B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

2014 Pacific Northwest Loads and Resources Study

Technical Appendix, Volume 2: Capacity Analysis

January 2015

2014 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY
The White Book

TECHNICAL APPENDIX

Volume 2

Capacity Analysis

BONNEVILLE POWER ADMINISTRATION
January 2015

Cover Picture:

Source: BPA Photo archive

Pictured is a Seattle Washington area substation

ACKNOWLEDGMENTS

Preparation of the annual Pacific Northwest loads and resources study is a complex, multidisciplinary effort. BPA wishes to acknowledge the team—BPA staff and others—whose diligence and dedication result in a reliable, high quality document.

Bonneville Power Administration

Generation Asset Management:

Long Term Power Planning Group
Regional Coordination Group
Operational Planning Group

Customer Support Services:

Load Forecasting and Analysis Group

Bulk Marketing and Transmission Services:

Long Term Sales and Purchasing Group

NW Requirements Marketing:

Office of General Counsel

Power Services Business Operations

Pacific Northwest Utilities Conference Committee

Northwest Power & Conservation Council

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Section 1: Monthly Capacity (Common Tables) Operating Year 2016 to 2025

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Exhibit 1
Table A-1: Regional Total Retail Loads

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-1: Regional: Total Retail Loads

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	Federal Agency	145	145	138	159	194	214	217	205	198	181	181	163	152	156
2	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
3	Cooperative	2651	2651	2460	2506	2807	3150	3117	2978	2708	2650	2650	2578	2616	2782
4	Municipality	3325	3325	3202	3576	4052	4453	4448	4292	3951	3648	3648	3266	3207	3337
5	Public Utility District	5362	5362	5189	5706	6522	7136	7210	6734	6302	5934	5934	5449	5249	5528
6	Investor-Owned Utility	16925	16925	14544	14200	15866	17460	17842	16584	15170	14038	14038	13417	16199	17604
7	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8	Direct-Service Industry	459	459	459	460	459	459	460	459	459	460	460	460	458	459
9	**Total Firm Loads**	**29766**	**29766**	**26806**	**27294**	**30433**	**33478**	**33856**	**31834**	**29467**	**27654**	**27654**	**26172**	**28755**	**30780**
	Non-Firm Loads														
10	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Total Regional Loads (Firm+Non-Firm)														
12	Federal Agency	145	145	138	159	194	214	217	205	198	181	181	163	152	156
13	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
14	Cooperative	2651	2651	2460	2506	2807	3150	3117	2978	2708	2650	2650	2578	2616	2782
15	Municipality	3325	3325	3202	3576	4052	4453	4448	4292	3951	3648	3648	3266	3207	3337
16	Public Utility District	5362	5362	5203	5706	6522	7136	7214	6757	6356	5968	5968	5449	5249	5528
17	Investor-Owned Utility	16925	16925	14544	14200	15866	17460	17842	16584	15170	14038	14038	13417	16199	17604
18	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19	Direct-Service Industry	459	459	459	460	459	459	460	459	459	460	460	460	458	459
20	**Total Loads**	**29766**	**29766**	**26820**	**27294**	**30433**	**33478**	**33860**	**31857**	**29521**	**27688**	**27688**	**26172**	**28755**	**30780**

Table A-1: Regional: Total Retail Loads

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	Federal Agency	150	150	142	164	189	211	210	202	196	182	182	163	152	156
2	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
3	Cooperative	2709	2709	2517	2558	2862	3205	3170	3017	2753	2689	2689	2617	2652	2808
4	Municipality	3344	3344	3219	3612	4109	4424	4495	4312	3922	3652	3652	3209	3250	3396
5	Public Utility District	5505	5505	5268	5767	6575	7190	7258	6788	6361	5986	5986	5500	5284	5577
6	Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973
7	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8	Direct-Service Industry	459	459	459	505	504	504	505	504	504	505	505	505	503	504
9	**Total Firm Loads**	**30367**	**30367**	**27253**	**27761**	**30933**	**33926**	**34377**	**32279**	**29854**	**28042**	**28042**	**26498**	**29242**	**31327**
	Non-Firm Loads														
10	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Total Regional Loads (Firm+Non-Firm)														
12	Federal Agency	150	150	142	164	189	211	210	202	196	182	182	163	152	156
13	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
14	Cooperative	2709	2709	2517	2558	2862	3205	3170	3017	2753	2689	2689	2617	2652	2808
15	Municipality	3344	3344	3219	3612	4109	4424	4495	4312	3922	3652	3652	3209	3250	3396
16	Public Utility District	5505	5505	5282	5767	6575	7190	7262	6811	6415	6020	6020	5500	5284	5577
17	Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973
18	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19	Direct-Service Industry	459	459	459	505	504	504	505	504	504	505	505	505	503	504
20	**Total Loads**	**30367**	**30367**	**27267**	**27761**	**30933**	**33926**	**34381**	**32302**	**29908**	**28076**	**28076**	**26498**	**29242**	**31327**

Table A-1: Regional: Total Retail Loads

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads															
1	Federal Agency	150	150	142	164	191	213	212	203	196	221	221	195	183	190
2	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
3	Cooperative	2735	2735	2537	2593	2890	3234	3200	3049	2782	2719	2719	2648	2685	2842
4	Municipality	3419	3419	3271	3633	4131	4452	4516	4338	3949	3675	3675	3232	3272	3421
5	Public Utility District	5571	5571	5332	5845	6633	7248	7348	6871	6436	6064	6064	5577	5369	5664
6	Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292
7	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8	Direct-Service Industry	504	504	504	550	549	549	550	549	549	550	550	550	548	549
9	**Total Firm Loads**	**30939**	**30939**	**27712**	**28165**	**31335**	**34359**	**34845**	**32722**	**30260**	**28475**	**28475**	**26927**	**29747**	**31871**
Non-Firm Loads															
10	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
Total Regional Loads (Firm+Non-Firm)															
12	Federal Agency	150	150	142	164	191	213	212	203	196	221	221	195	183	190
13	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
14	Cooperative	2735	2735	2537	2593	2890	3234	3200	3049	2782	2719	2719	2648	2685	2842
15	Municipality	3419	3419	3271	3633	4131	4452	4516	4338	3949	3675	3675	3232	3272	3421
16	Public Utility District	5571	5571	5346	5845	6633	7248	7352	6894	6490	6098	6098	5577	5369	5664
17	Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292
18	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19	Direct-Service Industry	504	504	504	550	549	549	550	549	549	550	550	550	548	549
20	**Total Loads**	**30939**	**30939**	**27726**	**28165**	**31335**	**34359**	**34849**	**32745**	**30314**	**28509**	**28509**	**26927**	**29747**	**31871**

Table A-1: Regional: Total Retail Loads

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	Federal Agency	185	185	172	197	208	238	232	217	243	221	221	195	183	190
2	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
3	Cooperative	2768	2768	2568	2623	2920	3265	3230	3055	2811	2749	2749	2680	2718	2876
4	Municipality	3444	3444	3294	3701	4222	4495	4540	4339	3976	3725	3725	3205	3275	3468
5	Public Utility District	5648	5648	5396	5901	6694	7315	7402	6918	6482	6114	6114	5630	5423	5719
6	Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592
7	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
9	**Total Firm Loads**	**31473**	**31473**	**28144**	**28560**	**31758**	**34768**	**35225**	**33027**	**30628**	**28808**	**28808**	**27182**	**30104**	**32308**
	Non-Firm Loads														
10	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Total Regional Loads (Firm+Non-Firm)														
12	Federal Agency	185	185	172	197	208	238	232	217	243	221	221	195	183	190
13	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
14	Cooperative	2768	2768	2568	2623	2920	3265	3230	3055	2811	2749	2749	2680	2718	2876
15	Municipality	3444	3444	3294	3701	4222	4495	4540	4339	3976	3725	3725	3205	3275	3468
16	Public Utility District	5648	5648	5410	5901	6694	7315	7406	6941	6536	6148	6148	5630	5423	5719
17	Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592
18	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
20	**Total Loads**	**31473**	**31473**	**28158**	**28560**	**31758**	**34768**	**35229**	**33050**	**30682**	**28842**	**28842**	**27182**	**30104**	**32308**

Table A-1: Regional: Total Retail Loads

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads															
1	Federal Agency	185	185	172	197	209	232	245	235	227	221	221	195	184	191
2	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
3	Cooperative	2802	2802	2599	2657	2955	3301	3266	3114	2846	2782	2782	2713	2751	2910
4	Municipality	3472	3472	3285	3719	4242	4515	4559	4359	3993	3742	3742	3222	3293	3487
5	Public Utility District	5704	5704	5440	5947	6744	7370	7454	6967	6524	6154	6154	5678	5471	5759
6	Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896
7	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
9	**Total Firm Loads**	**31887**	**31887**	**28432**	**28864**	**32089**	**35128**	**35600**	**33414**	**30926**	**29108**	**29108**	**27481**	**30475**	**32705**
Non-Firm Loads															
10	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
Total Regional Loads (Firm+Non-Firm)															
12	Federal Agency	185	185	172	197	209	232	245	235	227	221	221	195	184	191
13	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
14	Cooperative	2802	2802	2599	2657	2955	3301	3266	3114	2846	2782	2782	2713	2751	2910
15	Municipality	3472	3472	3285	3719	4242	4515	4559	4359	3993	3742	3742	3222	3293	3487
16	Public Utility District	5704	5704	5454	5947	6744	7370	7458	6990	6578	6188	6188	5678	5471	5759
17	Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896
18	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
20	**Total Loads**	**31887**	**31887**	**28446**	**28864**	**32089**	**35128**	**35604**	**33437**	**30980**	**29142**	**29142**	**27481**	**30475**	**32705**

Table A-1: Regional: Total Retail Loads

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	Federal Agency	185	185	173	198	221	243	246	236	228	213	213	196	183	186
2	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
3	Cooperative	2836	2836	2631	2693	2992	3339	3305	3149	2882	2819	2819	2748	2786	2946
4	Municipality	3490	3490	3302	3737	4261	4535	4579	4379	4012	3760	3760	3239	3310	3505
5	Public Utility District	5751	5751	5475	5983	6785	7415	7503	7017	6572	6199	6199	5731	5525	5808
6	Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199
7	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
9	**Total Firm Loads**	**32284**	**32284**	**28743**	**29167**	**32426**	**35494**	**35969**	**33759**	**31256**	**29406**	**29406**	**27794**	**30858**	**33105**
	Non-Firm Loads														
10	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Total Regional Loads (Firm+Non-Firm)														
12	Federal Agency	185	185	173	198	221	243	246	236	228	213	213	196	183	186
13	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
14	Cooperative	2836	2836	2631	2693	2992	3339	3305	3149	2882	2819	2819	2748	2786	2946
15	Municipality	3490	3490	3302	3737	4261	4535	4579	4379	4012	3760	3760	3239	3310	3505
16	Public Utility District	5751	5751	5489	5983	6785	7415	7507	7040	6626	6233	6233	5731	5525	5808
17	Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199
18	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
20	**Total Loads**	**32284**	**32284**	**28757**	**29167**	**32426**	**35494**	**35973**	**33782**	**31310**	**29440**	**29440**	**27794**	**30858**	**33105**

Table A-1: Regional: Total Retail Loads

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	Federal Agency	178	178	175	198	222	243	247	237	229	214	214	196	184	186
2	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
3	Cooperative	2872	2872	2667	2731	3031	3379	3345	3192	2921	2857	2857	2786	2824	2985
4	Municipality	3508	3508	3320	3756	4280	4555	4600	4399	4031	3779	3779	3257	3328	3524
5	Public Utility District	5808	5808	5519	6025	6832	7467	7556	7061	6613	6238	6238	5773	5565	5850
6	Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510
7	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
9	**Total Firm Loads**	**32690**	**32690**	**29072**	**29479**	**32761**	**35856**	**36339**	**34108**	**31581**	**29711**	**29711**	**28098**	**31230**	**33517**
	Non-Firm Loads														
10	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Total Regional Loads (Firm+Non-Firm)														
12	Federal Agency	178	178	175	198	222	243	247	237	229	214	214	196	184	186
13	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
14	Cooperative	2872	2872	2667	2731	3031	3379	3345	3192	2921	2857	2857	2786	2824	2985
15	Municipality	3508	3508	3320	3756	4280	4555	4600	4399	4031	3779	3779	3257	3328	3524
16	Public Utility District	5808	5808	5533	6025	6832	7467	7560	7084	6667	6272	6272	5773	5565	5850
17	Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510
18	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
20	**Total Loads**	**32690**	**32690**	**29086**	**29479**	**32761**	**35856**	**36343**	**34131**	**31635**	**29745**	**29745**	**28098**	**31230**	**33517**

Table A-1: Regional: Total Retail Loads

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	Federal Agency	179	179	175	199	222	244	248	234	229	214	214	197	184	187
2	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
3	Cooperative	2911	2911	2704	2769	3070	3419	3386	3206	2960	2895	2895	2824	2862	3024
4	Municipality	3528	3528	3338	3775	4301	4576	4620	4416	4050	3796	3796	3275	3346	3542
5	Public Utility District	5857	5857	5557	6064	6876	7515	7604	7105	6655	6279	6279	5813	5605	5893
6	Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823
7	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
9	**Total Firm Loads**	**33101**	**33101**	**29396**	**29788**	**33093**	**36214**	**36709**	**34417**	**31908**	**30016**	**30016**	**28405**	**31604**	**33930**
	Non-Firm Loads														
10	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Total Regional Loads (Firm+Non-Firm)														
12	Federal Agency	179	179	175	199	222	244	248	234	229	214	214	197	184	187
13	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
14	Cooperative	2911	2911	2704	2769	3070	3419	3386	3206	2960	2895	2895	2824	2862	3024
15	Municipality	3528	3528	3338	3775	4301	4576	4620	4416	4050	3796	3796	3275	3346	3542
16	Public Utility District	5857	5857	5571	6064	6876	7515	7608	7128	6709	6313	6313	5813	5605	5893
17	Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823
18	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
20	**Total Loads**	**33101**	**33101**	**29410**	**29788**	**33093**	**36214**	**36713**	**34440**	**31962**	**30050**	**30050**	**28405**	**31604**	**33930**

Table A-1: Regional: Total Retail Loads

Operating Year 2024

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	Federal Agency	179	179	176	200	223	245	249	238	230	215	215	198	185	187
2	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
3	Cooperative	2949	2949	2742	2802	3104	3455	3421	3266	2994	2928	2928	2857	2894	3057
4	Municipality	3546	3546	3356	3791	4317	4594	4635	4429	4066	3812	3812	3290	3362	3559
5	Public Utility District	5891	5891	5588	6100	6916	7559	7648	7147	6694	6315	6315	5848	5641	5930
6	Investor-Owned Utility	19482	19482	16487	15956	17775	19558	19999	18565	17018	15746	15746	15113	18467	20137
7	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
9	**Total Firm Loads**	**33496**	**33496**	**29711**	**30085**	**33417**	**36566**	**37065**	**34776**	**32230**	**30309**	**30309**	**28694**	**31970**	**34333**
	Non-Firm Loads														
10	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Total Regional Loads (Firm+Non-Firm)														
12	Federal Agency	179	179	176	200	223	245	249	238	230	215	215	198	185	187
13	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
14	Cooperative	2949	2949	2742	2802	3104	3455	3421	3266	2994	2928	2928	2857	2894	3057
15	Municipality	3546	3546	3356	3791	4317	4594	4635	4429	4066	3812	3812	3290	3362	3559
16	Public Utility District	5891	5891	5602	6100	6916	7559	7652	7170	6748	6349	6349	5848	5641	5930
17	Investor-Owned Utility	19482	19482	16487	15956	17775	19558	19999	18565	17018	15746	15746	15113	18467	20137
18	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
20	**Total Loads**	**33496**	**33496**	**29725**	**30085**	**33417**	**36566**	**37069**	**34799**	**32284**	**30343**	**30343**	**28694**	**31970**	**34333**

Table A-1: Regional: Total Retail Loads

Operating Year 2025

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	Federal Agency	180	180	176	200	224	246	250	239	231	216	216	198	185	188
2	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
3	Cooperative	2983	2983	2774	2821	3123	3475	3442	3283	3013	2947	2947	2875	2912	3076
4	Municipality	3563	3563	3372	3812	4340	4617	4660	4457	4087	3832	3832	3309	3381	3579
5	Public Utility District	5923	5923	5619	6129	6948	7593	7683	7180	6725	6345	6345	5877	5670	5961
6	Investor-Owned Utility	19795	19795	16717	16170	18008	19815	20262	18808	17240	15953	15953	15319	18751	20454
7	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
9	**Total Firm Loads**	**33893**	**33893**	**30021**	**30369**	**33725**	**36902**	**37410**	**35098**	**32523**	**30585**	**30585**	**28967**	**32321**	**34720**
	Non-Firm Loads														
10	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Total Regional Loads (Firm+Non-Firm)														
12	Federal Agency	180	180	176	200	224	246	250	239	231	216	216	198	185	188
13	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
14	Cooperative	2983	2983	2774	2821	3123	3475	3442	3283	3013	2947	2947	2875	2912	3076
15	Municipality	3563	3563	3372	3812	4340	4617	4660	4457	4087	3832	3832	3309	3381	3579
16	Public Utility District	5923	5923	5633	6129	6948	7593	7687	7203	6779	6379	6379	5877	5670	5961
17	Investor-Owned Utility	19795	19795	16717	16170	18008	19815	20262	18808	17240	15953	15953	15319	18751	20454
18	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
20	**Total Loads**	**33893**	**33893**	**30035**	**30369**	**33725**	**36902**	**37414**	**35121**	**32577**	**30619**	**30619**	**28967**	**32321**	**34720**

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Exhibit 2
Table A-2: Regional Exports

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-2: Regional Exports

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**1432**	**1432**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1329**
1	BPA-P to BCHP Trty CEA	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307
2	BPA-P to BCHP NTSA Del	126	126	0	0	0	0	0	0	0	0	0	0	0	22.0
3	**Total Exports to CAN**	**1432**	**1432**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1329**
	East Continental Divide														
	Contracts	**22.2**	**22.2**	**17.5**	**16.9**	**18.4**	**19.7**	**20.4**	**19.7**	**19.1**	**17.6**	**17.6**	**16.6**	**18.7**	**6.80**
4	AVWP to PPLM PwrS LTFirm	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
5	BPA-P to Other Entities	15.4	15.4	10.7	10.1	11.6	12.9	13.6	12.9	12.3	10.8	10.8	9.78	11.9	0
6	**Total Exports to ECD**	**22.2**	**22.2**	**17.5**	**16.9**	**18.4**	**19.7**	**20.4**	**19.7**	**19.1**	**17.6**	**17.6**	**16.6**	**18.7**	**6.80**
	Inland Southwest														
	Transfer Services														
7	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
	Contracts	**584**	**584**	**553**	**207**	**63.0**	**73.0**	**73.0**	**53.0**	**77.0**	**96.0**	**104**	**89.8**	**468**	**468**
9	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to Other Entities	106	106	75.0	60.0	48.0	58.0	58.0	38.0	62.0	81.0	81.0	82.0	100.0	100.0
12	BPA-P to RVSD CNX Del	60.0	60.0	60.0	60.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	0	0	0
13	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15	PPL to REDD PwrS LTFirm	50.0	50.0	50.0	50.0	0	0	0	0	0	0	0	0	0	0
16	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
17	SCL to NCPA SNX Del	60.0	60.0	60.0	29.0	0	0	0	0	0	0	0	0	60.0	60.0
	Transfer Services	**133**	**133**	**133**	**133**	**133**	**130**	**130**	**130**	**133**	**133**	**133**	**74.8**	**133**	**133**
18	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	SMUD to SMUD TS PwrP	74.8	74.8	74.8	74.8	74.8	72.2	72.2	72.2	74.8	74.8	74.8	74.8	74.8	74.8
26	TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
27	Intertie Losses	21	21	21	10	6	6	6	5	6	7	7	5	18	18
28	**Total Exports to PSW**	**738**	**738**	**706**	**350**	**202**	**209**	**209**	**189**	**216**	**236**	**244**	**170**	**619**	**619**
	Total Exports														
29	Federal Entities	1619	1619	1456	1440	1383	1395	1395	1374	1398	1416	1416	1401	1422	1432
30	Investor Owned Utilities	357	357	357	56.8	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	307	307
31	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
32	Municipality	193	193	193	162	133	130	130	130	133	133	133	74.8	193	193
33	**Total Exports**	**2176**	**2176**	**2014**	**1667**	**1523**	**1532**	**1532**	**1511**	**1538**	**1556**	**1564**	**1490**	**1929**	**1939**

Table A-2: Regional Exports

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**1420**	**1420**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1329**
1	BPA-P to BCHP Trty CEA	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307
2	BPA-P to BCHP NTSA Del	113	113	0	0	0	0	0	0	0	0	0	0	0	22.0
3	**Total Exports to CAN**	**1420**	**1420**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1307**	**1329**
	East Continental Divide														
	Contracts	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**
4	AVWP to PPLM PwrS LTFirm	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
5	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	**Total Exports to ECD**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**
	Inland Southwest														
	Transfer Services														
7	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
	Contracts	**474**	**474**	**448**	**96.8**	**48.0**	**40.0**	**38.0**	**38.0**	**62.0**	**82.0**	**89.8**	**89.8**	**468**	**468**
9	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to Other Entities	106	106	80.0	60.0	48.0	40.0	38.0	38.0	62.0	82.0	82.0	82.0	100.0	100.0
12	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
16	SCL to NCPA SNX Del	60.0	60.0	60.0	29.0	0	0	0	0	0	0	0	0	60.0	60.0
	Transfer Services	**133**	**133**	**133**	**133**	**133**	**130**	**130**	**130**	**133**	**133**	**133**	**74.8**	**133**	**133**
17	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SMUD to SMUD TS PwrP	74.8	74.8	74.8	74.8	74.8	72.2	72.2	72.2	74.8	74.8	74.8	74.8	74.8	74.8
25	TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
26	Intertie Losses	18	18	17	7	5	5	5	5	6	6	7	5	18	18
27	**Total Exports to PSW**	**625**	**625**	**598**	**236**	**186**	**175**	**173**	**173**	**201**	**221**	**229**	**170**	**619**	**619**
	Total Exports														
28	Federal Entities	1529	1529	1389	1369	1356	1348	1346	1346	1371	1391	1391	1391	1410	1432
29	Investor Owned Utilities	307	307	307	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	307	307
30	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
31	Municipality	193	193	193	162	133	130	130	130	133	133	133	74.8	193	193
32	**Total Exports**	**2036**	**2036**	**1897**	**1545**	**1496**	**1485**	**1483**	**1483**	**1510**	**1531**	**1539**	**1481**	**1917**	**1939**

Table A-2: Regional Exports

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**1437**	**1437**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
1	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2	BPA-P to BCHP NTSA Del	113	113	0	0	0	0	0	0	0	0	0	0	0	23.9
3	**Total Exports to CAN**	**1437**	**1437**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
	East Continental Divide														
	Contracts	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**
4	AVWP to PPLM PwrS LTFirm	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
5	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	**Total Exports to ECD**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**	**6.80**
	Inland Southwest														
	Transfer Services														
7	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
	Contracts	**474**	**474**	**453**	**96.8**	**48.0**	**40.0**	**38.0**	**38.0**	**62.0**	**82.0**	**89.8**	**89.8**	**408**	**406**
9	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to Other Entities	106	106	85.0	60.0	48.0	40.0	38.0	38.0	62.0	82.0	82.0	82.0	100.0	98.0
12	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
16	SCL to NCPA SNX Del	60.0	60.0	60.0	29.0	0	0	0	0	0	0	0	0	0	0
	Transfer Services	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**55.0**	**113**	**113**
17	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SMUD to SMUD TS PwrP	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
25	TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
26	Intertie Losses	18	18	17	6	5	5	5	5	5	6	6	4	16	16
27	**Total Exports to PSW**	**604**	**604**	**583**	**216**	**166**	**158**	**156**	**156**	**180**	**201**	**209**	**149**	**536**	**534**
	Total Exports														
28	Federal Entities	1546	1546	1412	1386	1374	1366	1363	1363	1388	1409	1409	1409	1427	1449
29	Investor Owned Utilities	307	307	307	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	307	307
30	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
31	Municipality	173	173	173	142	113	113	113	113	113	113	113	55.0	113	113
32	**Total Exports**	**2034**	**2034**	**1900**	**1543**	**1494**	**1485**	**1483**	**1483**	**1508**	**1529**	**1536**	**1478**	**1855**	**1877**

Table A-2: Regional Exports

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
1	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2	BPA-P to BCHP NTSA Del	115	115	0	0	0	0	0	0	0	0	0	0	0	23.9
3	**Total Exports to CAN**	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
	East Continental Divide														
	Contracts	**6.80**	**6.80**	**6.80**	**6.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
4	AVWP to PPLM PwrS LTFirm	6.80	6.80	6.80	6.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	**Total Exports to ECD**	**6.80**	**6.80**	**6.80**	**6.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	Inland Southwest														
	Transfer Services														
7	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
	Contracts	**414**	**414**	**398**	**67.8**	**48.0**	**40.0**	**38.0**	**38.0**	**13.0**	**0**	**7.81**	**7.81**	**308**	**308**
9	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to Other Entities	106	106	90.0	60.0	48.0	40.0	38.0	38.0	13.0	0	0	0	0	0
12	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
	Transfer Services	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**55.0**	**113**	**113**
16	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	SMUD to SMUD TS PwrP	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
24	TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
25	Intertie Losses	16	16	15	5	5	5	5	5	4	3	4	1.9	13	13
26	**Total Exports to PSW**	**543**	**543**	**526**	**186**	**166**	**158**	**156**	**156**	**130**	**116**	**124**	**64.7**	**433**	**433**
	Total Exports														
27	Federal Entities	1548	1548	1417	1386	1374	1366	1363	1363	1338	1324	1324	1324	1324	1348
28	Investor Owned Utilities	307	307	307	6.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	301	301
29	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
30	Municipality	113	113	113	113	113	113	113	113	113	113	113	55.0	113	113
31	**Total Exports**	**1976**	**1976**	**1845**	**1514**	**1488**	**1480**	**1477**	**1477**	**1452**	**1438**	**1446**	**1388**	**1746**	**1770**

Table A-2: Regional Exports

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
1	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2	BPA-P to BCHP NTSA Del	115	115	0	0	0	0	0	0	0	0	0	0	0	23.9
3	**Total Exports to CAN**	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
	East Continental Divide														
	Contracts	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
4	AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	**Total Exports to ECD**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	Inland Southwest														
	Transfer Services														
7	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
	Contracts	**308**	**308**	**308**	**7.81**	**0**	**0**	**0**	**0**	**0**	**0**	**7.81**	**7.81**	**308**	**308**
9	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
	Transfer Services	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**55.0**	**113**	**113**
16	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	SMUD to SMUD TS PwrP	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
24	TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
25	Intertie Losses	13	13	13	4	3	3	3	3	3	3	4	1.9	13	13
26	**Total Exports to PSW**	**433**	**433**	**433**	**124**	**116**	**116**	**116**	**116**	**116**	**116**	**124**	**64.7**	**433**	**433**
	Total Exports														
27	Federal Entities	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
28	Investor Owned Utilities	301	301	301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	301	301
29	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
30	Municipality	113	113	113	113	113	113	113	113	113	113	113	55.0	113	113
31	**Total Exports**	**1861**	**1861**	**1746**	**1446**	**1438**	**1438**	**1438**	**1438**	**1438**	**1438**	**1446**	**1388**	**1746**	**1770**

Table A-2: Regional Exports

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
1	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2	BPA-P to BCHP NTSA Del	115	115	0	0	0	0	0	0	0	0	0	0	0	23.9
3	**Total Exports to CAN**	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
	East Continental Divide														
	Contracts	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
4	AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	**Total Exports to ECD**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	Inland Southwest														
	Transfer Services														
7	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
	Contracts	**308**	**308**	**308**	**7.81**	**0**	**0**	**0**	**0**	**0**	**0**	**7.81**	**7.81**	**308**	**308**
9	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
	Transfer Services	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**113**	**55.0**	**113**	**113**
16	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	SMUD to SMUD TS PwrP	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
24	TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
25	Intertie Losses	13	13	13	4	3	3	3	3	3	3	4	1.9	13	13
26	**Total Exports to PSW**	**433**	**433**	**433**	**124**	**116**	**116**	**116**	**116**	**116**	**116**	**124**	**64.7**	**433**	**433**
	Total Exports														
27	Federal Entities	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
28	Investor Owned Utilities	301	301	301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	301	301
29	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
30	Municipality	113	113	113	113	113	113	113	113	113	113	113	55.0	113	113
31	**Total Exports**	**1861**	**1861**	**1746**	**1446**	**1438**	**1438**	**1438**	**1438**	**1438**	**1438**	**1446**	**1388**	**1746**	**1770**

Table A-2: Regional Exports

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
1	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2	BPA-P to BCHP NTSA Del	115	115	0	0	0	0	0	0	0	0	0	0	0	23.9
3	**Total Exports to CAN**	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
	East Continental Divide														
	Contracts	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
4	AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	**Total Exports to ECD**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	Inland Southwest														
	Transfer Services														
7	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
	Contracts	**7.81**	**7.81**	**7.81**	**7.81**	**0**	**0**	**0**	**0**	**0**	**0**	**7.81**	**7.81**	**7.81**	**7.81**
9	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15	PSE to PG&E SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Transfer Services	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**0**	**58.0**	**58.0**
16	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
24	Intertie Losses	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	2.0	0.23	2.0	2.0
25	**Total Exports to PSW**	**67.8**	**67.8**	**67.8**	**67.8**	**59.7**	**59.7**	**59.7**	**59.7**	**59.7**	**59.7**	**67.8**	**8.04**	**67.8**	**67.8**
	Total Exports														
26	Federal Entities	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
27	Investor Owned Utilities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
29	Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
30	**Total Exports**	**1506**	**1506**	**1391**	**1391**	**1383**	**1383**	**1383**	**1383**	**1383**	**1383**	**1391**	**1333**	**1391**	**1415**

Table A-2: Regional Exports

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
1	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2	BPA-P to BCHP NTSA Del	115	115	0	0	0	0	0	0	0	0	0	0	0	23.9
3	**Total Exports to CAN**	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
	East Continental Divide														
	Contracts	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
4	AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	**Total Exports to ECD**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	Inland Southwest														
	Transfer Services														
7	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
	Contracts	**7.81**	**7.81**	**7.81**	**7.81**	**0**	**0**	**0**	**0**	**0**	**0**	**7.81**	**7.81**	**7.81**	**7.81**
9	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15	PSE to PG&E SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Transfer Services	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**0**	**58.0**	**58.0**
16	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
24	Intertie Losses	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	2.0	0.23	2.0	2.0
25	**Total Exports to PSW**	**67.8**	**67.8**	**67.8**	**67.8**	**59.7**	**59.7**	**59.7**	**59.7**	**59.7**	**59.7**	**67.8**	**8.04**	**67.8**	**67.8**
	Total Exports														
26	Federal Entities	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
27	Investor Owned Utilities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
29	Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
30	**Total Exports**	**1506**	**1506**	**1391**	**1391**	**1383**	**1383**	**1383**	**1383**	**1383**	**1383**	**1391**	**1333**	**1391**	**1415**

Table A-2: Regional Exports

Operating Year 2024

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
1	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2	BPA-P to BCHP NTSA Del	115	115	0	0	0	0	0	0	0	0	0	0	0	23.9
3	**Total Exports to CAN**	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
	East Continental Divide														
	Contracts	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
4	AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	**Total Exports to ECD**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	Inland Southwest														
	Transfer Services														
7	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
	Contracts	**7.81**	**7.81**	**7.81**	**7.81**	**0**	**0**	**0**	**0**	**0**	**0**	**7.81**	**7.81**	**7.81**	**7.81**
9	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15	PSE to PG&E SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Transfer Services	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**0**	**58.0**	**58.0**
16	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
24	Intertie Losses	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	2.0	0.23	2.0	2.0
25	**Total Exports to PSW**	**67.8**	**67.8**	**67.8**	**67.8**	**59.7**	**59.7**	**59.7**	**59.7**	**59.7**	**59.7**	**67.8**	**8.04**	**67.8**	**67.8**
	Total Exports														
26	Federal Entities	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
27	Investor Owned Utilities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
29	Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
30	**Total Exports**	**1506**	**1506**	**1391**	**1391**	**1383**	**1383**	**1383**	**1383**	**1383**	**1383**	**1391**	**1333**	**1391**	**1415**

Table A-2: Regional Exports

Operating Year 2025

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
1	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2	BPA-P to BCHP NTSA Del	115	115	0	0	0	0	0	0	0	0	0	0	0	23.9
3	**Total Exports to CAN**	**1439**	**1439**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1324**	**1348**
	East Continental Divide														
	Contracts	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
4	AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	**Total Exports to ECD**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	Inland Southwest														
	Transfer Services														
7	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
	Contracts	**7.81**	**7.81**	**7.81**	**7.81**	**0**	**0**	**0**	**0**	**0**	**0**	**7.81**	**7.81**	**7.81**	**7.81**
9	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15	PSE to PG&E SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Transfer Services	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**58.0**	**0**	**58.0**	**58.0**
16	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
24	Intertie Losses	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	2.0	0.23	2.0	2.0
25	**Total Exports to PSW**	**67.8**	**67.8**	**67.8**	**67.8**	**59.7**	**59.7**	**59.7**	**59.7**	**59.7**	**59.7**	**67.8**	**8.04**	**67.8**	**67.8**
	Total Exports														
26	Federal Entities	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
27	Investor Owned Utilities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
29	Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
30	**Total Exports**	**1506**	**1506**	**1391**	**1391**	**1383**	**1383**	**1383**	**1383**	**1383**	**1383**	**1391**	**1333**	**1391**	**1415**

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Exhibit 3
Table A-3: Regional Imports

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-3: Regional: Imports

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Contract	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2	BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4	**Total Imports From CAN**	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
	East Continental Divide														
	Transfer Services														
5	Unk_ECD_Mrktr to Other Entities	179	179	159	156	162	173	181	168	162	149	149	151	171	189
6	**Total Imports From ECD**	**179**	**179**	**159**	**156**	**162**	**173**	**181**	**168**	**162**	**149**	**149**	**151**	**171**	**189**
	Inland Southwest														
	Transfer Services														
7	RMP to RMP TS PwrP	731	731	619	561	560	639	584	583	558	530	530	570	800	875
8	**Total Imports From ISW**	**731**	**731**	**619**	**561**	**560**	**639**	**584**	**583**	**558**	**530**	**530**	**570**	**800**	**875**
	Pacific Southwest														
	Contracts	**40.0**	**40.0**	**40.0**	**40.0**	**389**	**411**	**411**	**411**	**111**	**76.6**	**76.6**	**0**	**0**	**75.0**
9	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RVSD to BPA-P CNX EER	0	0	0	0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	0	0	0
13	RVSD to BPA-P CNX Repl	40.0	40.0	40.0	40.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0	0	0
14	RVSD to BPA-P SNX Ret	0	0	0	0	25.5	25.5	25.5	25.5	25.5	25.5	25.5	0	0	0
15	Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	75.0
16	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
17	NCPA to SCL SNX Ret	0	0	0	0	24.5	46.0	46.0	46.0	46.0	12.0	12.0	0	0	0
18	**Total Imports From PSW**	**40.0**	**40.0**	**40.0**	**40.0**	**389**	**411**	**411**	**411**	**111**	**76.6**	**76.6**	**0**	**0**	**75.0**
	Total Imports														
19	Federal Entities	41.0	41.0	41.0	41.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	1.00	1.00	76.0
20	Investor Owned Utilities	734	734	622	564	864	943	889	887	562	534	534	573	803	878
21	Marketer	179	179	159	156	162	173	181	168	162	149	149	151	171	189
22	Municipality	143	143	143	143	122	164	195	228	254	155	155	143	143	143
23	**Total Imports**	**1097**	**1097**	**964**	**904**	**1213**	**1346**	**1331**	**1350**	**1044**	**903**	**903**	**868**	**1117**	**1285**

Table A-3: Regional: Imports

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Contract	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2	BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4	**Total Imports From CAN**	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
	East Continental Divide														
	Transfer Services														
5	Unk_ECD_Mrktr to Other Entities	182	182	161	158	163	175	183	170	164	151	151	153	173	191
6	**Total Imports From ECD**	**182**	**182**	**161**	**158**	**163**	**175**	**183**	**170**	**164**	**151**	**151**	**153**	**173**	**191**
	Inland Southwest														
	Transfer Services														
7	RMP to RMP TS PwrP	739	739	624	565	563	643	587	586	562	533	533	574	808	884
8	**Total Imports From ISW**	**739**	**739**	**624**	**565**	**563**	**643**	**587**	**586**	**562**	**533**	**533**	**574**	**808**	**884**
	Pacific Southwest														
	Contracts	**75.0**	**75.0**	**75.0**	**125**	**450**	**471**	**471**	**471**	**171**	**87.0**	**87.0**	**75.0**	**75.0**	**75.0**
9	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Other Entities to Other Entities	75.0	75.0	75.0	125	125	125	125	125	125	75.0	75.0	75.0	75.0	75.0
16	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
17	NCPA to SCL SNX Ret	0	0	0	0	24.5	46.0	46.0	46.0	46.0	12.0	12.0	0	0	0
18	**Total Imports From PSW**	**75.0**	**75.0**	**75.0**	**125**	**450**	**471**	**471**	**471**	**171**	**87.0**	**87.0**	**75.0**	**75.0**	**75.0**
	Total Imports														
19	Federal Entities	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
20	Investor Owned Utilities	742	742	627	568	867	947	892	890	566	537	537	577	811	887
21	Marketer	182	182	161	158	163	175	183	170	164	151	151	153	173	191
22	Municipality	143	143	143	143	122	164	195	228	254	155	155	143	143	143
23	**Total Imports**	**1142**	**1142**	**1006**	**995**	**1278**	**1412**	**1396**	**1415**	**1110**	**918**	**918**	**948**	**1202**	**1297**

Table A-3: Regional: Imports

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Contract	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2	BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4	**Total Imports From CAN**	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
	East Continental Divide														
	Transfer Services														
5	Unk_ECD_Mrktr to Other Entities	183	183	162	159	165	176	185	171	165	152	152	154	175	193
6	**Total Imports From ECD**	**183**	**183**	**162**	**159**	**165**	**176**	**185**	**171**	**165**	**152**	**152**	**154**	**175**	**193**
	Inland Southwest														
	Transfer Services														
7	RMP to RMP TS PwrP	747	747	628	569	566	647	590	589	565	536	536	578	817	893
8	**Total Imports From ISW**	**747**	**747**	**628**	**569**	**566**	**647**	**590**	**589**	**565**	**536**	**536**	**578**	**817**	**893**
	Pacific Southwest														
	Contracts	**75.0**	**75.0**	**75.0**	**125**	**450**	**471**	**471**	**471**	**171**	**87.0**	**87.0**	**75.0**	**75.0**	**75.0**
9	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Other Entities to Other Entities	75.0	75.0	75.0	125	125	125	125	125	125	75.0	75.0	75.0	75.0	75.0
16	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
17	NCPA to SCL SNX Ret	0	0	0	0	24.5	46.0	46.0	46.0	46.0	12.0	12.0	0	0	0
18	**Total Imports From PSW**	**75.0**	**75.0**	**75.0**	**125**	**450**	**471**	**471**	**471**	**171**	**87.0**	**87.0**	**75.0**	**75.0**	**75.0**
	Total Imports														
19	Federal Entities	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
20	Investor Owned Utilities	750	750	631	572	870	951	895	893	569	540	540	581	820	896
21	Marketer	183	183	162	159	165	176	185	171	165	152	152	154	175	193
22	Municipality	143	143	143	143	122	164	195	228	254	155	155	143	143	143
23	**Total Imports**	**1152**	**1152**	**1012**	**1000**	**1283**	**1418**	**1401**	**1419**	**1114**	**922**	**922**	**953**	**1213**	**1307**

Table A-3: Regional: Imports

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Contract	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2	BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4	**Total Imports From CAN**	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
	East Continental Divide														
	Transfer Services														
5	Unk_ECD_Mrktr to Other Entities	185	185	164	161	166	178	186	173	167	153	153	155	176	195
6	**Total Imports From ECD**	**185**	**185**	**164**	**161**	**166**	**178**	**186**	**173**	**167**	**153**	**153**	**155**	**176**	**195**
	Inland Southwest														
	Transfer Services														
7	RMP to RMP TS PwrP	755	755	632	573	569	650	594	593	569	540	540	582	826	903
8	**Total Imports From ISW**	**755**	**755**	**632**	**573**	**569**	**650**	**594**	**593**	**569**	**540**	**540**	**582**	**826**	**903**
	Pacific Southwest														
	Contracts	**75.0**	**75.0**	**75.0**	**125**	**425**	**425**	**425**	**425**	**125**	**75.0**	**75.0**	**75.0**	**75.0**	**75.0**
9	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Other Entities to Other Entities	75.0	75.0	75.0	125	125	125	125	125	125	75.0	75.0	75.0	75.0	75.0
16	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
17	**Total Imports From PSW**	**75.0**	**75.0**	**75.0**	**125**	**425**	**425**	**425**	**425**	**125**	**75.0**	**75.0**	**75.0**	**75.0**	**75.0**
	Total Imports														
18	Federal Entities	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
19	Investor Owned Utilities	758	758	635	576	873	954	899	897	573	544	544	585	829	906
20	Marketer	185	185	164	161	166	178	186	173	167	153	153	155	176	195
21	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
22	**Total Imports**	**1161**	**1161**	**1017**	**1006**	**1263**	**1376**	**1360**	**1379**	**1074**	**916**	**916**	**959**	**1223**	**1319**

Table A-3: Regional: Imports

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Contract	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2	BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4	**Total Imports From CAN**	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
	East Continental Divide														
	Transfer Services														
5	Unk_ECD_Mrktr to Other Entities	186	186	165	162	168	179	188	174	168	155	155	156	178	196
6	**Total Imports From ECD**	**186**	**186**	**165**	**162**	**168**	**179**	**188**	**174**	**168**	**155**	**155**	**156**	**178**	**196**
	Inland Southwest														
	Transfer Services														
7	RMP to RMP TS PwrP	763	763	636	576	572	653	597	596	572	543	543	585	835	913
8	**Total Imports From ISW**	**763**	**763**	**636**	**576**	**572**	**653**	**597**	**596**	**572**	**543**	**543**	**585**	**835**	**913**
	Pacific Southwest														
	Contracts	**75.0**	**75.0**	**75.0**	**125**	**425**	**425**	**425**	**425**	**125**	**75.0**	**75.0**	**75.0**	**75.0**	**75.0**
9	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Other Entities to Other Entities	75.0	75.0	75.0	125	125	125	125	125	125	75.0	75.0	75.0	75.0	75.0
16	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
17	**Total Imports From PSW**	**75.0**	**75.0**	**75.0**	**125**	**425**	**425**	**425**	**425**	**125**	**75.0**	**75.0**	**75.0**	**75.0**	**75.0**
	Total Imports														
18	Federal Entities	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
19	Investor Owned Utilities	766	766	639	579	876	957	902	900	576	547	547	588	838	916
20	Marketer	186	186	165	162	168	179	188	174	168	155	155	156	178	196
21	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
22	**Total Imports**	**1171**	**1171**	**1022**	**1010**	**1267**	**1381**	**1365**	**1383**	**1078**	**920**	**920**	**963**	**1234**	**1330**

Table A-3: Regional: Imports

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Contract	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2	BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4	**Total Imports From CAN**	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
	East Continental Divide														
	Transfer Services														
5	Unk_ECD_Mrktr to Other Entities	188	188	167	163	169	181	189	176	169	156	156	158	179	198
6	**Total Imports From ECD**	**188**	**188**	**167**	**163**	**169**	**181**	**189**	**176**	**169**	**156**	**156**	**158**	**179**	**198**
	Inland Southwest														
	Transfer Services														
7	RMP to RMP TS PwrP	771	771	640	580	575	657	600	599	576	547	547	589	843	922
8	**Total Imports From ISW**	**771**	**771**	**640**	**580**	**575**	**657**	**600**	**599**	**576**	**547**	**547**	**589**	**843**	**922**
	Pacific Southwest														
	Contracts	**75.0**	**75.0**	**75.0**	**125**	**425**	**425**	**425**	**425**	**125**	**75.0**	**75.0**	**75.0**	**75.0**	**0**
9	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Other Entities to Other Entities	75.0	75.0	75.0	125	125	125	125	125	125	75.0	75.0	75.0	75.0	0
16	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
17	**Total Imports From PSW**	**75.0**	**75.0**	**75.0**	**125**	**425**	**425**	**425**	**425**	**125**	**75.0**	**75.0**	**75.0**	**75.0**	**0**
	Total Imports														
18	Federal Entities	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	1.00
19	Investor Owned Utilities	774	774	643	583	879	961	905	903	580	551	551	592	846	925
20	Marketer	188	188	167	163	169	181	189	176	169	156	156	158	179	198
21	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
22	**Total Imports**	**1180**	**1180**	**1028**	**1015**	**1271**	**1386**	**1369**	**1387**	**1084**	**925**	**925**	**968**	**1243**	**1266**

Table A-3: Regional: Imports

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Contract	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2	BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4	**Total Imports From CAN**	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
	East Continental Divide														
	Transfer Services														
5	Unk_ECD_Mrktr to Other Entities	189	189	168	165	170	182	191	177	171	157	157	159	181	200
6	**Total Imports From ECD**	**189**	**189**	**168**	**165**	**170**	**182**	**191**	**177**	**171**	**157**	**157**	**159**	**181**	**200**
	Inland Southwest														
	Transfer Services														
7	RMP to RMP TS PwrP	779	779	644	584	578	661	604	603	580	550	550	593	852	932
8	**Total Imports From ISW**	**779**	**779**	**644**	**584**	**578**	**661**	**604**	**603**	**580**	**550**	**550**	**593**	**852**	**932**
	Pacific Southwest														
	Contracts	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**
9	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
16	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**
	Total Imports														
17	Federal Entities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
18	Investor Owned Utilities	782	782	647	587	882	965	909	907	584	554	554	596	855	935
19	Marketer	189	189	168	165	170	182	191	177	171	157	157	159	181	200
20	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
21	**Total Imports**	**1115**	**1115**	**958**	**896**	**1151**	**1267**	**1250**	**1268**	**964**	**854**	**854**	**899**	**1179**	**1278**

Table A-3: Regional: Imports

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Contract	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2	BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4	**Total Imports From CAN**	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
	East Continental Divide														
	Transfer Services														
5	Unk_ECD_Mrktr to Other Entities	191	191	169	166	172	184	193	179	172	159	159	160	182	201
6	**Total Imports From ECD**	**191**	**191**	**169**	**166**	**172**	**184**	**193**	**179**	**172**	**159**	**159**	**160**	**182**	**201**
	Inland Southwest														
	Transfer Services														
7	RMP to RMP TS PwrP	788	788	648	588	581	665	607	606	583	554	554	597	861	942
8	**Total Imports From ISW**	**788**	**788**	**648**	**588**	**581**	**665**	**607**	**606**	**583**	**554**	**554**	**597**	**861**	**942**
	Pacific Southwest														
	Contracts	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**
9	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
16	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**
	Total Imports														
17	Federal Entities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
18	Investor Owned Utilities	791	791	651	591	885	969	912	910	587	558	558	600	864	945
19	Marketer	191	191	169	166	172	184	193	179	172	159	159	160	182	201
20	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
21	**Total Imports**	**1125**	**1125**	**964**	**901**	**1155**	**1272**	**1254**	**1272**	**968**	**860**	**860**	**904**	**1189**	**1289**

Table A-3: Regional: Imports

Operating Year 2024

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Contract	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2	BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4	**Total Imports From CAN**	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
	East Continental Divide														
	Transfer Services														
5	Unk_ECD_Mrktr to Other Entities	193	193	171	167	173	185	194	180	174	160	160	162	184	203
6	**Total Imports From ECD**	**193**	**193**	**171**	**167**	**173**	**185**	**194**	**180**	**174**	**160**	**160**	**162**	**184**	**203**
	Inland Southwest														
	Transfer Services														
7	RMP to RMP TS PwrP	796	796	653	592	584	669	610	610	587	558	558	601	870	951
8	**Total Imports From ISW**	**796**	**796**	**653**	**592**	**584**	**669**	**610**	**610**	**587**	**558**	**558**	**601**	**870**	**951**
	Pacific Southwest														
	Contracts	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**
9	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
16	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**
	Total Imports														
17	Federal Entities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
18	Investor Owned Utilities	799	799	656	595	888	973	915	914	591	562	562	604	873	954
19	Marketer	193	193	171	167	173	185	194	180	174	160	160	162	184	203
20	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
21	**Total Imports**	**1135**	**1135**	**970**	**906**	**1160**	**1278**	**1259**	**1278**	**974**	**865**	**865**	**909**	**1200**	**1300**

Table A-3: Regional: Imports

Operating Year 2025

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Contract	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
	Contracts	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2	BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4	**Total Imports From CAN**	**146**	**146**	**146**	**147**	**102**	**124**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**
	East Continental Divide														
	Transfer Services														
5	Unk_ECD_Mrktr to Other Entities	194	194	172	169	175	187	196	182	175	161	161	163	185	205
6	**Total Imports From ECD**	**194**	**194**	**172**	**169**	**175**	**187**	**196**	**182**	**175**	**161**	**161**	**163**	**185**	**205**
	Inland Southwest														
	Transfer Services														
7	RMP to RMP TS PwrP	804	804	657	595	588	673	613	613	591	561	561	604	879	961
8	**Total Imports From ISW**	**804**	**804**	**657**	**595**	**588**	**673**	**613**	**613**	**591**	**561**	**561**	**604**	**879**	**961**
	Pacific Southwest														
	Contracts	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**
9	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
16	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**
	Total Imports														
17	Federal Entities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
18	Investor Owned Utilities	807	807	660	598	892	977	918	917	595	565	565	607	882	964
19	Marketer	194	194	172	169	175	187	196	182	175	161	161	163	185	205
20	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
21	**Total Imports**	**1144**	**1144**	**975**	**911**	**1165**	**1283**	**1264**	**1282**	**979**	**869**	**869**	**914**	**1210**	**1312**

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Exhibit 4
Table A-4: Regional Intra-Regional Transfers

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Intra-Regional Transfers														
	Contracts	**647**	**650**	**872**	**878**	**1078**	**1062**	**1063**	**1055**	**991**	**959**	**957**	**611**	**895**	**626**
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	0
2	AVWP to PGE CapX Del	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	90.0	91.0	91.0	91.0	64.0	46.0	46.0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5	BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	90.0	91.0	91.0	91.0	64.0	46.0	46.0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11	CLAT to IPC NX Ret	7.00	7.00	4.00	0	0	4.00	0	0	0	0	0	0	0	0
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	GCPD to PPL PwrS LTFirm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
14	GHPD to GHP PwrS LTFirm	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
15	IPC to CLAT NX Del	0	0	0	19.0	17.0	0	0	0	0	0	0	0	0	0
16	JPMV to BPA-P PwrP T2	0	0	0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
17	NWE to MVP PwrS LTFirm	11.2	11.2	11.2	11.2	7.47	7.47	7.47	7.47	7.47	11.2	11.2	11.2	11.2	11.2
18	Other Entities to BPA-P	120	120	99.1	30.0	27.0	22.1	27.1	19.6	37.2	46.0	46.0	42.4	54.9	46.8
19	Other Entities to COPD	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
20	Other Entities to DOPD	20.0	20.0	20.0	30.0	53.0	53.0	53.0	53.0	30.0	20.0	20.0	20.0	20.0	20.0
21	Other Entities to Other Entities	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
22	Other Entities to PGE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to PPL PwrS LTFirm	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
25	PPL to BPA-P NSP SOut	2.50	5.00	4.60	4.90	3.50	3.00	3.00	2.10	4.60	6.50	4.10	4.30	6.60	5.70
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSE to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	0
30	SCL to POPD PwrS LTFirm	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	**Total Intra-Regional Transfers**	**647**	**650**	**872**	**878**	**1078**	**1062**	**1063**	**1055**	**991**	**959**	**957**	**611**	**895**	**626**
	Intra-Regional Contracts Out														
34	Federal Entities	9.44	9.44	9.44	9.44	196	198	198	198	137	101	101	9.44	9.44	9.44
35	Investor Owned Utilities	316	318	558	571	561	539	544	536	556	570	567	302	580	309
36	Marketer	222	222	222	219	242	242	242	242	219	209	209	209	209	209
37	Municipality	63.8	63.8	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.1	67.7	69.0
38	Public Utility District	36.5	36.5	33.5	29.5	29.5	33.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
39	**Total Regional Contracts Out**	**647**	**650**	**872**	**878**	**1078**	**1062**	**1063**	**1055**	**991**	**959**	**957**	**611**	**895**	**626**
	Intra-Regional Contracts In														
40	Federal Entities	143	146	386	368	360	355	360	352	372	386	384	118	395	124
41	Investor Owned Utilities	391	391	374	370	557	563	559	559	498	462	462	381	388	389
42	Marketer	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
43	Municipality	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
44	Public Utility District	93.0	93.0	93.0	122	143	126	126	126	103	93.0	93.0	93.0	93.0	93.0
45	**Total Regional Contracts In**	**647**	**650**	**872**	**878**	**1078**	**1062**	**1063**	**1055**	**991**	**959**	**957**	**611**	**895**	**626**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Intra-Regional Transfers														
	Contracts	**614**	**616**	**842**	**748**	**934**	**931**	**786**	**778**	**729**	**703**	**701**	**355**	**639**	**370**
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	0
2	AVWP to PGE CapX Del	150	150	150	150	150	150	0	0	0	0	0	0	0	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	90.0	91.0	91.0	91.0	64.0	46.0	46.0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5	BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	90.0	91.0	91.0	91.0	64.0	46.0	46.0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11	CLAT to IPC NX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	GCPD to PPL PwrS LTFirm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
14	GHPD to GHP PwrS LTFirm	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
15	IPC to CLAT NX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	JPMV to BPA-P PwrP T2	51.0	51.0	51.0	0	0	0	0	0	0	0	0	0	0	0
17	NWE to MVP PwrS LTFirm	11.2	11.2	11.2	11.2	7.47	7.47	7.47	7.47	7.47	11.2	11.2	11.2	11.2	11.2
18	Other Entities to BPA-P	56.3	56.3	35.1	88.0	85.0	80.1	85.1	77.6	95.2	104	104	100	113	105
19	Other Entities to COPD	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
20	Other Entities to DOPD	7.00	7.00	7.00	11.0	19.0	19.0	19.0	19.0	11.0	7.00	7.00	7.00	7.00	7.00
21	Other Entities to Other Entities	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
22	Other Entities to PGE	100.0	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to PPL PwrS LTFirm	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
25	PPL to BPA-P NSP SOut	2.50	4.60	4.60	5.10	3.40	3.00	3.00	2.10	4.60	6.50	4.50	4.10	6.60	5.70
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSE to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	0
30	SCL to POPD PwrS LTFirm	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	**Total Intra-Regional Transfers**	**614**	**616**	**842**	**748**	**934**	**931**	**786**	**778**	**729**	**703**	**701**	**355**	**639**	**370**
	Intra-Regional Contracts Out														
34	Federal Entities	9.44	9.44	9.44	9.44	196	198	198	198	137	101	101	9.44	9.44	9.44
35	Investor Owned Utilities	316	318	558	453	444	439	294	286	306	320	318	52.2	330	59.3
36	Marketer	196	196	196	207	215	215	215	215	207	203	203	203	203	203
37	Municipality	63.8	63.8	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.1	67.7	69.0
38	Public Utility District	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
39	**Total Regional Contracts Out**	**614**	**616**	**842**	**748**	**934**	**931**	**786**	**778**	**729**	**703**	**701**	**355**	**639**	**370**
	Intra-Regional Contracts In														
40	Federal Entities	130	133	373	376	367	362	367	359	379	393	391	125	402	131
41	Investor Owned Utilities	384	384	370	270	457	459	309	309	248	212	212	131	138	139
42	Marketer	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
43	Municipality	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
44	Public Utility District	80.0	80.0	80.0	84.0	92.0	92.0	92.0	92.0	84.0	80.0	80.0	80.0	80.0	80.0
45	**Total Regional Contracts In**	**614**	**616**	**842**	**748**	**934**	**931**	**786**	**778**	**729**	**703**	**701**	**355**	**639**	**370**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Intra-Regional Transfers														
	Contracts	**364**	**366**	**461**	**479**	**551**	**547**	**552**	**544**	**530**	**526**	**524**	**355**	**508**	**370**
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	0
2	AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	90.0	91.0	91.0	91.0	64.0	46.0	46.0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5	BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11	CLAT to IPC NX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	GCPD to PPL PwrS LTFirm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
14	GHPD to GHP PwrS LTFirm	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
15	IPC to CLAT NX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NWE to MVP PwrS LTFirm	11.2	11.2	11.2	11.2	7.47	7.47	7.47	7.47	7.47	11.2	11.2	11.2	11.2	11.2
18	Other Entities to BPA-P	114	114	93.1	111	92.0	87.1	92.1	84.6	102	111	111	107	120	112
19	Other Entities to COPD	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
20	Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Entities to Other Entities	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
22	Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to PPL PwrS LTFirm	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
25	PPL to BPA-P NSP SOut	2.50	4.60	4.60	5.10	3.40	3.10	2.90	2.10	4.60	7.00	4.10	4.10	6.60	5.70
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSE to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SCL to POPD PwrS LTFirm	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	**Total Intra-Regional Transfers**	**364**	**366**	**461**	**479**	**551**	**547**	**552**	**544**	**530**	**526**	**524**	**355**	**508**	**370**
	Intra-Regional Contracts Out														
34	Federal Entities	9.44	9.44	9.44	9.44	106	107	107	107	73.4	55.4	55.4	9.44	9.44	9.44
35	Investor Owned Utilities	65.6	67.7	177	172	163	158	163	155	175	189	186	52.2	199	59.3
36	Marketer	196	196	196	219	203	203	203	203	203	203	203	203	203	203
37	Municipality	63.8	63.8	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.1	67.7	69.0
38	Public Utility District	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
39	**Total Regional Contracts Out**	**364**	**366**	**461**	**479**	**551**	**547**	**552**	**544**	**530**	**526**	**524**	**355**	**508**	**370**
	Intra-Regional Contracts In														
40	Federal Entities	137	140	249	268	243	238	243	235	255	270	267	132	278	138
41	Investor Owned Utilities	134	134	120	120	217	218	218	218	184	166	166	131	138	139
42	Marketer	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
43	Municipality	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
44	Public Utility District	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
45	**Total Regional Contracts In**	**364**	**366**	**461**	**479**	**551**	**547**	**552**	**544**	**530**	**526**	**524**	**355**	**508**	**370**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Intra-Regional Transfers														
	Contracts	**371**	**373**	**468**	**466**	**555**	**551**	**556**	**548**	**506**	**493**	**491**	**326**	**467**	**336**
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	0
2	AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	90.0	91.0	91.0	91.0	64.0	46.0	46.0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5	BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11	CLAT to IPC NX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	GCPD to PPL PwrS LTFirm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
14	GHPD to GHP PwrS LTFirm	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
15	IPC to CLAT NX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NWE to MVP PwrS LTFirm	11.2	11.2	11.2	11.2	7.47	7.47	7.47	7.47	7.47	11.2	11.2	11.2	11.2	11.2
18	Other Entities to BPA-P	121	121	100	99.0	96.0	91.1	96.1	88.6	78.0	78.0	78.0	78.0	78.0	78.0
19	Other Entities to COPD	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
20	Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Entities to Other Entities	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
22	Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to PPL PwrS LTFirm	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
25	PPL to BPA-P NSP SOut	2.50	4.60	4.80	4.90	3.40	3.10	2.90	2.10	4.80	6.50	4.10	4.10	6.90	5.50
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSE to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SCL to POPD PwrS LTFirm	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	**Total Intra-Regional Transfers**	**371**	**373**	**468**	**466**	**555**	**551**	**556**	**548**	**506**	**493**	**491**	**326**	**467**	**336**
	Intra-Regional Contracts Out														
34	Federal Entities	9.44	9.44	9.44	9.44	106	107	107	107	73.4	55.4	55.4	9.44	9.44	9.44
35	Investor Owned Utilities	65.6	67.7	177	171	163	158	163	155	147	152	149	18.9	153	21.3
36	Marketer	203	203	203	207	207	207	207	207	207	207	207	207	207	207
37	Municipality	63.8	63.8	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.1	67.7	69.0
38	Public Utility District	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
39	**Total Regional Contracts Out**	**371**	**373**	**468**	**466**	**555**	**551**	**556**	**548**	**506**	**493**	**491**	**326**	**467**	**336**
	Intra-Regional Contracts In														
40	Federal Entities	144	147	257	255	247	242	247	239	231	236	234	103	237	104
41	Investor Owned Utilities	134	134	120	120	217	218	218	218	184	166	166	131	138	139
42	Marketer	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
43	Municipality	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
44	Public Utility District	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
45	**Total Regional Contracts In**	**371**	**373**	**468**	**466**	**555**	**551**	**556**	**548**	**506**	**493**	**491**	**326**	**467**	**336**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Intra-Regional Transfers														
	Contracts	**328**	**330**	**315**	**237**	**238**	**238**	**238**	**237**	**233**	**238**	**236**	**248**	**258**	**258**
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5	BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11	CLAT to IPC NX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	GCPD to PPL PwrS LTFirm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
14	GHPD to GHP PwrS LTFirm	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
15	IPC to CLAT NX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NWE to MVP PwrS LTFirm	11.2	11.2	11.2	11.2	7.47	7.47	7.47	7.47	7.47	11.2	11.2	11.2	11.2	11.2
18	Other Entities to BPA-P	78.0	78.0	78.0	0	0	0	0	0	0	0	0	0	0	0
19	Other Entities to COPD	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
20	Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Entities to Other Entities	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
22	Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to PPL PwrS LTFirm	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
25	PPL to BPA-P NSP SOut	2.50	4.60	4.80	4.90	3.40	3.10	2.90	2.10	4.80	6.50	4.10	4.30	6.60	5.50
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSE to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SCL to POPD PwrS LTFirm	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	**Total Intra-Regional Transfers**	**328**	**330**	**315**	**237**	**238**	**238**	**238**	**237**	**233**	**238**	**236**	**248**	**258**	**258**
	Intra-Regional Contracts Out														
34	Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
35	Investor Owned Utilities	18.3	20.4	19.7	19.4	14.0	13.8	13.8	13.0	15.6	20.8	18.4	19.1	21.8	21.3
36	Marketer	207	207	207	129	129	129	129	129	129	129	129	129	129	129
37	Municipality	63.8	63.8	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.1	67.7	69.0
38	Public Utility District	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
39	**Total Regional Contracts Out**	**328**	**330**	**315**	**237**	**238**	**238**	**238**	**237**	**233**	**238**	**236**	**248**	**258**	**258**
	Intra-Regional Contracts In														
40	Federal Entities	101	103	103	25.5	20.3	20.0	19.8	19.0	21.7	27.1	24.7	24.9	27.2	26.1
41	Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
42	Marketer	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
43	Municipality	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
44	Public Utility District	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
45	**Total Regional Contracts In**	**328**	**330**	**315**	**237**	**238**	**238**	**238**	**237**	**233**	**238**	**236**	**248**	**258**	**258**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Intra-Regional Transfers														
	Contracts	**250**	**253**	**237**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5	BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11	CLAT to IPC NX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	GCPD to PPL PwrS LTFirm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
14	GHPD to GHP PwrS LTFirm	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
15	IPC to CLAT NX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NWE to MVP PwrS LTFirm	11.2	11.2	11.2	11.2	7.47	7.47	7.47	7.47	7.47	11.2	11.2	11.2	11.2	11.2
18	Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other Entities to COPD	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
20	Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Entities to Other Entities	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
22	Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to PPL PwrS LTFirm	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
25	PPL to BPA-P NSP SOut	2.50	5.00	4.60	0	0	0	0	0	0	0	0	0	0	0
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSE to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SCL to POPD PwrS LTFirm	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	**Total Intra-Regional Transfers**	**250**	**253**	**237**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
	Intra-Regional Contracts Out														
34	Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
35	Investor Owned Utilities	18.3	20.8	19.5	14.5	10.6	10.7	10.9	10.9	10.8	14.3	14.3	14.8	15.2	15.8
36	Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
37	Municipality	63.8	63.8	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.1	67.7	69.0
38	Public Utility District	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
39	**Total Regional Contracts Out**	**250**	**253**	**237**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
	Intra-Regional Contracts In														
40	Federal Entities	23.1	25.6	25.2	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
41	Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
42	Marketer	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
43	Municipality	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
44	Public Utility District	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
45	**Total Regional Contracts In**	**250**	**253**	**237**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Intra-Regional Transfers														
	Contracts	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5	BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11	CLAT to IPC NX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	GCPD to PPL PwrS LTFirm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
14	GHPD to GHP PwrS LTFirm	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
15	IPC to CLAT NX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NWE to MVP PwrS LTFirm	11.2	11.2	11.2	11.2	7.47	7.47	7.47	7.47	7.47	11.2	11.2	11.2	11.2	11.2
18	Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other Entities to COPD	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
20	Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Entities to Other Entities	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
22	Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to PPL PwrS LTFirm	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
25	PPL to BPA-P NSP SOut	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSE to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SCL to POPD PwrS LTFirm	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	**Total Intra-Regional Transfers**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
	Intra-Regional Contracts Out														
34	Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
35	Investor Owned Utilities	15.8	15.8	14.9	14.5	10.6	10.7	10.9	10.9	10.8	14.3	14.3	14.8	15.2	15.8
36	Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
37	Municipality	63.8	63.8	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.1	67.7	69.0
38	Public Utility District	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
39	**Total Regional Contracts Out**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
	Intra-Regional Contracts In														
40	Federal Entities	20.6	20.6	20.6	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
41	Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
42	Marketer	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
43	Municipality	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
44	Public Utility District	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
45	**Total Regional Contracts In**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Intra-Regional Transfers														
	Contracts	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5	BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11	CLAT to IPC NX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	GCPD to PPL PwrS LTFirm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
14	GHPD to GHP PwrS LTFirm	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
15	IPC to CLAT NX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NWE to MVP PwrS LTFirm	11.2	11.2	11.2	11.2	7.47	7.47	7.47	7.47	7.47	11.2	11.2	11.2	11.2	11.2
18	Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other Entities to COPD	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
20	Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Entities to Other Entities	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
22	Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to PPL PwrS LTFirm	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
25	PPL to BPA-P NSP SOut	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSE to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SCL to POPD PwrS LTFirm	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	**Total Intra-Regional Transfers**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
	Intra-Regional Contracts Out														
34	Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
35	Investor Owned Utilities	15.8	15.8	14.9	14.5	10.6	10.7	10.9	10.9	10.8	14.3	14.3	14.8	15.2	15.8
36	Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
37	Municipality	63.8	63.8	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.1	67.7	69.0
38	Public Utility District	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
39	**Total Regional Contracts Out**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
	Intra-Regional Contracts In														
40	Federal Entities	20.6	20.6	20.6	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
41	Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
42	Marketer	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
43	Municipality	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
44	Public Utility District	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
45	**Total Regional Contracts In**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2024

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Intra-Regional Transfers														
	Contracts	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5	BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11	CLAT to IPC NX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	GCPD to PPL PwrS LTFirm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
14	GHPD to GHP PwrS LTFirm	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
15	IPC to CLAT NX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NWE to MVP PwrS LTFirm	11.2	11.2	11.2	11.2	7.47	7.47	7.47	7.47	7.47	11.2	11.2	11.2	11.2	11.2
18	Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other Entities to COPD	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
20	Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Entities to Other Entities	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
22	Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to PPL PwrS LTFirm	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
25	PPL to BPA-P NSP SOut	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSE to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SCL to POPD PwrS LTFirm	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	**Total Intra-Regional Transfers**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
	Intra-Regional Contracts Out														
34	Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
35	Investor Owned Utilities	15.8	15.8	14.9	14.5	10.6	10.7	10.9	10.9	10.8	14.3	14.3	14.8	15.2	15.8
36	Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
37	Municipality	63.8	63.8	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.1	67.7	69.0
38	Public Utility District	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
39	**Total Regional Contracts Out**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
	Intra-Regional Contracts In														
40	Federal Entities	20.6	20.6	20.6	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
41	Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
42	Marketer	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
43	Municipality	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
44	Public Utility District	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
45	**Total Regional Contracts In**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2025

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Intra-Regional Transfers														
	Contracts	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5	BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11	CLAT to IPC NX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	GCPD to PPL PwrS LTFirm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
14	GHPD to GHP PwrS LTFirm	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
15	IPC to CLAT NX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NWE to MVP PwrS LTFirm	11.2	11.2	11.2	11.2	7.47	7.47	7.47	7.47	7.47	11.2	11.2	11.2	11.2	11.2
18	Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other Entities to COPD	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
20	Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Entities to Other Entities	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
22	Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to PPL PwrS LTFirm	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
25	PPL to BPA-P NSP SOut	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSE to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SCL to POPD PwrS LTFirm	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	**Total Intra-Regional Transfers**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
	Intra-Regional Contracts Out														
34	Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
35	Investor Owned Utilities	15.8	15.8	14.9	14.5	10.6	10.7	10.9	10.9	10.8	14.3	14.3	14.8	15.2	15.8
36	Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
37	Municipality	63.8	63.8	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.1	67.7	69.0
38	Public Utility District	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
39	**Total Regional Contracts Out**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**
	Intra-Regional Contracts In														
40	Federal Entities	20.6	20.6	20.6	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
41	Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
42	Marketer	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
43	Municipality	4.28	4.28	3.39	2.99	2.86	2.93	3.11	3.18	3.05	2.83	2.83	3.29	3.73	4.33
44	Public Utility District	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
45	**Total Regional Contracts In**	**248**	**248**	**232**	**232**	**235**	**235**	**235**	**235**	**228**	**231**	**231**	**244**	**251**	**253**

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Exhibit 5
Table A-9: Regional Small Hydro

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-9: Regional: Small Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Hydro														
1	Albany-Millersburg Hydro Project	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	Amy Ranch	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
3	Arena Drop	0.31	0.31	0.31	0	0	0	0	0	0	0.31	0.31	0.31	0.31	0.31
4	Barber Dam	3.01	3.01	2.44	1.05	0.39	1.23	2.73	3.33	4.14	4.06	4.06	3.97	4.10	4.14
5	Barney Creek	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01
6	Beaverton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bell Mountain	0.12	0.12	0.10	0.21	0.05	0.12	0.10	0.13	0.13	0.11	0.11	0.13	0.19	0.13
8	Big Elk Creek YMCA Camp	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
9	Big Sheep Creek	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	Bigg's Creek (Pickering Micro)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	Billingsley Creek	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
12	Birch Creek Diversion Dam	0.04	0.04	0.05	0.05	0.06	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
13	Birch Creek (Gooding,ID)	1.25	1.25	1.11	1.00	1.14	1.10	0.31	1.19	1.73	1.63	1.63	1.60	1.34	1.19
14	Black Canyon #3	0.11	0.11	0.06	0.05	0.06	0	0	0	0.09	0.09	0.09	0.09	0.11	0.11
15	Black Creek	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
16	Blind Canyon	0.73	0.73	1.09	0.89	0.15	0	0	0	0	0.57	0.57	1.61	0.97	0.73
17	Boulder Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
18	Box Canyon Springs	0.42	0.42	0.40	0.39	0.40	0.31	0.31	0.34	0.28	0.29	0.29	0.28	0.43	0.42
19	Briggs Creek	0.59	0.59	0.61	0.59	0.61	0.59	0.59	0.65	0.59	0.61	0.61	0.59	0.61	0.59
20	Briggs Project	0.20	0.20	0.12	0.21	0.21	0.22	0.13	0.20	0.22	0.13	0.13	0.20	0.19	0.12
21	Broadwater	1.77	1.81	2.13	2.76	2.98	2.91	2.85	2.78	2.79	3.11	3.04	3.59	3.05	2.33
22	Buffalo Hydro	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
23	Burr & Bouchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Burton Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Bypass	8.26	8.26	6.54	2.82	0.99	0	0	0	0.06	2.94	2.94	7.01	8.16	8.68
26	Canyon Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
27	Canyon Springs	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09
28	Carlton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Cascade Creek	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	C-Drop Hydro	1.10	1.10	1.10	0	0	0	0	0	0	1.10	1.10	1.10	1.10	1.10
31	Cedar Draw Creek	0.30	0.30	0.92	0.89	0.92	1.16	1.16	1.28	0.42	0.43	0.43	0.42	0.31	0.30
32	Central Oregon Siphon	3.10	3.10	3.71	3.47	0.02	0.69	0	0.40	0.87	0.83	0.83	4.47	3.83	4.09
33	Cereghino	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
34	Chester Hydroelectic Plant	0.20	0.20	0.68	0.58	0.36	0.54	0.53	0.72	0.50	0.70	0.70	1.07	1.14	0.80
35	Clear Springs Trout	0.43	0.43	0.44	0.52	0.60	0.56	0.41	0.47	0.35	0.35	0.35	0.35	0.36	0.43
36	Company Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
37	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Cowiche	0.80	0.80	0.80	0.80	0	0	0	0	0	0	0.80	0.80	0.80	0.80
39	Crystal Springs	2.10	2.10	2.44	2.36	2.44	0.84	0.84	0.93	1.30	1.34	1.34	1.30	2.17	2.10
40	Curry Cattle Co.	0.21	0.21	0.22	0.14	0.08	0.05	0.04	0.04	0.07	0.09	0.09	0.18	0.20	0.18
41	Curtiss Livestock	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
42	Cushman North Fork	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
43	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Deep Creek	0.01	0.01	0.01	0	0	0	0	0	0	0.01	0.01	0.02	0.03	0.02
45	Denny Creek	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
46	Dietrich Drop	4.67	4.67	3.56	3.09	1.37	0	0	0	0	3.09	3.09	4.67	4.67	4.52
47	Donald Jenni	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.07
48	Dry Creek	0.94	0.94	1.00	0.80	0.43	0	0.33	0.27	0.37	0.41	0.41	0.90	2.66	2.09
49	Dworshak-Clearwater Hatchery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
50	Ebey Hill (Kevin Duncan)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
51	Elk Creek	1.94	1.94	0.02	0.02	0.02	0.16	0.16	0.17	1.63	1.68	1.68	1.63	2.00	1.94
52	Eltopia Branch Canal 4.6	1.80	1.80	1.20	0.60	0	0	0	0	0	1.40	1.40	2.00	2.00	2.20
53	Esquatzel Small Hydro	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
54	Falls Creek (Or)	0	0	0	0	1.88	3.08	0.91	2.72	2.66	4.35	4.35	4.11	3.82	0
55	Falls Creek (Wa)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
56	Falls River Hydro	6.46	6.46	6.29	5.72	5.58	4.96	4.18	3.75	3.79	6.22	6.22	7.91	8.55	7.08
57	Farmers Irr Dist Proj No 2	0.35	0.35	0.45	0.77	2.02	2.00	1.34	2.88	2.04	2.19	2.19	2.96	0.52	0.45
58	Farmers Irr Dist Proj No 3	0.21	0.21	0.27	0.46	1.21	1.20	0.81	1.73	1.22	1.32	1.32	1.77	0.31	0.27

Table A-9: Regional: Small Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60	Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61	Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62	Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63	Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64	Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65	Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66	Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67	Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68	Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69	Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70	Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71	Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72	Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73	Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74	Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76	James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77	Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78	John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	0	3.37	3.37	3.37	3.37	3.37
80	Kasel-Withersppon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81	Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82	Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83	Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84	L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85	Lacomb	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86	Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87	Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88	Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89	Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90	Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91	Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92	Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93	Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94	Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95	Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97	Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98	Loyd F. Fery Farms	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04
99	LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100	Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101	Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102	Magic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103	Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104	Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105	Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106	Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107	Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108	Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0	0.62	0.62	1.20	1.29	1.36
109	Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112	Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113	Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114	Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115	Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116	Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117	N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119	Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120	North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	O. J. Power Company	0.01	0.01	0.07	0.03	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.08	0.11	0.10
123	Odell Creek	0.03	0.03	0.04	0.04	0.01	0.03	0.02	0.03	0.04	0.05	0.05	0.01	0	0.03
124	Opal Springs	2.63	2.63	2.95	3.62	3.16	2.94	2.94	3.51	2.60	2.71	2.71	4.47	1.62	2.23
125	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
126	Owyhee Dam	3.58	3.58	2.56	0.76	0	0	0.31	0.82	2.27	4.31	4.31	5.00	4.29	4.07
127	Owyhee Tunnel No 1	5.05	5.05	3.02	0.64	0	0	0	0	2.78	6.02	6.02	6.89	6.91	7.00
128	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
129	PEC Headworks	4.50	4.50	3.10	3.00	0	0	0	0	2.80	5.10	5.10	6.50	6.20	5.80
130	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Phillipsburg	0.03	0.03	0.04	0.04	0.03	0.05	0.07	0.05	0.04	0.04	0.04	0.04	0.03	0.03
132	Pine Creek	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08
133	Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
134	Portland Hydro Project	2.34	2.34	2.92	6.66	16.2	19.9	18.4	17.2	16.4	17.4	17.4	15.1	8.42	3.16
135	Portneuf River	0.24	0.24	0.11	0.05	0.10	0.11	0	0	0	0	0	0.22	0.58	0.38
136	Potholes East Canal	1.80	1.80	1.80	1.60	0	0	0	0	0.60	1.80	1.80	1.80	1.80	1.80
137	Preston	0.31	0.31	0.38	0.37	0.38	0.37	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.38
138	Pristine Springs	0.28	0.28	0.41	0.43	0.31	0.33	0.28	0.25	0.27	0.35	0.35	0.37	0.32	0.28
139	Quincy Chute	9.00	9.00	8.00	5.00	0	0	0	0	5.00	8.00	8.00	9.00	9.00	9.00
140	Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
141	Reynolds Irrigation District	0.15	0.15	0.25	0.24	0.25	0.24	0.24	0.26	0.20	0.21	0.21	0.20	0.16	0.15
142	Rim View	0.17	0.17	0.25	0.26	0.19	0.20	0.17	0.15	0.16	0.22	0.22	0.23	0.20	0.17
143	Rock Creek #1	1.34	1.34	1.92	2.05	1.47	1.57	1.31	1.18	1.28	1.68	1.68	1.74	1.53	1.34
144	Rock Creek No 2	1.82	1.82	1.84	1.89	1.87	1.87	0.63	0.40	1.63	1.87	1.87	1.87	1.87	1.64
145	Rocky Brook	0.49	0.49	0	1.11	1.49	1.60	1.59	1.62	1.58	1.58	1.58	1.58	1.09	0.19
146	Russell D. Smith	4.00	4.00	2.60	1.40	0	0	0	0	0.20	2.40	2.40	3.80	4.20	3.40
147	Sagebrush	0.40	0.40	0.26	0.25	0.26	0.08	0.08	0.09	0.26	0.26	0.26	0.26	0.41	0.40
148	Sahko	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
149	Schaffner	0.36	0.36	0.26	0.25	0.26	0.14	0.14	0.16	0.29	0.30	0.30	0.29	0.37	0.36
150	Shingle Creek	0.11	0.11	0.16	0.17	0.12	0.13	0.11	0.10	0.10	0.14	0.14	0.14	0.12	0.11
151	Shoshone	0.90	0.90	0.92	0.29	0.31	0.05	0.04	0.02	0.10	0.54	0.54	0.84	0.82	0.86
152	Skookumchuck	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	Smith Creek (Washington)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
154	Snake River Pottery	0.03	0.03	0.04	0.04	0.04	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.03
155	Snedigar Ranch	0.38	0.38	0.54	0.52	0.54	0.37	0.37	0.41	0.28	0.29	0.29	0.28	0.39	0.38
156	South Dry Creek	0.52	0.53	0.49	0.50	0	0	0	0	0.50	0.50	0.49	0.58	0.49	0.47
157	Spencer Lake Hydro	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
158	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stevenson #1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
161	Stevenson #2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
162	Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
163	Summer Falls	78.8	78.8	48.4	21.6	0	0	0	0	4.80	50.0	50.0	71.4	81.0	87.4
164	Sunshine	0.10	0.10	0.06	0.06	0.06	0.04	0.04	0.05	0.07	0.07	0.07	0.07	0.10	0.10
165	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Thompson's Mills	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.07	0.05	0.07	0.03
167	Tiber Dam	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
168	Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
169	Trinity	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
170	Twin Falls (WA)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
171	Upper Pine Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
172	Upriver Dam	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
173	Walla Walla	1.54	1.54	1.44	1.28	1.17	1.29	1.17	1.53	1.75	1.77	1.77	1.48	1.54	1.76
174	Water Street	0.02	0.02	0.09	0.14	0.16	0.15	0.10	0.12	0.12	0.16	0.16	0.14	0.14	0.07
175	Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
176	Weeks Falls	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Table A-9: Regional: Small Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	White Ranch	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
178	White Water Ranch	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.08	0.08	0.08	0.08	0.07	0.07
179	Whitefish	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
180	Wilson Lake	7.07	7.07	5.27	2.00	0.25	0	0	0	0.03	2.32	2.32	6.05	6.83	7.63
181	Wisconsin Noble	0.04	0.04	0.05	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.03
182	Wolf Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
183	Woods Creek	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
184	Yakama Drop 2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
185	Yakama Drop 3	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
186	Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
187	Zena Creek Ranch	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	Total Small Hydro														
188	Cooperative	2.19	2.19	2.56	2.31	1.98	2.28	2.15	2.69	2.70	2.93	2.93	3.00	3.13	3.01
189	Federal Entities	3.69	3.69	3.20	4.31	4.69	4.80	4.79	4.82	4.78	4.78	4.78	4.78	4.29	3.39
190	Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
191	Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
192	Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
193	Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
194	**Total Small Hydro**	**384**	**382**	**311**	**227**	**174**	**162**	**157**	**169**	**207**	**325**	**327**	**448**	**464**	**455**

Table A-9: Regional: Small Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Hydro														
1	Albany-Millersburg Hydro Project	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	Amy Ranch	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
3	Arena Drop	0.31	0.31	0.31	0	0	0	0	0	0	0.31	0.31	0.31	0.31	0.31
4	Barber Dam	3.01	3.01	2.44	1.05	0.39	1.23	2.73	3.33	4.14	4.06	4.06	3.97	4.10	4.14
5	Barney Creek	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01
6	Beaverton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bell Mountain	0.12	0.12	0.10	0.21	0.05	0.12	0.10	0.13	0.13	0.11	0.11	0.13	0.19	0.13
8	Big Elk Creek YMCA Camp	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
9	Big Sheep Creek	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	Bigg's Creek (Pickering Micro)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	Billingsley Creek	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
12	Birch Creek Diversion Dam	0.04	0.04	0.05	0.05	0.06	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
13	Birch Creek (Gooding,ID)	1.25	1.25	1.11	1.00	1.14	1.10	0.31	1.19	1.73	1.63	1.63	1.60	1.34	1.19
14	Black Canyon #3	0.11	0.11	0.06	0.05	0.06	0	0	0	0.09	0.09	0.09	0.09	0.11	0.11
15	Black Creek	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
16	Blind Canyon	0.73	0.73	1.09	0.89	0.15	0	0	0	0	0.57	0.57	1.61	0.97	0.73
17	Boulder Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
18	Box Canyon Springs	0.42	0.42	0.40	0.39	0.40	0.31	0.31	0.34	0.28	0.29	0.29	0.28	0.43	0.42
19	Briggs Creek	0.59	0.59	0.61	0.59	0.61	0.59	0.59	0.65	0.59	0.61	0.61	0.59	0.61	0.59
20	Briggs Project	0.20	0.20	0.12	0.21	0.21	0.22	0.13	0.20	0.22	0.13	0.13	0.20	0.19	0.12
21	Broadwater	1.77	1.81	2.13	2.76	2.98	2.91	2.85	2.78	2.79	3.11	3.04	3.59	3.05	2.33
22	Buffalo Hydro	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
23	Burr & Bouchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Burton Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Bypass	8.26	8.26	6.54	2.82	0.99	0	0	0	0.06	2.94	2.94	7.01	8.16	8.68
26	Canyon Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
27	Canyon Springs	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09
28	Carlton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Cascade Creek	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	C-Drop Hydro	1.10	1.10	1.10	0	0	0	0	0	0	1.10	1.10	1.10	1.10	1.10
31	Cedar Draw Creek	0.30	0.30	0.92	0.89	0.92	1.16	1.16	1.28	0.42	0.43	0.43	0.42	0.31	0.30
32	Central Oregon Siphon	3.10	3.10	3.71	3.47	0.02	0.69	0	0.40	0.87	0.83	0.83	4.47	3.83	4.09
33	Cereghino	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
34	Chester Hydroelectic Plant	0.20	0.20	0.68	0.58	0.36	0.54	0.53	0.72	0.50	0.70	0.70	1.07	1.14	0.80
35	Clear Springs Trout	0.43	0.43	0.44	0.52	0.60	0.56	0.41	0.47	0.35	0.35	0.35	0.35	0.36	0.43
36	Company Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
37	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Cowiche	0.80	0.80	0.80	0.80	0	0	0	0	0	0	0.80	0.80	0.80	0.80
39	Crystal Springs	2.10	2.10	2.44	2.36	2.44	0.84	0.84	0.93	1.30	1.34	1.34	1.30	2.17	2.10
40	Curry Cattle Co.	0.21	0.21	0.22	0.14	0.08	0.05	0.04	0.04	0.07	0.09	0.09	0.18	0.20	0.18
41	Curtiss Livestock	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
42	Cushman North Fork	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
43	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Deep Creek	0.01	0.01	0.01	0	0	0	0	0	0	0.01	0.01	0.02	0.03	0.02
45	Denny Creek	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
46	Dietrich Drop	4.67	4.67	3.56	3.09	1.37	0	0	0	0	3.09	3.09	4.67	4.67	4.52
47	Donald Jenni	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.07
48	Dry Creek	0.94	0.94	1.00	0.80	0.43	0	0.33	0.27	0.37	0.41	0.41	0.90	2.66	2.09
49	Dworshak-Clearwater Hatchery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
50	Ebey Hill (Kevin Duncan)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
51	Elk Creek	1.94	1.94	0.02	0.02	0.02	0.16	0.16	0.17	1.63	1.68	1.68	1.63	2.00	1.94
52	Eltopia Branch Canal 4.6	1.80	1.80	1.20	0.60	0	0	0	0	0	1.40	1.40	2.00	2.00	2.20
53	Esquatzel Small Hydro	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
54	Falls Creek (Or)	0	0	0	0	1.88	3.08	0.91	2.72	2.66	4.35	4.35	4.11	3.82	0
55	Falls Creek (Wa)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
56	Falls River Hydro	6.46	6.46	6.29	5.72	5.58	4.96	4.18	3.75	3.79	6.22	6.22	7.91	8.55	7.08
57	Farmers Irr Dist Proj No 2	0.35	0.35	0.45	0.77	2.02	2.00	1.34	2.88	2.04	2.19	2.19	2.96	0.52	0.45
58	Farmers Irr Dist Proj No 3	0.21	0.21	0.27	0.46	1.21	1.20	0.81	1.73	1.22	1.32	1.32	1.77	0.31	0.27

Table A-9: Regional: Small Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60	Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61	Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62	Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63	Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64	Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65	Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66	Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67	Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68	Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69	Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70	Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71	Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72	Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73	Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74	Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76	James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77	Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78	John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	0	3.37	3.37	3.37	3.37	3.37
80	Kasel-Withersppon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81	Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82	Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83	Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84	L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85	Lacomb	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86	Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87	Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88	Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89	Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90	Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91	Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92	Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93	Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94	Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95	Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97	Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98	Loyd F. Fery Farms	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04
99	LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100	Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101	Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102	Magic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103	Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104	Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105	Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106	Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107	Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108	Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0	0.62	0.62	1.20	1.29	1.36
109	Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112	Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113	Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114	Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115	Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116	Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117	N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119	Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120	North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	O. J. Power Company	0.01	0.01	0.07	0.03	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.08	0.11	0.10
123	Odell Creek	0.03	0.03	0.04	0.04	0.01	0.03	0.02	0.03	0.04	0.05	0.05	0.01	0	0.03
124	Opal Springs	2.63	2.63	2.95	3.62	3.16	2.94	2.94	3.51	2.60	2.71	2.71	4.47	1.62	2.23
125	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
126	Owyhee Dam	3.58	3.58	2.56	0.76	0	0	0.31	0.82	2.27	4.31	4.31	5.00	4.29	4.07
127	Owyhee Tunnel No 1	5.05	5.05	3.02	0.64	0	0	0	0	2.78	6.02	6.02	6.89	6.91	7.00
128	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
129	PEC Headworks	4.50	4.50	3.10	3.00	0	0	0	0	2.80	5.10	5.10	6.50	6.20	5.80
130	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Phillipsburg	0.03	0.03	0.04	0.04	0.03	0.05	0.07	0.05	0.04	0.04	0.04	0.04	0.03	0.03
132	Pine Creek	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08
133	Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
134	Portland Hydro Project	2.34	2.34	2.92	6.66	16.2	19.9	18.4	17.2	16.4	17.4	17.4	15.1	8.42	3.16
135	Portneuf River	0.24	0.24	0.11	0.05	0.10	0.11	0	0	0	0	0	0.22	0.58	0.38
136	Potholes East Canal	1.80	1.80	1.80	1.60	0	0	0	0	0.60	1.80	1.80	1.80	1.80	1.80
137	Preston	0.31	0.31	0.38	0.37	0.38	0.37	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.38
138	Pristine Springs	0.28	0.28	0.41	0.43	0.31	0.33	0.28	0.25	0.27	0.35	0.35	0.37	0.32	0.28
139	Quincy Chute	9.00	9.00	8.00	5.00	0	0	0	0	5.00	8.00	8.00	9.00	9.00	9.00
140	Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
141	Reynolds Irrigation District	0.15	0.15	0.25	0.24	0.25	0.24	0.24	0.26	0.20	0.21	0.21	0.20	0.16	0.15
142	Rim View	0.17	0.17	0.25	0.26	0.19	0.20	0.17	0.15	0.16	0.22	0.22	0.23	0.20	0.17
143	Rock Creek #1	1.34	1.34	1.92	2.05	1.47	1.57	1.31	1.18	1.28	1.68	1.68	1.74	1.53	1.34
144	Rock Creek No 2	1.82	1.82	1.84	1.89	1.87	1.87	0.63	0.40	1.63	1.87	1.87	1.87	1.87	1.64
145	Rocky Brook	0.49	0.49	0	1.11	1.49	1.60	1.59	1.62	1.58	1.58	1.58	1.58	1.09	0.19
146	Russell D. Smith	4.00	4.00	2.60	1.40	0	0	0	0	0.20	2.40	2.40	3.80	4.20	3.40
147	Sagebrush	0.40	0.40	0.26	0.25	0.26	0.08	0.08	0.09	0.26	0.26	0.26	0.26	0.41	0.40
148	Sahko	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
149	Schaffner	0.36	0.36	0.26	0.25	0.26	0.14	0.14	0.16	0.29	0.30	0.30	0.29	0.37	0.36
150	Shingle Creek	0.11	0.11	0.16	0.17	0.12	0.13	0.11	0.10	0.10	0.14	0.14	0.14	0.12	0.11
151	Shoshone	0.90	0.90	0.92	0.29	0.31	0.05	0.04	0.02	0.10	0.54	0.54	0.84	0.82	0.86
152	Skookumchuck	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	Smith Creek (Washington)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
154	Snake River Pottery	0.03	0.03	0.04	0.04	0.04	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.03
155	Snedigar Ranch	0.38	0.38	0.54	0.52	0.54	0.37	0.37	0.41	0.28	0.29	0.29	0.28	0.39	0.38
156	South Dry Creek	0.52	0.53	0.49	0.50	0	0	0	0	0.50	0.50	0.49	0.58	0.49	0.47
157	Spencer Lake Hydro	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
158	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stevenson #1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
161	Stevenson #2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
162	Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
163	Summer Falls	78.8	78.8	48.4	21.6	0	0	0	0	4.80	50.0	50.0	71.4	81.0	87.4
164	Sunshine	0.10	0.10	0.06	0.06	0.06	0.04	0.04	0.05	0.07	0.07	0.07	0.07	0.10	0.10
165	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Thompson's Mills	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.07	0.05	0.07	0.03
167	Tiber Dam	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
168	Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
169	Trinity	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
170	Twin Falls (WA)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
171	Upper Pine Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
172	Upriver Dam	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
173	Walla Walla	1.54	1.54	1.44	1.28	1.17	1.29	1.17	1.53	1.75	1.77	1.77	1.48	1.54	1.76
174	Water Street	0.02	0.02	0.09	0.14	0.16	0.15	0.10	0.12	0.12	0.16	0.16	0.14	0.14	0.07
175	Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
176	Weeks Falls	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Table A-9: Regional: Small Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	White Ranch	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
178	White Water Ranch	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.08	0.08	0.08	0.08	0.07	0.07
179	Whitefish	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
180	Wilson Lake	7.07	7.07	5.27	2.00	0.25	0	0	0	0.03	2.32	2.32	6.05	6.83	7.63
181	Wisconsin Noble	0.04	0.04	0.05	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.03
182	Wolf Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
183	Woods Creek	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
184	Yakama Drop 2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
185	Yakama Drop 3	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
186	Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
187	Zena Creek Ranch	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	Total Small Hydro														
188	Cooperative	2.19	2.19	2.56	2.31	1.98	2.28	2.15	2.69	2.70	2.93	2.93	3.00	3.13	3.01
189	Federal Entities	3.69	3.69	3.20	4.31	4.69	4.80	4.79	4.82	4.78	4.78	4.78	4.78	4.29	3.39
190	Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
191	Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
192	Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
193	Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
194	**Total Small Hydro**	**384**	**382**	**311**	**227**	**174**	**162**	**157**	**169**	**207**	**325**	**327**	**448**	**464**	**455**

Table A-9: Regional: Small Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Hydro														
1	Albany-Millersburg Hydro Project	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	Amy Ranch	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
3	Arena Drop	0.31	0.31	0.31	0	0	0	0	0	0	0.31	0.31	0.31	0.31	0.31
4	Barber Dam	3.01	3.01	2.44	1.05	0.39	1.23	2.73	3.33	4.14	4.06	4.06	3.97	4.10	4.14
5	Barney Creek	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01
6	Beaverton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bell Mountain	0.12	0.12	0.10	0.21	0.05	0.12	0.10	0.13	0.13	0.11	0.11	0.13	0.19	0.13
8	Big Elk Creek YMCA Camp	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
9	Big Sheep Creek	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	Bigg's Creek (Pickering Micro)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	Billingsley Creek	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
12	Birch Creek Diversion Dam	0.04	0.04	0.05	0.05	0.06	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
13	Birch Creek (Gooding,ID)	1.25	1.25	1.11	1.00	1.14	1.10	0.31	1.19	1.73	1.63	1.63	1.60	1.34	1.19
14	Black Canyon #3	0.11	0.11	0.06	0.05	0.06	0	0	0	0.09	0.09	0.09	0.09	0.11	0.11
15	Black Creek	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
16	Blind Canyon	0.73	0.73	1.09	0.89	0.15	0	0	0	0	0.57	0.57	1.61	0.97	0.73
17	Boulder Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
18	Box Canyon Springs	0.42	0.42	0.40	0.39	0.40	0.31	0.31	0.34	0.28	0.29	0.29	0.28	0.43	0.42
19	Briggs Creek	0.59	0.59	0.61	0.59	0.61	0.59	0.59	0.65	0.59	0.61	0.61	0.59	0.61	0.59
20	Briggs Project	0.20	0.20	0.12	0.21	0.21	0.22	0.13	0.20	0.22	0.13	0.13	0.20	0.19	0.12
21	Broadwater	1.77	1.81	2.13	2.76	2.98	2.91	2.85	2.78	2.79	3.11	3.04	3.59	3.05	2.33
22	Buffalo Hydro	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
23	Burr & Bouchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Burton Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Bypass	8.26	8.26	6.54	2.82	0.99	0	0	0	0.06	2.94	2.94	7.01	8.16	8.68
26	Canyon Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
27	Canyon Springs	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09
28	Carlton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Cascade Creek	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	C-Drop Hydro	1.10	1.10	1.10	0	0	0	0	0	0	1.10	1.10	1.10	1.10	1.10
31	Cedar Draw Creek	0.30	0.30	0.92	0.89	0.92	1.16	1.16	1.28	0.42	0.43	0.43	0.42	0.31	0.30
32	Central Oregon Siphon	3.10	3.10	3.71	3.47	0.02	0.69	0	0.40	0.87	0.83	0.83	4.47	3.83	4.09
33	Cereghino	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
34	Chester Hydroelectic Plant	0.20	0.20	0.68	0.58	0.36	0.54	0.53	0.72	0.50	0.70	0.70	1.07	1.14	0.80
35	Clear Springs Trout	0.43	0.43	0.44	0.52	0.60	0.56	0.41	0.47	0.35	0.35	0.35	0.35	0.36	0.43
36	Company Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
37	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Cowiche	0.80	0.80	0.80	0.80	0	0	0	0	0	0	0.80	0.80	0.80	0.80
39	Crystal Springs	2.10	2.10	2.44	2.36	2.44	0.84	0.84	0.93	1.30	1.34	1.34	1.30	2.17	2.10
40	Curry Cattle Co.	0.21	0.21	0.22	0.14	0.08	0.05	0.04	0.04	0.07	0.09	0.09	0.18	0.20	0.18
41	Curtiss Livestock	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
42	Cushman North Fork	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
43	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Deep Creek	0.01	0.01	0.01	0	0	0	0	0	0	0.01	0.01	0.02	0.03	0.02
45	Denny Creek	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
46	Dietrich Drop	4.67	4.67	3.56	3.09	1.37	0	0	0	0	3.09	3.09	4.67	4.67	4.52
47	Donald Jenni	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.07
48	Dry Creek	0.94	0.94	1.00	0.80	0.43	0	0.33	0.27	0.37	0.41	0.41	0.90	2.66	2.09
49	Dworshak-Clearwater Hatchery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
50	Ebey Hill (Kevin Duncan)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
51	Elk Creek	1.94	1.94	0.02	0.02	0.02	0.16	0.16	0.17	1.63	1.68	1.68	1.63	2.00	1.94
52	Eltopia Branch Canal 4.6	1.80	1.80	1.20	0.60	0	0	0	0	0	1.40	1.40	2.00	2.00	2.20
53	Esquatzel Small Hydro	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
54	Falls Creek (Or)	0	0	0	0	1.88	3.08	0.91	2.72	2.66	4.35	4.35	4.11	3.82	0
55	Falls Creek (Wa)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
56	Falls River Hydro	6.46	6.46	6.29	5.72	5.58	4.96	4.18	3.75	3.79	6.22	6.22	7.91	8.55	7.08
57	Farmers Irr Dist Proj No 2	0.35	0.35	0.45	0.77	2.02	2.00	1.34	2.88	2.04	2.19	2.19	2.96	0.52	0.45
58	Farmers Irr Dist Proj No 3	0.21	0.21	0.27	0.46	1.21	1.20	0.81	1.73	1.22	1.32	1.32	1.77	0.31	0.27

Table A-9: Regional: Small Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60	Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61	Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62	Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63	Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64	Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65	Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66	Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67	Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68	Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69	Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70	Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71	Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72	Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73	Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74	Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76	James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77	Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78	John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	0	3.37	3.37	3.37	3.37	3.37
80	Kasel-Withersppon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81	Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82	Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83	Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84	L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85	Lacomb	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86	Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87	Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88	Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89	Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90	Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91	Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92	Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93	Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94	Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95	Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97	Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98	Loyd F. Fery Farms	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04
99	LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100	Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101	Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102	Magic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103	Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104	Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105	Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106	Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107	Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108	Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0	0.62	0.62	1.20	1.29	1.36
109	Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112	Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113	Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114	Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115	Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116	Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117	N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119	Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120	North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	O. J. Power Company	0.01	0.01	0.07	0.03	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.08	0.11	0.10
123	Odell Creek	0.03	0.03	0.04	0.04	0.01	0.03	0.02	0.03	0.04	0.05	0.05	0.01	0	0.03
124	Opal Springs	2.63	2.63	2.95	3.62	3.16	2.94	2.94	3.51	2.60	2.71	2.71	4.47	1.62	2.23
125	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
126	Owyhee Dam	3.58	3.58	2.56	0.76	0	0	0.31	0.82	2.27	4.31	4.31	5.00	4.29	4.07
127	Owyhee Tunnel No 1	5.05	5.05	3.02	0.64	0	0	0	0	2.78	6.02	6.02	6.89	6.91	7.00
128	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
129	PEC Headworks	4.50	4.50	3.10	3.00	0	0	0	0	2.80	5.10	5.10	6.50	6.20	5.80
130	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Phillipsburg	0.03	0.03	0.04	0.04	0.03	0.05	0.07	0.05	0.04	0.04	0.04	0.04	0.03	0.03
132	Pine Creek	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08
133	Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
134	Portland Hydro Project	2.34	2.34	2.92	6.66	16.2	19.9	18.4	17.2	16.4	17.4	17.4	15.1	8.42	3.16
135	Portneuf River	0.24	0.24	0.11	0.05	0.10	0.11	0	0	0	0	0	0.22	0.58	0.38
136	Potholes East Canal	1.80	1.80	1.80	1.60	0	0	0	0	0.60	1.80	1.80	1.80	1.80	1.80
137	Preston	0.31	0.31	0.38	0.37	0.38	0.37	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.38
138	Pristine Springs	0.28	0.28	0.41	0.43	0.31	0.33	0.28	0.25	0.27	0.35	0.35	0.37	0.32	0.28
139	Quincy Chute	9.00	9.00	8.00	5.00	0	0	0	0	5.00	8.00	8.00	9.00	9.00	9.00
140	Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
141	Reynolds Irrigation District	0.15	0.15	0.25	0.24	0.25	0.24	0.24	0.26	0.20	0.21	0.21	0.20	0.16	0.15
142	Rim View	0.17	0.17	0.25	0.26	0.19	0.20	0.17	0.15	0.16	0.22	0.22	0.23	0.20	0.17
143	Rock Creek #1	1.34	1.34	1.92	2.05	1.47	1.57	1.31	1.18	1.28	1.68	1.68	1.74	1.53	1.34
144	Rock Creek No 2	1.82	1.82	1.84	1.89	1.87	1.87	0.63	0.40	1.63	1.87	1.87	1.87	1.87	1.64
145	Rocky Brook	0.49	0.49	0	1.11	1.49	1.60	1.59	1.62	1.58	1.58	1.58	1.58	1.09	0.19
146	Russell D. Smith	4.00	4.00	2.60	1.40	0	0	0	0	0.20	2.40	2.40	3.80	4.20	3.40
147	Sagebrush	0.40	0.40	0.26	0.25	0.26	0.08	0.08	0.09	0.26	0.26	0.26	0.26	0.41	0.40
148	Sahko	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
149	Schaffner	0.36	0.36	0.26	0.25	0.26	0.14	0.14	0.16	0.29	0.30	0.30	0.29	0.37	0.36
150	Shingle Creek	0.11	0.11	0.16	0.17	0.12	0.13	0.11	0.10	0.10	0.14	0.14	0.14	0.12	0.11
151	Shoshone	0.90	0.90	0.92	0.29	0.31	0.05	0.04	0.02	0.10	0.54	0.54	0.84	0.82	0.86
152	Skookumchuck	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	Smith Creek (Washington)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
154	Snake River Pottery	0.03	0.03	0.04	0.04	0.04	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.03
155	Snedigar Ranch	0.38	0.38	0.54	0.52	0.54	0.37	0.37	0.41	0.28	0.29	0.29	0.28	0.39	0.38
156	South Dry Creek	0.52	0.53	0.49	0.50	0	0	0	0	0.50	0.50	0.49	0.58	0.49	0.47
157	Spencer Lake Hydro	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
158	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stevenson #1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
161	Stevenson #2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
162	Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
163	Summer Falls	78.8	78.8	48.4	21.6	0	0	0	0	4.80	50.0	50.0	71.4	81.0	87.4
164	Sunshine	0.10	0.10	0.06	0.06	0.06	0.04	0.04	0.05	0.07	0.07	0.07	0.07	0.10	0.10
165	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Thompson's Mills	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.07	0.05	0.07	0.03
167	Tiber Dam	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
168	Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
169	Trinity	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
170	Twin Falls (WA)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
171	Upper Pine Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
172	Upriver Dam	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
173	Walla Walla	1.54	1.54	1.44	1.28	1.17	1.29	1.17	1.53	1.75	1.77	1.77	1.48	1.54	1.76
174	Water Street	0.02	0.02	0.09	0.14	0.16	0.15	0.10	0.12	0.12	0.16	0.16	0.14	0.14	0.07
175	Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
176	Weeks Falls	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Table A-9: Regional: Small Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	White Ranch	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
178	White Water Ranch	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.08	0.08	0.08	0.08	0.07	0.07
179	Whitefish	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
180	Wilson Lake	7.07	7.07	5.27	2.00	0.25	0	0	0	0.03	2.32	2.32	6.05	6.83	7.63
181	Wisconsin Noble	0.04	0.04	0.05	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.03
182	Wolf Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
183	Woods Creek	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
184	Yakama Drop 2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
185	Yakama Drop 3	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
186	Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
187	Zena Creek Ranch	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	Total Small Hydro														
188	Cooperative	2.19	2.19	2.56	2.31	1.98	2.28	2.15	2.69	2.70	2.93	2.93	3.00	3.13	3.01
189	Federal Entities	3.69	3.69	3.20	4.31	4.69	4.80	4.79	4.82	4.78	4.78	4.78	4.78	4.29	3.39
190	Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
191	Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
192	Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
193	Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
194	**Total Small Hydro**	**384**	**382**	**311**	**227**	**174**	**162**	**157**	**169**	**207**	**325**	**327**	**448**	**464**	**455**

Table A-9: Regional: Small Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Hydro														
1	Albany-Millersburg Hydro Project	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	Amy Ranch	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
3	Arena Drop	0.31	0.31	0.31	0	0	0	0	0	0	0.31	0.31	0.31	0.31	0.31
4	Barber Dam	3.01	3.01	2.44	1.05	0.39	1.23	2.73	3.33	4.14	4.06	4.06	3.97	4.10	4.14
5	Barney Creek	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01
6	Beaverton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bell Mountain	0.12	0.12	0.10	0.21	0.05	0.12	0.10	0.13	0.13	0.11	0.11	0.13	0.19	0.13
8	Big Elk Creek YMCA Camp	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
9	Big Sheep Creek	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	Bigg's Creek (Pickering Micro)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	Billingsley Creek	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
12	Birch Creek Diversion Dam	0.04	0.04	0.05	0.05	0.06	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
13	Birch Creek (Gooding,ID)	1.25	1.25	1.11	1.00	1.14	1.10	0.31	1.19	1.73	1.63	1.63	1.60	1.34	1.19
14	Black Canyon #3	0.11	0.11	0.06	0.05	0.06	0	0	0	0.09	0.09	0.09	0.09	0.11	0.11
15	Black Creek	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
16	Blind Canyon	0.73	0.73	1.09	0.89	0.15	0	0	0	0	0.57	0.57	1.61	0.97	0.73
17	Boulder Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
18	Box Canyon Springs	0.42	0.42	0.40	0.39	0.40	0.31	0.31	0.34	0.28	0.29	0.29	0.28	0.43	0.42
19	Briggs Creek	0.59	0.59	0.61	0.59	0.61	0.59	0.59	0.65	0.59	0.61	0.61	0.59	0.61	0.59
20	Briggs Project	0.20	0.20	0.12	0.21	0.21	0.22	0.13	0.20	0.22	0.13	0.13	0.20	0.19	0.12
21	Broadwater	1.77	1.81	2.13	2.76	2.98	2.91	2.85	2.78	2.79	3.11	3.04	3.59	3.05	2.33
22	Buffalo Hydro	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
23	Burr & Bouchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Burton Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Bypass	8.26	8.26	6.54	2.82	0.99	0	0	0.06	2.94	2.94	7.01	8.16	8.68	8.26
26	Canyon Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
27	Canyon Springs	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09
28	Carlton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Cascade Creek	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	C-Drop Hydro	1.10	1.10	1.10	0	0	0	0	0	0	1.10	1.10	1.10	1.10	1.10
31	Cedar Draw Creek	0.30	0.30	0.92	0.89	0.92	1.16	1.16	1.28	0.42	0.43	0.43	0.42	0.31	0.30
32	Central Oregon Siphon	3.10	3.10	3.71	3.47	0.02	0.69	0	0.40	0.87	0.83	0.83	4.47	3.83	4.09
33	Cereghino	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
34	Chester Hydroelectic Plant	0.20	0.20	0.68	0.58	0.36	0.54	0.53	0.72	0.50	0.70	0.70	1.07	1.14	0.80
35	Clear Springs Trout	0.43	0.43	0.44	0.52	0.60	0.56	0.41	0.47	0.35	0.35	0.35	0.35	0.36	0.43
36	Company Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
37	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Cowiche	0.80	0.80	0.80	0.80	0	0	0	0	0	0	0.80	0.80	0.80	0.80
39	Crystal Springs	2.10	2.10	2.44	2.36	2.44	0.84	0.84	0.93	1.30	1.34	1.34	1.30	2.17	2.10
40	Curry Cattle Co.	0.21	0.21	0.22	0.14	0.08	0.05	0.04	0.04	0.07	0.09	0.09	0.18	0.20	0.18
41	Curtiss Livestock	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
42	Cushman North Fork	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
43	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Deep Creek	0.01	0.01	0.01	0	0	0	0	0	0	0.01	0.01	0.02	0.03	0.02
45	Denny Creek	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
46	Dietrich Drop	4.67	4.67	3.56	3.09	1.37	0	0	0	0	3.09	3.09	4.67	4.67	4.52
47	Donald Jenni	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.07
48	Dry Creek	0.94	0.94	1.00	0.80	0.43	0.33	0.27	0.37	0.41	0.41	0.90	2.66	2.09	0.94
49	Dworshak-Clearwater Hatchery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
50	Ebey Hill (Kevin Duncan)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
51	Elk Creek	1.94	1.94	0.02	0.02	0.02	0.16	0.16	0.17	1.63	1.68	1.68	1.63	2.00	1.94
52	Eltopia Branch Canal 4.6	1.80	1.80	1.20	0.60	0	0	0	0	0	1.40	1.40	2.00	2.00	2.20
53	Esquatzel Small Hydro	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
54	Falls Creek (Or)	0	0	0	0	1.88	3.08	0.91	2.72	2.66	4.35	4.35	4.11	3.82	0
55	Falls Creek (Wa)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
56	Falls River Hydro	6.46	6.46	6.29	5.72	5.58	4.96	4.18	3.75	3.79	6.22	6.22	7.91	8.55	7.08
57	Farmers Irr Dist Proj No 2	0.35	0.35	0.45	0.77	2.02	2.00	1.34	2.88	2.04	2.19	2.19	2.96	0.52	0.45
58	Farmers Irr Dist Proj No 3	0.21	0.21	0.27	0.46	1.21	1.20	0.81	1.73	1.22	1.32	1.32	1.77	0.31	0.27

Table A-9: Regional: Small Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60	Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61	Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62	Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63	Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64	Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65	Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66	Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67	Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68	Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69	Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70	Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71	Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72	Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73	Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74	Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76	James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77	Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78	John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	0	3.37	3.37	3.37	3.37	3.37
80	Kasel-Withersppon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81	Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82	Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83	Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84	L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85	Lacomb	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86	Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87	Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88	Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89	Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90	Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91	Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92	Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93	Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94	Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95	Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97	Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98	Loyd F. Fery Farms	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04
99	LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100	Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101	Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102	Magic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103	Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104	Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105	Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106	Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107	Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108	Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0	0.62	0.62	1.20	1.29	1.36
109	Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112	Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113	Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114	Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115	Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116	Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117	N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119	Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120	North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	O. J. Power Company	0.01	0.01	0.07	0.03	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.08	0.11	0.10
123	Odell Creek	0.03	0.03	0.04	0.04	0.01	0.03	0.02	0.03	0.04	0.05	0.05	0.01	0	0.03
124	Opal Springs	2.63	2.63	2.95	3.62	3.16	2.94	2.94	3.51	2.60	2.71	2.71	4.47	1.62	2.23
125	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
126	Owyhee Dam	3.58	3.58	2.56	0.76	0	0	0.31	0.82	2.27	4.31	4.31	5.00	4.29	4.07
127	Owyhee Tunnel No 1	5.05	5.05	3.02	0.64	0	0	0	0	2.78	6.02	6.02	6.89	6.91	7.00
128	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
129	PEC Headworks	4.50	4.50	3.10	3.00	0	0	0	0	2.80	5.10	5.10	6.50	6.20	5.80
130	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Phillipsburg	0.03	0.03	0.04	0.04	0.03	0.05	0.07	0.05	0.04	0.04	0.04	0.04	0.03	0.03
132	Pine Creek	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08
133	Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
134	Portland Hydro Project	2.34	2.34	2.92	6.66	16.2	19.9	18.4	17.2	16.4	17.4	17.4	15.1	8.42	3.16
135	Portneuf River	0.24	0.24	0.11	0.05	0.10	0.11	0	0	0	0	0	0.22	0.58	0.38
136	Potholes East Canal	1.80	1.80	1.80	1.60	0	0	0	0	0.60	1.80	1.80	1.80	1.80	1.80
137	Preston	0.31	0.31	0.38	0.37	0.38	0.37	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.38
138	Pristine Springs	0.28	0.28	0.41	0.43	0.31	0.33	0.28	0.25	0.27	0.35	0.35	0.37	0.32	0.28
139	Quincy Chute	9.00	9.00	8.00	5.00	0	0	0	0	5.00	8.00	8.00	9.00	9.00	9.00
140	Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
141	Reynolds Irrigation District	0.15	0.15	0.25	0.24	0.25	0.24	0.24	0.26	0.20	0.21	0.21	0.20	0.16	0.15
142	Rim View	0.17	0.17	0.25	0.26	0.19	0.20	0.17	0.15	0.16	0.22	0.22	0.23	0.20	0.17
143	Rock Creek #1	1.34	1.34	1.92	2.05	1.47	1.57	1.31	1.18	1.28	1.68	1.68	1.74	1.53	1.34
144	Rock Creek No 2	1.82	1.82	1.84	1.89	1.87	1.87	0.63	0.40	1.63	1.87	1.87	1.87	1.87	1.64
145	Rocky Brook	0.49	0.49	0	1.11	1.49	1.60	1.59	1.62	1.58	1.58	1.58	1.58	1.09	0.19
146	Russell D. Smith	4.00	4.00	2.60	1.40	0	0	0	0	0.20	2.40	2.40	3.80	4.20	3.40
147	Sagebrush	0.40	0.40	0.26	0.25	0.26	0.08	0.08	0.09	0.26	0.26	0.26	0.26	0.41	0.40
148	Sahko	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
149	Schaffner	0.36	0.36	0.26	0.25	0.26	0.14	0.14	0.16	0.29	0.30	0.30	0.29	0.37	0.36
150	Shingle Creek	0.11	0.11	0.16	0.17	0.12	0.13	0.11	0.10	0.10	0.14	0.14	0.14	0.12	0.11
151	Shoshone	0.90	0.90	0.92	0.29	0.31	0.05	0.04	0.02	0.10	0.54	0.54	0.84	0.82	0.86
152	Skookumchuck	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	Smith Creek (Washington)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
154	Snake River Pottery	0.03	0.03	0.04	0.04	0.04	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.03
155	Snedigar Ranch	0.38	0.38	0.54	0.52	0.54	0.37	0.37	0.41	0.28	0.29	0.29	0.28	0.39	0.38
156	South Dry Creek	0.52	0.53	0.49	0.50	0	0	0	0	0.50	0.50	0.49	0.58	0.49	0.47
157	Spencer Lake Hydro	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
158	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stevenson #1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
161	Stevenson #2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
162	Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
163	Summer Falls	78.8	78.8	48.4	21.6	0	0	0	0	4.80	50.0	50.0	71.4	81.0	87.4
164	Sunshine	0.10	0.10	0.06	0.06	0.06	0.04	0.04	0.05	0.07	0.07	0.07	0.07	0.10	0.10
165	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Thompson's Mills	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.07	0.05	0.07	0.03
167	Tiber Dam	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
168	Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
169	Trinity	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
170	Twin Falls (WA)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
171	Upper Pine Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
172	Upriver Dam	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
173	Walla Walla	1.54	1.54	1.44	1.28	1.17	1.29	1.17	1.53	1.75	1.77	1.77	1.48	1.54	1.76
174	Water Street	0.02	0.02	0.09	0.14	0.16	0.15	0.10	0.12	0.12	0.16	0.16	0.14	0.14	0.07
175	Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
176	Weeks Falls	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Table A-9: Regional: Small Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	White Ranch	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
178	White Water Ranch	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.08	0.08	0.08	0.08	0.07	0.07
179	Whitefish	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
180	Wilson Lake	7.07	7.07	5.27	2.00	0.25	0	0	0	0.03	2.32	2.32	6.05	6.83	7.63
181	Wisconsin Noble	0.04	0.04	0.05	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.03
182	Wolf Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
183	Woods Creek	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
184	Yakama Drop 2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
185	Yakama Drop 3	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
186	Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
187	Zena Creek Ranch	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Total Small Hydro															
188	Cooperative	2.19	2.19	2.56	2.31	1.98	2.28	2.15	2.69	2.70	2.93	2.93	3.00	3.13	3.01
189	Federal Entities	3.69	3.69	3.20	4.31	4.69	4.80	4.79	4.82	4.78	4.78	4.78	4.78	4.29	3.39
190	Investor Owned Utilities	218	218	197	166	154	142	137	146	168	207	213	250	244	229
191	Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
192	Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
193	Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
194	**Total Small Hydro**	**384**	**382**	**311**	**227**	**174**	**163**	**157**	**169**	**210**	**325**	**332**	**451**	**464**	**453**

Table A-9: Regional: Small Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Hydro														
1	Albany-Millersburg Hydro Project	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	Amy Ranch	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
3	Arena Drop	0.31	0.31	0.31	0	0	0	0	0	0	0.31	0.31	0.31	0.31	0.31
4	Barber Dam	3.01	3.01	2.44	1.05	0.39	1.23	2.73	3.33	4.14	4.06	4.06	3.97	4.10	4.14
5	Barney Creek	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01
6	Beaverton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bell Mountain	0.12	0.12	0.10	0.21	0.05	0.12	0.10	0.13	0.13	0.11	0.11	0.13	0.19	0.13
8	Big Elk Creek YMCA Camp	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
9	Big Sheep Creek	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	Bigg's Creek (Pickering Micro)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	Billingsley Creek	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
12	Birch Creek Diversion Dam	0.04	0.04	0.05	0.05	0.06	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
13	Birch Creek (Gooding,ID)	1.25	1.25	1.11	1.00	1.14	1.10	0.31	1.19	1.73	1.63	1.63	1.60	1.34	1.19
14	Black Canyon #3	0.11	0.11	0.06	0.05	0.06	0	0	0	0.09	0.09	0.09	0.09	0.11	0.11
15	Black Creek	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
16	Blind Canyon	0.73	0.73	1.09	0.89	0.15	0	0	0	0	0.57	0.57	1.61	0.97	0.73
17	Boulder Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
18	Box Canyon Springs	0.42	0.42	0.40	0.39	0.40	0.31	0.31	0.34	0.28	0.29	0.29	0.28	0.43	0.42
19	Briggs Creek	0.59	0.59	0.61	0.59	0.61	0.59	0.59	0.65	0.59	0.61	0.61	0.59	0.61	0.59
20	Briggs Project	0.20	0.20	0.12	0.21	0.21	0.22	0.13	0.20	0.22	0.13	0.13	0.20	0.19	0.12
21	Broadwater	1.77	1.81	2.13	2.76	2.98	2.91	2.85	2.78	2.79	3.11	3.04	3.59	3.05	2.33
22	Buffalo Hydro	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
23	Burr & Bouchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Burton Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Bypass	8.26	6.54	2.82	0.99	0	0	0	0	0.06	2.94	2.94	7.01	8.16	8.68
26	Canyon Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
27	Canyon Springs	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09
28	Carlton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Cascade Creek	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	C-Drop Hydro	1.10	1.10	1.10	0	0	0	0	0	0	1.10	1.10	1.10	1.10	1.10
31	Cedar Draw Creek	0.30	0.30	0.92	0.89	0.92	1.16	1.16	1.28	0.42	0.43	0.43	0.42	0.31	0.30
32	Central Oregon Siphon	3.10	3.10	3.71	3.47	0.02	0.69	0	0.40	0.87	0.83	0.83	4.47	3.83	4.09
33	Cereghino	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
34	Chester Hydroelectic Plant	0.20	0.20	0.68	0.58	0.36	0.54	0.53	0.72	0.50	0.70	0.70	1.07	1.14	0.80
35	Clear Springs Trout	0.43	0.43	0.44	0.52	0.60	0.56	0.41	0.47	0.35	0.35	0.35	0.35	0.36	0.43
36	Company Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
37	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Cowiche	0.80	0.80	0.80	0.80	0	0	0	0	0	0	0.80	0.80	0.80	0.80
39	Crystal Springs	2.10	2.10	2.44	2.36	2.44	0.84	0.84	0.93	1.30	1.34	1.34	1.30	2.17	2.10
40	Curry Cattle Co.	0.21	0.21	0.22	0.14	0.08	0.05	0.04	0.04	0.07	0.09	0.09	0.18	0.20	0.18
41	Curtiss Livestock	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
42	Cushman North Fork	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
43	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Deep Creek	0.01	0.01	0.01	0	0	0	0	0	0	0.01	0.01	0.02	0.03	0.02
45	Denny Creek	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
46	Dietrich Drop	4.67	4.67	3.56	3.09	1.37	0	0	0	0	3.09	3.09	4.67	4.67	4.52
47	Donald Jenni	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.07
48	Dry Creek	0.94	1.00	0.80	0.43	0.33	0.27	0.33	0.27	0.37	0.41	0.41	0.90	2.66	2.09
49	Dworshak-Clearwater Hatchery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
50	Ebey Hill (Kevin Duncan)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
51	Elk Creek	1.94	1.94	0.02	0.02	0.02	0.16	0.16	0.17	1.63	1.68	1.68	1.63	2.00	1.94
52	Eltopia Branch Canal 4.6	1.80	1.80	1.20	0.60	0	0	0	0	0	1.40	1.40	2.00	2.00	2.20
53	Esquatzel Small Hydro	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
54	Falls Creek (Or)	0	0	0	0	1.88	3.08	0.91	2.72	2.66	4.35	4.35	4.11	3.82	0
55	Falls Creek (Wa)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
56	Falls River Hydro	6.46	6.46	6.29	5.72	5.58	4.96	4.18	3.75	3.79	6.22	6.22	7.91	8.55	7.08
57	Farmers Irr Dist Proj No 2	0.35	0.35	0.45	0.77	2.02	2.00	1.34	2.88	2.04	2.19	2.19	2.96	0.52	0.45
58	Farmers Irr Dist Proj No 3	0.21	0.21	0.27	0.46	1.21	1.20	0.81	1.73	1.22	1.32	1.32	1.77	0.31	0.27

Table A-9: Regional: Small Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60	Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61	Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62	Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63	Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64	Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65	Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66	Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67	Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68	Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69	Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70	Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71	Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72	Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73	Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74	Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76	James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77	Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78	John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	0	3.37	3.37	3.37	3.37	3.37
80	Kasel-Withersppon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81	Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82	Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83	Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84	L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85	Lacomb	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86	Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87	Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88	Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89	Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90	Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91	Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92	Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93	Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94	Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95	Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97	Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98	Loyd F. Fery Farms	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04
99	LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100	Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101	Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102	Magic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103	Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104	Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105	Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106	Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107	Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108	Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0	0.62	0.62	1.20	1.29	1.36
109	Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112	Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113	Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114	Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115	Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116	Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117	N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119	Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120	North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	O. J. Power Company	0.01	0.01	0.07	0.03	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.08	0.11	0.10
123	Odell Creek	0.03	0.03	0.04	0.04	0.01	0.03	0.02	0.03	0.04	0.05	0.05	0.01	0	0.03
124	Opal Springs	2.63	2.63	2.95	3.62	3.16	2.94	2.94	3.51	2.60	2.71	2.71	4.47	1.62	2.23
125	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
126	Owyhee Dam	3.58	3.58	2.56	0.76	0	0	0.31	0.82	2.27	4.31	4.31	5.00	4.29	4.07
127	Owyhee Tunnel No 1	5.05	5.05	3.02	0.64	0	0	0	0	2.78	6.02	6.02	6.89	6.91	7.00
128	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
129	PEC Headworks	4.50	4.50	3.10	3.00	0	0	0	0	2.80	5.10	5.10	6.50	6.20	5.80
130	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Phillipsburg	0.03	0.03	0.04	0.04	0.03	0.05	0.07	0.05	0.04	0.04	0.04	0.04	0.03	0.03
132	Pine Creek	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08
133	Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
134	Portland Hydro Project	2.34	2.34	2.92	6.66	16.2	19.9	18.4	17.2	16.4	17.4	17.4	15.1	8.42	3.16
135	Portneuf River	0.24	0.24	0.11	0.05	0.10	0.11	0	0	0	0	0	0.22	0.58	0.38
136	Potholes East Canal	1.80	1.80	1.80	1.60	0	0	0	0	0.60	1.80	1.80	1.80	1.80	1.80
137	Preston	0.31	0.31	0.38	0.37	0.38	0.37	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.38
138	Pristine Springs	0.28	0.28	0.41	0.43	0.31	0.33	0.28	0.25	0.27	0.35	0.35	0.37	0.32	0.28
139	Quincy Chute	9.00	9.00	8.00	5.00	0	0	0	0	5.00	8.00	8.00	9.00	9.00	9.00
140	Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
141	Reynolds Irrigation District	0.15	0.15	0.25	0.24	0.25	0.24	0.24	0.26	0.20	0.21	0.21	0.20	0.16	0.15
142	Rim View	0.17	0.17	0.25	0.26	0.19	0.20	0.17	0.15	0.16	0.22	0.22	0.23	0.20	0.17
143	Rock Creek #1	1.34	1.34	1.92	2.05	1.47	1.57	1.31	1.18	1.28	1.68	1.68	1.74	1.53	1.34
144	Rock Creek No 2	1.82	1.82	1.84	1.89	1.87	1.87	0.63	0.40	1.63	1.87	1.87	1.87	1.87	1.64
145	Rocky Brook	0.49	0.49	0	1.11	1.49	1.60	1.59	1.62	1.58	1.58	1.58	1.58	1.09	0.19
146	Russell D. Smith	4.00	4.00	2.60	1.40	0	0	0	0	0.20	2.40	2.40	3.80	4.20	3.40
147	Sagebrush	0.40	0.40	0.26	0.25	0.26	0.08	0.08	0.09	0.26	0.26	0.26	0.26	0.41	0.40
148	Sahko	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
149	Schaffner	0.36	0.36	0.26	0.25	0.26	0.14	0.14	0.16	0.29	0.30	0.30	0.29	0.37	0.36
150	Shingle Creek	0.11	0.11	0.16	0.17	0.12	0.13	0.11	0.10	0.10	0.14	0.14	0.14	0.12	0.11
151	Shoshone	0.90	0.90	0.92	0.29	0.31	0.05	0.04	0.02	0.10	0.54	0.54	0.84	0.82	0.86
152	Skookumchuck	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	Smith Creek (Washington)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
154	Snake River Pottery	0.03	0.03	0.04	0.04	0.04	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.03
155	Snedigar Ranch	0.38	0.38	0.54	0.52	0.54	0.37	0.37	0.41	0.28	0.29	0.29	0.28	0.39	0.38
156	South Dry Creek	0.52	0.53	0.49	0.50	0	0	0	0	0.50	0.50	0.49	0.58	0.49	0.47
157	Spencer Lake Hydro	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
158	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stevenson #1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
161	Stevenson #2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
162	Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
163	Summer Falls	78.8	78.8	48.4	21.6	0	0	0	0	4.80	50.0	50.0	71.4	81.0	87.4
164	Sunshine	0.10	0.10	0.06	0.06	0.06	0.04	0.04	0.05	0.07	0.07	0.07	0.07	0.10	0.10
165	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Thompson's Mills	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.07	0.05	0.07	0.03
167	Tiber Dam	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
168	Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
169	Trinity	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
170	Twin Falls (WA)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
171	Upper Pine Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
172	Upriver Dam	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
173	Walla Walla	1.54	1.54	1.44	1.28	1.17	1.29	1.17	1.53	1.75	1.77	1.77	1.48	1.54	1.76
174	Water Street	0.02	0.02	0.09	0.14	0.16	0.15	0.10	0.12	0.12	0.16	0.16	0.14	0.14	0.07
175	Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
176	Weeks Falls	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Table A-9: Regional: Small Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	White Ranch	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
178	White Water Ranch	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.08	0.08	0.08	0.08	0.07	0.07
179	Whitefish	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
180	Wilson Lake	7.07	7.07	5.27	2.00	0.25	0	0	0	0.03	2.32	2.32	6.05	6.83	7.63
181	Wisconsin Noble	0.04	0.04	0.05	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.03
182	Wolf Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
183	Woods Creek	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
184	Yakama Drop 2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
185	Yakama Drop 3	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
186	Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
187	Zena Creek Ranch	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Total Small Hydro															
188	Cooperative	2.19	2.19	2.56	2.31	1.98	2.28	2.15	2.69	2.70	2.93	2.93	3.00	3.13	3.01
189	Federal Entities	3.69	3.69	3.20	4.31	4.69	4.80	4.79	4.82	4.78	4.78	4.78	4.78	4.29	3.39
190	Investor Owned Utilities	218	216	193	163	153	142	137	146	165	207	208	247	244	231
191	Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
192	Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
193	Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
194	**Total Small Hydro**	**384**	**380**	**307**	**225**	**173**	**163**	**157**	**169**	**207**	**325**	**327**	**448**	**464**	**455**

Table A-9: Regional: Small Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Hydro														
1	Albany-Millersburg Hydro Project	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	Amy Ranch	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
3	Arena Drop	0.31	0.31	0.31	0	0	0	0	0	0	0.31	0.31	0.31	0.31	0.31
4	Barber Dam	3.01	3.01	2.44	1.05	0.39	1.23	2.73	3.33	4.14	4.06	4.06	3.97	4.10	4.14
5	Barney Creek	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01
6	Beaverton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bell Mountain	0.12	0.12	0.10	0.21	0.05	0.12	0.10	0.13	0.13	0.11	0.11	0.13	0.19	0.13
8	Big Elk Creek YMCA Camp	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
9	Big Sheep Creek	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	Bigg's Creek (Pickering Micro)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	Billingsley Creek	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
12	Birch Creek Diversion Dam	0.04	0.04	0.05	0.05	0.06	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
13	Birch Creek (Gooding,ID)	1.25	1.25	1.11	1.00	1.14	1.10	0.31	1.19	1.73	1.63	1.63	1.60	1.34	1.19
14	Black Canyon #3	0.11	0.11	0.06	0.05	0.06	0	0	0	0.09	0.09	0.09	0.09	0.11	0.11
15	Black Creek	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
16	Blind Canyon	0.73	0.73	1.09	0.89	0.15	0	0	0	0	0.57	0.57	1.61	0.97	0.73
17	Boulder Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
18	Box Canyon Springs	0.42	0.42	0.40	0.39	0.40	0.31	0.31	0.34	0.28	0.29	0.29	0.28	0.43	0.42
19	Briggs Creek	0.59	0.59	0.61	0.59	0.61	0.59	0.59	0.65	0.59	0.61	0.61	0.59	0.61	0.59
20	Briggs Project	0.20	0.20	0.12	0.21	0.21	0.22	0.13	0.20	0.22	0.13	0.13	0.20	0.19	0.12
21	Broadwater	1.77	1.81	2.13	2.76	2.98	2.91	2.85	2.78	2.79	3.11	3.04	3.59	3.05	2.33
22	Buffalo Hydro	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
23	Burr & Bouchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Burton Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Bypass	8.26	8.26	6.54	2.82	0.99	0	0	0	0.06	2.94	2.94	7.01	8.16	8.68
26	Canyon Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
27	Canyon Springs	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09
28	Carlton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Cascade Creek	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	C-Drop Hydro	1.10	1.10	1.10	0	0	0	0	0	0	1.10	1.10	1.10	1.10	1.10
31	Cedar Draw Creek	0.30	0.30	0.92	0.89	0.92	1.16	1.16	1.28	0.42	0.43	0.43	0.42	0.31	0.30
32	Central Oregon Siphon	3.10	3.10	3.71	3.47	0.02	0.69	0	0.40	0.87	0.83	0.83	4.47	3.83	4.09
33	Cereghino	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
34	Chester Hydroelectic Plant	0.20	0.20	0.68	0.58	0.36	0.54	0.53	0.72	0.50	0.70	0.70	1.07	1.14	0.80
35	Clear Springs Trout	0.43	0.43	0.44	0.52	0.60	0.56	0.41	0.47	0.35	0.35	0.35	0.35	0.36	0.43
36	Company Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
37	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Cowiche	0.80	0.80	0.80	0.80	0	0	0	0	0	0	0.80	0.80	0.80	0.80
39	Crystal Springs	2.10	2.10	2.44	2.36	2.44	0.84	0.84	0.93	1.30	1.34	1.34	1.30	2.17	2.10
40	Curry Cattle Co.	0.21	0.21	0.22	0.14	0.08	0.05	0.04	0.04	0.07	0.09	0.09	0.18	0.20	0.18
41	Curtiss Livestock	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
42	Cushman North Fork	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
43	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Deep Creek	0.01	0.01	0.01	0	0	0	0	0	0	0.01	0.01	0.02	0.03	0.02
45	Denny Creek	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
46	Dietrich Drop	4.67	4.67	3.56	3.09	1.37	0	0	0	0	3.09	3.09	4.67	4.67	4.52
47	Donald Jenni	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.07
48	Dry Creek	0.94	0.94	1.00	0.80	0.43	0	0.33	0.27	0.37	0.41	0.41	0.90	2.66	2.09
49	Dworshak-Clearwater Hatchery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
50	Ebey Hill (Kevin Duncan)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
51	Elk Creek	1.94	1.94	0.02	0.02	0.02	0.16	0.16	0.17	1.63	1.68	1.68	1.63	2.00	1.94
52	Eltopia Branch Canal 4.6	1.80	1.80	1.20	0.60	0	0	0	0	0	1.40	1.40	2.00	2.00	2.20
53	Esquatzel Small Hydro	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
54	Falls Creek (Or)	0	0	0	0	1.88	3.08	0.91	2.72	2.66	4.35	4.35	4.11	3.82	0
55	Falls Creek (Wa)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
56	Falls River Hydro	6.46	6.46	6.29	5.72	5.58	4.96	4.18	3.75	3.79	6.22	6.22	7.91	8.55	7.08
57	Farmers Irr Dist Proj No 2	0.35	0.35	0.45	0.77	2.02	2.00	1.34	2.88	2.04	2.19	2.19	2.96	0.52	0.45
58	Farmers Irr Dist Proj No 3	0.21	0.21	0.27	0.46	1.21	1.20	0.81	1.73	1.22	1.32	1.32	1.77	0.31	0.27

Table A-9: Regional: Small Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60	Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61	Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62	Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63	Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64	Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65	Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66	Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67	Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68	Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69	Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70	Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71	Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72	Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73	Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74	Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76	James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77	Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78	John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	0	3.37	3.37	3.37	3.37	3.37
80	Kasel-Withersppon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81	Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82	Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83	Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84	L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85	Lacomb	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86	Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87	Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88	Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89	Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90	Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91	Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92	Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93	Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94	Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95	Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97	Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98	Loyd F. Fery Farms	0.03	0.03	0.04	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.04
99	LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100	Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101	Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102	Magic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103	Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104	Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105	Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106	Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107	Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108	Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0	0.62	0.62	1.20	1.29	1.36
109	Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112	Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113	Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114	Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115	Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116	Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117	N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119	Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120	North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	O. J. Power Company	0.01	0.01	0.07	0.03	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.08	0.11	0.10
123	Odell Creek	0.03	0.03	0.04	0.04	0.01	0.03	0.02	0.03	0.04	0.05	0.05	0.01	0	0.03
124	Opal Springs	2.63	2.63	2.95	3.62	3.16	2.94	2.94	3.51	2.60	2.71	2.71	4.47	1.62	2.23
125	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
126	Owyhee Dam	3.58	3.58	2.56	0.76	0	0	0.31	0.82	2.27	4.31	4.31	5.00	4.29	4.07
127	Owyhee Tunnel No 1	5.05	5.05	3.02	0.64	0	0	0	0	2.78	6.02	6.02	6.89	6.91	7.00
128	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
129	PEC Headworks	4.50	4.50	3.10	3.00	0	0	0	0	2.80	5.10	5.10	6.50	6.20	5.80
130	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Phillipsburg	0.03	0.03	0.04	0.04	0.03	0.05	0.07	0.05	0.04	0.04	0.04	0.04	0.03	0.03
132	Pine Creek	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08
133	Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
134	Portland Hydro Project	2.34	2.34	2.92	6.66	16.2	19.9	18.4	17.2	16.4	17.4	17.4	15.1	8.42	3.16
135	Portneuf River	0.24	0.24	0.11	0.05	0.10	0.11	0	0	0	0	0	0.22	0.58	0.38
136	Potholes East Canal	1.80	1.80	1.80	1.60	0	0	0	0	0.60	1.80	1.80	1.80	1.80	1.80
137	Preston	0.31	0.31	0.38	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.38	0.31	0.31	0.38
138	Pristine Springs	0.28	0.28	0.41	0.43	0.31	0.33	0.28	0.25	0.27	0.35	0.35	0.37	0.32	0.28
139	Quincy Chute	9.00	9.00	8.00	5.00	0	0	0	0	5.00	8.00	8.00	9.00	9.00	9.00
140	Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
141	Reynolds Irrigation District	0.15	0.15	0.25	0.24	0.25	0.24	0.24	0.26	0.20	0.21	0.21	0.20	0.16	0.15
142	Rim View	0.17	0.17	0.25	0.26	0.19	0.20	0.17	0.15	0.16	0.22	0.22	0.23	0.20	0.17
143	Rock Creek #1	1.34	1.34	1.92	2.05	1.47	1.57	1.31	1.18	1.28	1.68	1.68	1.74	1.53	1.34
144	Rock Creek No 2	1.82	1.82	1.84	1.89	1.87	1.87	0.63	0.40	1.63	1.87	1.87	1.87	1.87	1.64
145	Rocky Brook	0.49	0.49	0	1.11	1.49	1.60	1.59	1.62	1.58	1.58	1.58	1.58	1.09	0.19
146	Russell D. Smith	4.00	4.00	2.60	1.40	0	0	0	0	0.20	2.40	2.40	3.80	4.20	3.40
147	Sagebrush	0.40	0.40	0.26	0.25	0.26	0.08	0.08	0.09	0.26	0.26	0.26	0.26	0.41	0.40
148	Sahko	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
149	Schaffner	0.36	0.36	0.26	0.25	0.26	0.14	0.14	0.16	0.29	0.30	0.30	0.29	0.37	0.36
150	Shingle Creek	0.11	0.11	0.16	0.17	0.12	0.13	0.11	0.10	0.10	0.14	0.14	0.14	0.12	0.11
151	Shoshone	0.90	0.90	0.92	0.29	0.31	0.05	0.04	0.02	0.10	0.54	0.54	0.84	0.82	0.86
152	Skookumchuck	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	Smith Creek (Washington)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
154	Snake River Pottery	0.03	0.03	0.04	0.04	0.04	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.03
155	Snedigar Ranch	0.38	0.38	0.54	0.52	0.54	0.37	0.37	0.41	0.28	0.29	0.29	0.28	0.39	0.38
156	South Dry Creek	0.52	0.53	0.49	0.50	0	0	0	0	0.50	0.50	0.49	0.58	0.49	0.47
157	Spencer Lake Hydro	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
158	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stevenson #1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
161	Stevenson #2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
162	Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
163	Summer Falls	78.8	78.8	48.4	21.6	0	0	0	0	4.80	50.0	50.0	71.4	81.0	87.4
164	Sunshine	0.10	0.10	0.06	0.06	0.06	0.04	0.04	0.05	0.07	0.07	0.07	0.07	0.10	0.10
165	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Thompson's Mills	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.07	0.05	0.07	0.03
167	Tiber Dam	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
168	Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
169	Trinity	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
170	Twin Falls (WA)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
171	Upper Pine Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
172	Upriver Dam	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
173	Walla Walla	1.54	1.54	1.44	1.28	1.17	1.29	1.17	1.53	1.75	1.77	1.77	1.48	1.54	1.76
174	Water Street	0.02	0.02	0.09	0.14	0.16	0.15	0.10	0.12	0.12	0.16	0.16	0.14	0.14	0.07
175	Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
176	Weeks Falls	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Table A-9: Regional: Small Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	White Ranch	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
178	White Water Ranch	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.08	0.08	0.08	0.08	0.07	0.07
179	Whitefish	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
180	Wilson Lake	7.07	7.07	5.27	2.00	0.25	0	0	0	0.03	2.32	2.32	6.05	6.83	7.63
181	Wisconsin Noble	0.04	0.04	0.05	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.03
182	Wolf Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
183	Woods Creek	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
184	Yakama Drop 2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
185	Yakama Drop 3	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
186	Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
187	Zena Creek Ranch	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	Total Small Hydro														
188	Cooperative	2.19	2.19	2.56	2.31	1.98	2.28	2.15	2.69	2.70	2.93	2.93	3.00	3.13	3.01
189	Federal Entities	3.69	3.69	3.20	4.31	4.69	4.80	4.79	4.82	4.78	4.78	4.78	4.78	4.29	3.39
190	Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
191	Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
192	Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
193	Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
194	**Total Small Hydro**	**384**	**382**	**311**	**227**	**174**	**162**	**157**	**169**	**207**	**325**	**327**	**448**	**464**	**455**

Table A-9: Regional: Small Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Hydro														
1	Albany-Millersburg Hydro Project	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	Amy Ranch	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
3	Arena Drop	0.31	0.31	0.31	0	0	0	0	0	0	0.31	0.31	0.31	0.31	0.31
4	Barber Dam	3.01	3.01	2.44	1.05	0.39	1.23	2.73	3.33	4.14	4.06	4.06	3.97	4.10	4.14
5	Barney Creek	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01
6	Beaverton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bell Mountain	0.12	0.12	0.10	0.21	0.05	0.12	0.10	0.13	0.13	0.11	0.11	0.13	0.19	0.13
8	Big Elk Creek YMCA Camp	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
9	Big Sheep Creek	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	Bigg's Creek (Pickering Micro)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	Billingsley Creek	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
12	Birch Creek Diversion Dam	0.04	0.04	0.05	0.05	0.06	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
13	Birch Creek (Gooding,ID)	1.25	1.25	1.11	1.00	1.14	1.10	0.31	1.19	1.73	1.63	1.63	1.60	1.34	1.19
14	Black Canyon #3	0.11	0.11	0.06	0.05	0.06	0	0	0	0.09	0.09	0.09	0.09	0.11	0.11
15	Black Creek	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
16	Blind Canyon	0.73	0.73	1.09	0.89	0.15	0	0	0	0	0.57	0.57	1.61	0.97	0.73
17	Boulder Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
18	Box Canyon Springs	0.42	0.42	0.40	0.39	0.40	0.31	0.31	0.34	0.28	0.29	0.29	0.28	0.43	0.42
19	Briggs Creek	0.59	0.59	0.61	0.59	0.61	0.59	0.59	0.65	0.59	0.61	0.61	0.59	0.61	0.59
20	Briggs Project	0.20	0.20	0.12	0.21	0.21	0.22	0.13	0.20	0.22	0.13	0.13	0.20	0.19	0.12
21	Broadwater	1.77	1.81	2.13	2.76	2.98	2.91	2.85	2.78	2.79	3.11	3.04	3.59	3.05	2.33
22	Buffalo Hydro	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
23	Burr & Bouchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Burton Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Bypass	8.26	8.26	6.54	2.82	0.99	0	0	0	0.06	2.94	2.94	7.01	8.16	8.68
26	Canyon Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
27	Canyon Springs	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09
28	Carlton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Cascade Creek	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	C-Drop Hydro	1.10	1.10	1.10	0	0	0	0	0	0	1.10	1.10	1.10	1.10	1.10
31	Cedar Draw Creek	0.30	0.30	0.92	0.89	0.92	1.16	1.16	1.28	0.42	0.43	0.43	0.42	0.31	0.30
32	Central Oregon Siphon	3.10	3.10	3.71	3.47	0.02	0.69	0	0.40	0.87	0.83	0.83	4.47	3.83	4.09
33	Cereghino	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
34	Chester Hydroelectic Plant	0.20	0.20	0.68	0.58	0.36	0.54	0.53	0.72	0.50	0.70	0.70	1.07	1.14	0.80
35	Clear Springs Trout	0.43	0.43	0.44	0.52	0.60	0.56	0.41	0.47	0.35	0.35	0.35	0.35	0.36	0.43
36	Company Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
37	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Cowiche	0.80	0.80	0.80	0.80	0	0	0	0	0	0	0.80	0.80	0.80	0.80
39	Crystal Springs	2.10	2.10	2.44	2.36	2.44	0.84	0.84	0.93	1.30	1.34	1.34	1.30	2.17	2.10
40	Curry Cattle Co.	0.21	0.21	0.22	0.14	0.08	0.05	0.04	0.04	0.07	0.09	0.09	0.18	0.20	0.18
41	Curtiss Livestock	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
42	Cushman North Fork	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
43	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Deep Creek	0.01	0.01	0.01	0	0	0	0	0	0	0.01	0.01	0.02	0.03	0.02
45	Denny Creek	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
46	Dietrich Drop	4.67	4.67	3.56	3.09	1.37	0	0	0	0	3.09	3.09	4.67	4.67	4.52
47	Donald Jenni	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.07
48	Dry Creek	0.94	0.94	1.00	0.80	0.43	0	0.33	0.27	0.37	0.41	0.41	0.90	2.66	2.09
49	Dworshak-Clearwater Hatchery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
50	Ebey Hill (Kevin Duncan)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
51	Elk Creek	1.94	1.94	0.02	0.02	0.02	0.16	0.16	0.17	1.63	1.68	1.68	1.63	2.00	1.94
52	Eltopia Branch Canal 4.6	1.80	1.80	1.20	0.60	0	0	0	0	0	1.40	1.40	2.00	2.00	2.20
53	Esquatzel Small Hydro	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
54	Falls Creek (Or)	0	0	0	0	1.88	3.08	0.91	2.72	2.66	4.35	4.35	4.11	3.82	0
55	Falls Creek (Wa)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
56	Falls River Hydro	6.46	6.46	6.29	5.72	5.58	4.96	4.18	3.75	3.79	6.22	6.22	7.91	8.55	7.08
57	Farmers Irr Dist Proj No 2	0.35	0.35	0.45	0.77	2.02	2.00	1.34	2.88	2.04	2.19	2.19	2.96	0.52	0.45
58	Farmers Irr Dist Proj No 3	0.21	0.21	0.27	0.46	1.21	1.20	0.81	1.73	1.22	1.32	1.32	1.77	0.31	0.27

Table A-9: Regional: Small Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60	Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61	Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62	Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63	Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64	Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65	Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66	Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67	Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68	Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69	Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70	Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71	Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72	Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73	Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74	Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76	James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77	Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78	John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	0	3.37	3.37	3.37	3.37	3.37
80	Kasel-Withersppon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81	Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82	Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83	Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84	L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85	Lacomb	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86	Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87	Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88	Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89	Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90	Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91	Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92	Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93	Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94	Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95	Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97	Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98	Loyd F. Fery Farms	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.04
99	LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100	Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101	Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102	Magic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103	Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104	Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105	Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106	Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107	Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108	Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0	0.62	0.62	1.20	1.29	1.36
109	Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112	Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113	Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114	Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115	Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116	Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117	N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119	Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120	North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	O. J. Power Company	0.01	0.01	0.07	0.03	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.08	0.11	0.10
123	Odell Creek	0.03	0.03	0.04	0.04	0.01	0.03	0.02	0.03	0.04	0.05	0.05	0.01	0	0.03
124	Opal Springs	2.63	2.63	2.95	3.62	3.16	2.94	2.94	3.51	2.60	2.71	2.71	4.47	1.62	2.23
125	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
126	Owyhee Dam	3.58	3.58	2.56	0.76	0	0	0.31	0.82	2.27	4.31	4.31	5.00	4.29	4.07
127	Owyhee Tunnel No 1	5.05	5.05	3.02	0.64	0	0	0	0	2.78	6.02	6.02	6.89	6.91	7.00
128	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
129	PEC Headworks	4.50	4.50	3.10	3.00	0	0	0	0	2.80	5.10	5.10	6.50	6.20	5.80
130	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Phillipsburg	0.03	0.03	0.04	0.04	0.03	0.05	0.07	0.05	0.04	0.04	0.04	0.04	0.03	0.03
132	Pine Creek	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08
133	Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
134	Portland Hydro Project	2.34	2.34	2.92	6.66	16.2	19.9	18.4	17.2	16.4	17.4	17.4	15.1	8.42	3.16
135	Portneuf River	0.24	0.24	0.11	0.05	0.10	0.11	0	0	0	0	0	0.22	0.58	0.38
136	Potholes East Canal	1.80	1.80	1.80	1.60	0	0	0	0	0.60	1.80	1.80	1.80	1.80	1.80
137	Preston	0.37	0.38	0.37	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.38	0.31	0.31	0.38
138	Pristine Springs	0.28	0.28	0.41	0.43	0.31	0.33	0.28	0.25	0.27	0.35	0.35	0.37	0.32	0.28
139	Quincy Chute	9.00	9.00	8.00	5.00	0	0	0	0	5.00	8.00	8.00	9.00	9.00	9.00
140	Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
141	Reynolds Irrigation District	0.15	0.15	0.25	0.24	0.25	0.24	0.24	0.26	0.20	0.21	0.21	0.20	0.16	0.15
142	Rim View	0.17	0.17	0.25	0.26	0.19	0.20	0.17	0.15	0.16	0.22	0.22	0.23	0.20	0.17
143	Rock Creek #1	1.34	1.34	1.92	2.05	1.47	1.57	1.31	1.18	1.28	1.68	1.68	1.74	1.53	1.34
144	Rock Creek No 2	1.82	1.82	1.84	1.89	1.87	1.87	0.63	0.40	1.63	1.87	1.87	1.87	1.87	1.64
145	Rocky Brook	0.49	0.49	0	1.11	1.49	1.60	1.59	1.62	1.58	1.58	1.58	1.58	1.09	0.19
146	Russell D. Smith	4.00	4.00	2.60	1.40	0	0	0	0	0.20	2.40	2.40	3.80	4.20	3.40
147	Sagebrush	0.40	0.40	0.26	0.25	0.26	0.08	0.08	0.09	0.26	0.26	0.26	0.26	0.41	0.40
148	Sahko	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
149	Schaffner	0.36	0.36	0.26	0.25	0.26	0.14	0.14	0.16	0.29	0.30	0.30	0.29	0.37	0.36
150	Shingle Creek	0.11	0.11	0.16	0.17	0.12	0.13	0.11	0.10	0.10	0.14	0.14	0.14	0.12	0.11
151	Shoshone	0.90	0.90	0.92	0.29	0.31	0.05	0.04	0.02	0.10	0.54	0.54	0.84	0.82	0.86
152	Skookumchuck	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	Smith Creek (Washington)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
154	Snake River Pottery	0.03	0.03	0.04	0.04	0.04	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.03
155	Snedigar Ranch	0.38	0.38	0.54	0.52	0.54	0.37	0.37	0.41	0.28	0.29	0.29	0.28	0.39	0.38
156	South Dry Creek	0.52	0.53	0.49	0.50	0	0	0	0	0.50	0.50	0.49	0.58	0.49	0.47
157	Spencer Lake Hydro	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
158	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stevenson #1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
161	Stevenson #2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
162	Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
163	Summer Falls	78.8	78.8	48.4	21.6	0	0	0	0	4.80	50.0	50.0	71.4	81.0	87.4
164	Sunshine	0.10	0.10	0.06	0.06	0.06	0.04	0.04	0.05	0.07	0.07	0.07	0.07	0.10	0.10
165	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Thompson's Mills	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.07	0.05	0.07	0.03
167	Tiber Dam	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
168	Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
169	Trinity	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
170	Twin Falls (WA)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
171	Upper Pine Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
172	Upriver Dam	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
173	Walla Walla	1.54	1.54	1.44	1.28	1.17	1.29	1.17	1.53	1.75	1.77	1.77	1.48	1.54	1.76
174	Water Street	0.02	0.02	0.09	0.14	0.16	0.15	0.10	0.12	0.12	0.16	0.16	0.14	0.14	0.07
175	Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
176	Weeks Falls	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Table A-9: Regional: Small Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	White Ranch	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
178	White Water Ranch	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.08	0.08	0.08	0.08	0.07	0.07
179	Whitefish	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
180	Wilson Lake	7.07	7.07	5.27	2.00	0.25	0	0	0	0.03	2.32	2.32	6.05	6.83	7.63
181	Wisconsin Noble	0.04	0.04	0.05	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.03
182	Wolf Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
183	Woods Creek	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
184	Yakama Drop 2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
185	Yakama Drop 3	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
186	Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
187	Zena Creek Ranch	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	Total Small Hydro														
188	Cooperative	2.19	2.19	2.56	2.31	1.98	2.28	2.15	2.69	2.70	2.93	2.93	3.00	3.13	3.01
189	Federal Entities	3.69	3.69	3.20	4.31	4.69	4.80	4.79	4.82	4.78	4.78	4.78	4.78	4.29	3.39
190	Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
191	Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
192	Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
193	Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
194	**Total Small Hydro**	**384**	**382**	**311**	**227**	**174**	**162**	**157**	**169**	**207**	**325**	**327**	**448**	**464**	**455**

Table A-9: Regional: Small Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Hydro														
1	Albany-Millersburg Hydro Project	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	Amy Ranch	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
3	Arena Drop	0.31	0.31	0.31	0	0	0	0	0	0	0.31	0.31	0.31	0.31	0.31
4	Barber Dam	3.01	3.01	2.44	1.05	0.39	1.23	2.73	3.33	4.14	4.06	4.06	3.97	4.10	4.14
5	Barney Creek	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01
6	Beaverton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bell Mountain	0.12	0.12	0.10	0.21	0.05	0.12	0.10	0.13	0.13	0.11	0.11	0.13	0.19	0.13
8	Big Elk Creek YMCA Camp	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
9	Big Sheep Creek	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	Bigg's Creek (Pickering Micro)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	Billingsley Creek	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
12	Birch Creek Diversion Dam	0.04	0.04	0.05	0.05	0.06	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
13	Birch Creek (Gooding,ID)	1.25	1.25	1.11	1.00	1.14	1.10	0.31	1.19	1.73	1.63	1.63	1.60	1.34	1.19
14	Black Canyon #3	0.11	0.11	0.06	0.05	0.06	0	0	0	0.09	0.09	0.09	0.09	0.11	0.11
15	Black Creek	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
16	Blind Canyon	0.73	0.73	1.09	0.89	0.15	0	0	0	0	0.57	0.57	1.61	0.97	0.73
17	Boulder Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
18	Box Canyon Springs	0.42	0.42	0.40	0.39	0.40	0.31	0.31	0.34	0.28	0.29	0.29	0.28	0.43	0.42
19	Briggs Creek	0.59	0.59	0.61	0.59	0.61	0.59	0.59	0.65	0.59	0.61	0.61	0.59	0.61	0.59
20	Briggs Project	0.20	0.20	0.12	0.21	0.21	0.22	0.13	0.20	0.22	0.13	0.13	0.20	0.19	0.12
21	Broadwater	1.77	1.81	2.13	2.76	2.98	2.91	2.85	2.78	2.79	3.11	3.04	3.59	3.05	2.33
22	Buffalo Hydro	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
23	Burr & Bouchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Burton Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Bypass	8.26	8.26	6.54	2.82	0.99	0	0	0	0.06	2.94	2.94	7.01	8.16	8.68
26	Canyon Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
27	Canyon Springs	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09
28	Carlton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Cascade Creek	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	C-Drop Hydro	1.10	1.10	1.10	0	0	0	0	0	0	1.10	1.10	1.10	1.10	1.10
31	Cedar Draw Creek	0.30	0.30	0.92	0.89	0.92	1.16	1.16	1.28	0.42	0.43	0.43	0.42	0.31	0.30
32	Central Oregon Siphon	3.10	3.10	3.71	3.47	0.02	0.69	0	0.40	0.87	0.83	0.83	4.47	3.83	4.09
33	Cereghino	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
34	Chester Hydroelectic Plant	0.20	0.20	0.68	0.58	0.36	0.54	0.53	0.72	0.50	0.70	0.70	1.07	1.14	0.80
35	Clear Springs Trout	0.43	0.43	0.44	0.52	0.60	0.56	0.41	0.47	0.35	0.35	0.35	0.35	0.36	0.43
36	Company Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
37	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Cowiche	0.80	0.80	0.80	0.80	0	0	0	0	0	0	0.80	0.80	0.80	0.80
39	Crystal Springs	2.10	2.10	2.44	2.36	2.44	0.84	0.84	0.93	1.30	1.34	1.34	1.30	2.17	2.10
40	Curry Cattle Co.	0.21	0.21	0.22	0.14	0.08	0.05	0.04	0.04	0.07	0.09	0.09	0.18	0.20	0.18
41	Curtiss Livestock	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
42	Cushman North Fork	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
43	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Deep Creek	0.01	0.01	0.01	0	0	0	0	0	0	0.01	0.01	0.02	0.03	0.02
45	Denny Creek	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
46	Dietrich Drop	4.67	4.67	3.56	3.09	1.37	0	0	0	0	3.09	3.09	4.67	4.67	4.52
47	Donald Jenni	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.07
48	Dry Creek	0.94	0.94	1.00	0.80	0.43	0	0.33	0.27	0.37	0.41	0.41	0.90	2.66	2.09
49	Dworshak-Clearwater Hatchery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
50	Ebey Hill (Kevin Duncan)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
51	Elk Creek	1.94	1.94	0.02	0.02	0.02	0.16	0.16	0.17	1.63	1.68	1.68	1.63	2.00	1.94
52	Eltopia Branch Canal 4.6	1.80	1.80	1.20	0.60	0	0	0	0	0	1.40	1.40	2.00	2.00	2.20
53	Esquatzel Small Hydro	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
54	Falls Creek (Or)	0	0	0	0	1.88	3.08	0.91	2.72	2.66	4.35	4.35	4.11	3.82	0
55	Falls Creek (Wa)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
56	Falls River Hydro	6.46	6.46	6.29	5.72	5.58	4.96	4.18	3.75	3.79	6.22	6.22	7.91	8.55	7.08
57	Farmers Irr Dist Proj No 2	0.35	0.35	0.45	0.77	2.02	2.00	1.34	2.88	2.04	2.19	2.19	2.96	0.52	0.45
58	Farmers Irr Dist Proj No 3	0.21	0.21	0.27	0.46	1.21	1.20	0.81	1.73	1.22	1.32	1.32	1.77	0.31	0.27

Table A-9: Regional: Small Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60	Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61	Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62	Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63	Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64	Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65	Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66	Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67	Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68	Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69	Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70	Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71	Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72	Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73	Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74	Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76	James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77	Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78	John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	0	3.37	3.37	3.37	3.37	3.37
80	Kasel-Withersppon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81	Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82	Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83	Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84	L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85	Lacomb	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86	Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87	Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88	Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89	Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90	Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91	Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92	Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93	Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94	Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95	Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97	Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98	Loyd F. Fery Farms	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.04
99	LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100	Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101	Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102	Magic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103	Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104	Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105	Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106	Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107	Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108	Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0	0.62	0.62	1.20	1.29	1.36
109	Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112	Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113	Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114	Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115	Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116	Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117	N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119	Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120	North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	O. J. Power Company	0.01	0.01	0.07	0.03	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.08	0.11	0.10
123	Odell Creek	0.03	0.03	0.04	0.04	0.01	0.03	0.02	0.03	0.04	0.05	0.05	0.01	0	0.03
124	Opal Springs	2.63	2.63	2.95	3.62	3.16	2.94	2.94	3.51	2.60	2.71	2.71	4.47	1.62	2.23
125	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
126	Owyhee Dam	3.58	3.58	2.56	0.76	0	0	0.31	0.82	2.27	4.31	4.31	5.00	4.29	4.07
127	Owyhee Tunnel No 1	5.05	5.05	3.02	0.64	0	0	0	0	2.78	6.02	6.02	6.89	6.91	7.00
128	Pancheri	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0.01
129	PEC Headworks	4.50	4.50	3.10	3.00	0	0	0	0	2.80	5.10	5.10	6.50	6.20	5.80
130	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Phillipsburg	0.03	0.03	0.04	0.04	0.03	0.05	0.07	0.05	0.04	0.04	0.04	0.04	0.03	0.03
132	Pine Creek	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08
133	Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
134	Portland Hydro Project	2.34	2.34	2.92	6.66	16.2	19.9	18.4	17.2	16.4	17.4	17.4	15.1	8.42	3.16
135	Portneuf River	0.24	0.24	0.11	0.05	0.10	0.11	0	0	0	0	0	0.22	0.58	0.38
136	Potholes East Canal	1.80	1.80	1.80	1.60	0	0	0	0	0.60	1.80	1.80	1.80	1.80	1.80
137	Preston	0.37	0.38	0.37	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.38	0.31	0.31	0.38
138	Pristine Springs	0.28	0.28	0.41	0.43	0.31	0.33	0.28	0.25	0.27	0.35	0.35	0.37	0.32	0.28
139	Quincy Chute	9.00	9.00	8.00	5.00	0	0	0	0	5.00	8.00	8.00	9.00	9.00	9.00
140	Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
141	Reynolds Irrigation District	0.15	0.15	0.25	0.24	0.25	0.24	0.24	0.26	0.20	0.21	0.21	0.20	0.16	0.15
142	Rim View	0.17	0.17	0.25	0.26	0.19	0.20	0.17	0.15	0.16	0.22	0.22	0.23	0.20	0.17
143	Rock Creek #1	1.34	1.34	1.92	2.05	1.47	1.57	1.31	1.18	1.28	1.68	1.68	1.74	1.53	1.34
144	Rock Creek No 2	1.82	1.82	1.84	1.89	1.87	1.87	0.63	0.40	1.63	1.87	1.87	1.87	1.87	1.64
145	Rocky Brook	0.49	0.49	0	1.11	1.49	1.60	1.59	1.62	1.58	1.58	1.58	1.58	1.09	0.19
146	Russell D. Smith	4.00	4.00	2.60	1.40	0	0	0	0	0.20	2.40	2.40	3.80	4.20	3.40
147	Sagebrush	0.40	0.40	0.26	0.25	0.26	0.08	0.08	0.09	0.26	0.26	0.26	0.26	0.41	0.40
148	Sahko	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
149	Schaffner	0.36	0.36	0.26	0.25	0.26	0.14	0.14	0.16	0.29	0.30	0.30	0.29	0.37	0.36
150	Shingle Creek	0.11	0.11	0.16	0.17	0.12	0.13	0.11	0.10	0.10	0.14	0.14	0.14	0.12	0.11
151	Shoshone	0.90	0.90	0.92	0.29	0.31	0.05	0.04	0.02	0.10	0.54	0.54	0.84	0.82	0.86
152	Skookumchuck	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	Smith Creek (Washington)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
154	Snake River Pottery	0.03	0.03	0.04	0.04	0.04	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.03
155	Snedigar Ranch	0.38	0.38	0.54	0.52	0.54	0.37	0.37	0.41	0.28	0.29	0.29	0.28	0.39	0.38
156	South Dry Creek	0.52	0.53	0.49	0.50	0	0	0	0	0.50	0.50	0.49	0.58	0.49	0.47
157	Spencer Lake Hydro	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
158	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stevenson #1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
161	Stevenson #2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
162	Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
163	Summer Falls	78.8	78.8	48.4	21.6	0	0	0	0	4.80	50.0	50.0	71.4	81.0	87.4
164	Sunshine	0.10	0.10	0.06	0.06	0.06	0.04	0.04	0.05	0.07	0.07	0.07	0.07	0.10	0.10
165	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Thompson's Mills	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.07	0.05	0.07	0.03
167	Tiber Dam	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
168	Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
169	Trinity	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
170	Twin Falls (WA)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
171	Upper Pine Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
172	Upriver Dam	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
173	Walla Walla	1.54	1.54	1.44	1.28	1.17	1.29	1.17	1.53	1.75	1.77	1.77	1.48	1.54	1.76
174	Water Street	0.02	0.02	0.09	0.14	0.16	0.15	0.10	0.12	0.12	0.16	0.16	0.14	0.14	0.07
175	Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
176	Weeks Falls	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Table A-9: Regional: Small Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	White Ranch	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
178	White Water Ranch	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.08	0.08	0.08	0.08	0.07	0.07
179	Whitefish	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
180	Wilson Lake	7.07	7.07	5.27	2.00	0.25	0	0	0	0.03	2.32	2.32	6.05	6.83	7.63
181	Wisconsin Noble	0.04	0.04	0.05	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.03
182	Wolf Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
183	Woods Creek	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
184	Yakama Drop 2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
185	Yakama Drop 3	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
186	Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
187	Zena Creek Ranch	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	Total Small Hydro														
188	Cooperative	2.19	2.19	2.56	2.31	1.98	2.28	2.15	2.69	2.70	2.93	2.93	3.00	3.13	3.01
189	Federal Entities	3.69	3.69	3.20	4.31	4.69	4.80	4.79	4.82	4.78	4.78	4.78	4.78	4.29	3.39
190	Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
191	Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
192	Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
193	Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
194	**Total Small Hydro**	**384**	**382**	**311**	**227**	**174**	**162**	**157**	**169**	**207**	**325**	**327**	**448**	**464**	**455**

Table A-9: Regional: Small Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Hydro														
1	Albany-Millersburg Hydro Project	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	Amy Ranch	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
3	Arena Drop	0.31	0.31	0.31	0	0	0	0	0	0	0.31	0.31	0.31	0.31	0.31
4	Barber Dam	3.01	3.01	2.44	1.05	0.39	1.23	2.73	3.33	4.14	4.06	4.06	3.97	4.10	4.14
5	Barney Creek	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01
6	Beaverton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bell Mountain	0.12	0.12	0.10	0.21	0.05	0.12	0.10	0.13	0.13	0.11	0.11	0.13	0.19	0.13
8	Big Elk Creek YMCA Camp	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
9	Big Sheep Creek	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	Bigg's Creek (Pickering Micro)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	Billingsley Creek	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
12	Birch Creek Diversion Dam	0.04	0.04	0.05	0.05	0.06	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
13	Birch Creek (Gooding,ID)	1.25	1.25	1.11	1.00	1.14	1.10	0.31	1.19	1.73	1.63	1.63	1.60	1.34	1.19
14	Black Canyon #3	0.11	0.11	0.06	0.05	0.06	0	0	0	0.09	0.09	0.09	0.09	0.11	0.11
15	Black Creek	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
16	Blind Canyon	0.73	0.73	1.09	0.89	0.15	0	0	0	0	0.57	0.57	1.61	0.97	0.73
17	Boulder Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
18	Box Canyon Springs	0.42	0.42	0.40	0.39	0.40	0.31	0.31	0.34	0.28	0.29	0.29	0.28	0.43	0.42
19	Briggs Creek	0.59	0.59	0.61	0.59	0.61	0.59	0.59	0.65	0.59	0.61	0.61	0.59	0.61	0.59
20	Briggs Project	0.20	0.20	0.12	0.21	0.21	0.22	0.13	0.20	0.22	0.13	0.13	0.20	0.19	0.12
21	Broadwater	1.77	1.81	2.13	2.76	2.98	2.91	2.85	2.78	2.79	3.11	3.04	3.59	3.05	2.33
22	Buffalo Hydro	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
23	Burr & Bouchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Burton Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Bypass	8.26	8.26	6.54	2.82	0.99	0	0	0	0.06	2.94	2.94	7.01	8.16	8.68
26	Canyon Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
27	Canyon Springs	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09
28	Carlton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Cascade Creek	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	C-Drop Hydro	1.10	1.10	1.10	0	0	0	0	0	0	1.10	1.10	1.10	1.10	1.10
31	Cedar Draw Creek	0.30	0.30	0.92	0.89	0.92	1.16	1.16	1.28	0.42	0.43	0.43	0.42	0.31	0.30
32	Central Oregon Siphon	3.10	3.10	3.71	3.47	0.02	0.69	0	0.40	0.87	0.83	0.83	4.47	3.83	4.09
33	Cereghino	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
34	Chester Hydroelectic Plant	0.20	0.20	0.68	0.58	0.36	0.54	0.53	0.72	0.50	0.70	0.70	1.07	1.14	0.80
35	Clear Springs Trout	0.43	0.43	0.44	0.52	0.60	0.56	0.41	0.47	0.35	0.35	0.35	0.35	0.36	0.43
36	Company Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
37	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Cowiche	0.80	0.80	0.80	0.80	0	0	0	0	0	0	0.80	0.80	0.80	0.80
39	Crystal Springs	2.10	2.10	2.44	2.36	2.44	0.84	0.84	0.93	1.30	1.34	1.34	1.30	2.17	2.10
40	Curry Cattle Co.	0.21	0.21	0.22	0.14	0.08	0.05	0.04	0.04	0.07	0.09	0.09	0.18	0.20	0.18
41	Curtiss Livestock	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
42	Cushman North Fork	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
43	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Deep Creek	0.01	0.01	0.01	0	0	0	0	0	0	0.01	0.01	0.02	0.03	0.02
45	Denny Creek	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
46	Dietrich Drop	4.67	4.67	3.56	3.09	1.37	0	0	0	0	3.09	3.09	4.67	4.67	4.52
47	Donald Jenni	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.07
48	Dry Creek	0.94	0.94	1.00	0.80	0.43	0	0.33	0.27	0.37	0.41	0.41	0.90	2.66	2.09
49	Dworshak-Clearwater Hatchery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
50	Ebey Hill (Kevin Duncan)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
51	Elk Creek	1.94	1.94	0.02	0.02	0.02	0.16	0.16	0.17	1.63	1.68	1.68	1.63	2.00	1.94
52	Eltopia Branch Canal 4.6	1.80	1.80	1.20	0.60	0	0	0	0	0	1.40	1.40	2.00	2.00	2.20
53	Esquatzel Small Hydro	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
54	Falls Creek (Or)	0	0	0	0	1.88	3.08	0.91	2.72	2.66	4.35	4.35	4.11	3.82	0
55	Falls Creek (Wa)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
56	Falls River Hydro	6.46	6.46	6.29	5.72	5.58	4.96	4.18	3.75	3.79	6.22	6.22	7.91	8.55	7.08
57	Farmers Irr Dist Proj No 2	0.35	0.35	0.45	0.77	2.02	2.00	1.34	2.88	2.04	2.19	2.19	2.96	0.52	0.45
58	Farmers Irr Dist Proj No 3	0.21	0.21	0.27	0.46	1.21	1.20	0.81	1.73	1.22	1.32	1.32	1.77	0.31	0.27

Table A-9: Regional: Small Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60	Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61	Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62	Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63	Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64	Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65	Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66	Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67	Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68	Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69	Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70	Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71	Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72	Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73	Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74	Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76	James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77	Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78	John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	0	3.37	3.37	3.37	3.37	3.37
80	Kasel-Withersppon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81	Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82	Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83	Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84	L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85	Lacomb	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86	Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87	Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88	Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89	Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90	Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91	Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92	Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93	Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94	Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95	Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97	Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98	Loyd F. Fery Farms	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.04
99	LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100	Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101	Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102	Magic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103	Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104	Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105	Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106	Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107	Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108	Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0	0.62	0.62	1.20	1.29	1.36
109	Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112	Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113	Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114	Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115	Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116	Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117	N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119	Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120	North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	O. J. Power Company	0.01	0.01	0.07	0.03	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.08	0.11	0.10
123	Odell Creek	0.03	0.03	0.04	0.04	0.01	0.03	0.02	0.03	0.04	0.05	0.05	0.01	0	0.03
124	Opal Springs	2.63	2.63	2.95	3.62	3.16	2.94	2.94	3.51	2.60	2.71	2.71	4.47	1.62	2.23
125	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
126	Owyhee Dam	3.58	3.58	2.56	0.76	0	0	0.31	0.82	2.27	4.31	4.31	5.00	4.29	4.07
127	Owyhee Tunnel No 1	5.05	5.05	3.02	0.64	0	0	0	0	2.78	6.02	6.02	6.89	6.91	7.00
128	Pancheri	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0.01
129	PEC Headworks	4.50	4.50	3.10	3.00	0	0	0	0	2.80	5.10	5.10	6.50	6.20	5.80
130	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Phillipsburg	0.03	0.03	0.04	0.04	0.03	0.05	0.07	0.05	0.04	0.04	0.04	0.04	0.03	0.03
132	Pine Creek	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08
133	Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
134	Portland Hydro Project	2.34	2.34	2.92	6.66	16.2	19.9	18.4	17.2	16.4	17.4	17.4	15.1	8.42	3.16
135	Portneuf River	0.24	0.24	0.11	0.05	0.10	0.11	0	0	0	0	0	0.22	0.58	0.38
136	Potholes East Canal	1.80	1.80	1.80	1.60	0	0	0	0	0.60	1.80	1.80	1.80	1.80	1.80
137	Preston	0.37	0.38	0.37	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.38	0.31	0.31	0.38
138	Pristine Springs	0.28	0.28	0.41	0.43	0.31	0.33	0.28	0.25	0.27	0.35	0.35	0.37	0.32	0.28
139	Quincy Chute	9.00	9.00	8.00	5.00	0	0	0	0	5.00	8.00	8.00	9.00	9.00	9.00
140	Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
141	Reynolds Irrigation District	0.15	0.15	0.25	0.24	0.25	0.24	0.24	0.26	0.20	0.21	0.21	0.20	0.16	0.15
142	Rim View	0.17	0.17	0.25	0.26	0.19	0.20	0.17	0.15	0.16	0.22	0.22	0.23	0.20	0.17
143	Rock Creek #1	1.34	1.34	1.92	2.05	1.47	1.57	1.31	1.18	1.28	1.68	1.68	1.74	1.53	1.34
144	Rock Creek No 2	1.82	1.82	1.84	1.89	1.87	1.87	0.63	0.40	1.63	1.87	1.87	1.87	1.87	1.64
145	Rocky Brook	0.49	0.49	0	1.11	1.49	1.60	1.59	1.62	1.58	1.58	1.58	1.58	1.09	0.19
146	Russell D. Smith	4.00	4.00	2.60	1.40	0	0	0	0	0.20	2.40	2.40	3.80	4.20	3.40
147	Sagebrush	0.40	0.40	0.26	0.25	0.26	0.08	0.08	0.09	0.26	0.26	0.26	0.26	0.41	0.40
148	Sahko	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
149	Schaffner	0.36	0.36	0.26	0.25	0.26	0.14	0.14	0.16	0.29	0.30	0.30	0.29	0.37	0.36
150	Shingle Creek	0.11	0.11	0.16	0.17	0.12	0.13	0.11	0.10	0.10	0.14	0.14	0.14	0.12	0.11
151	Shoshone	0.90	0.90	0.92	0.29	0.31	0.05	0.04	0.02	0.10	0.54	0.54	0.84	0.82	0.86
152	Skookumchuck	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	Smith Creek (Washington)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
154	Snake River Pottery	0.03	0.03	0.04	0.04	0.04	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.03
155	Snedigar Ranch	0.38	0.38	0.54	0.52	0.54	0.37	0.37	0.41	0.28	0.29	0.29	0.28	0.39	0.38
156	South Dry Creek	0.52	0.53	0.49	0.50	0	0	0	0	0.50	0.50	0.49	0.58	0.49	0.47
157	Spencer Lake Hydro	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
158	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stevenson #1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
161	Stevenson #2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
162	Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
163	Summer Falls	78.8	78.8	48.4	21.6	0	0	0	0	4.80	50.0	50.0	71.4	81.0	87.4
164	Sunshine	0.10	0.10	0.06	0.06	0.06	0.04	0.04	0.05	0.07	0.07	0.07	0.07	0.10	0.10
165	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Thompson's Mills	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.07	0.05	0.07	0.03
167	Tiber Dam	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
168	Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
169	Trinity	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
170	Twin Falls (WA)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
171	Upper Pine Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
172	Upriver Dam	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
173	Walla Walla	1.54	1.54	1.44	1.28	1.17	1.29	1.17	1.53	1.75	1.77	1.77	1.48	1.54	1.76
174	Water Street	0.02	0.02	0.09	0.14	0.16	0.15	0.10	0.12	0.12	0.16	0.16	0.14	0.14	0.07
175	Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
176	Weeks Falls	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Table A-9: Regional: Small Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	White Ranch	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
178	White Water Ranch	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.08	0.08	0.08	0.08	0.07	0.07
179	Whitefish	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
180	Wilson Lake	7.07	7.07	5.27	2.00	0.25	0	0	0	0.03	2.32	2.32	6.05	6.83	7.63
181	Wisconsin Noble	0.04	0.04	0.05	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.03
182	Wolf Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
183	Woods Creek	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
184	Yakama Drop 2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
185	Yakama Drop 3	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
186	Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
187	Zena Creek Ranch	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	Total Small Hydro														
188	Cooperative	2.19	2.19	2.56	2.31	1.98	2.28	2.15	2.69	2.70	2.93	2.93	3.00	3.13	3.01
189	Federal Entities	3.69	3.69	3.20	4.31	4.69	4.80	4.79	4.82	4.78	4.78	4.78	4.78	4.29	3.39
190	Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
191	Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
192	Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
193	Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
194	**Total Small Hydro**	**384**	**382**	**311**	**227**	**174**	**162**	**157**	**169**	**207**	**325**	**327**	**448**	**464**	**455**

Table A-9: Regional: Small Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Hydro														
1	Albany-Millersburg Hydro Project	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	Amy Ranch	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
3	Arena Drop	0.31	0.31	0.31	0	0	0	0	0	0	0.31	0.31	0.31	0.31	0.31
4	Barber Dam	3.01	3.01	2.44	1.05	0.39	1.23	2.73	3.33	4.14	4.06	4.06	3.97	4.10	4.14
5	Barney Creek	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01
6	Beaverton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bell Mountain	0.12	0.12	0.10	0.21	0.05	0.12	0.10	0.13	0.13	0.11	0.11	0.13	0.19	0.13
8	Big Elk Creek YMCA Camp	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
9	Big Sheep Creek	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	Bigg's Creek (Pickering Micro)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	Billingsley Creek	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
12	Birch Creek Diversion Dam	0.04	0.04	0.05	0.05	0.06	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
13	Birch Creek (Gooding,ID)	1.25	1.25	1.11	1.00	1.14	1.10	0.31	1.19	1.73	1.63	1.63	1.60	1.34	1.19
14	Black Canyon #3	0.11	0.11	0.06	0.05	0.06	0	0	0	0.09	0.09	0.09	0.09	0.11	0.11
15	Black Creek	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
16	Blind Canyon	0.73	0.73	1.09	0.89	0.15	0	0	0	0	0.57	0.57	1.61	0.97	0.73
17	Boulder Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
18	Box Canyon Springs	0.42	0.42	0.40	0.39	0.40	0.31	0.31	0.34	0.28	0.29	0.29	0.28	0.43	0.42
19	Briggs Creek	0.59	0.59	0.61	0.59	0.61	0.59	0.59	0.65	0.59	0.61	0.61	0.59	0.61	0.59
20	Briggs Project	0.20	0.20	0.12	0.21	0.21	0.22	0.13	0.20	0.22	0.13	0.13	0.20	0.19	0.12
21	Broadwater	1.77	1.81	2.13	2.76	2.98	2.91	2.85	2.78	2.79	3.11	3.04	3.59	3.05	2.33
22	Buffalo Hydro	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
23	Burr & Bouchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Burton Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Bypass	8.26	8.26	6.54	2.82	0.99	0	0	0	0.06	2.94	2.94	7.01	8.16	8.68
26	Canyon Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
27	Canyon Springs	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09
28	Carlton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Cascade Creek	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	C-Drop Hydro	1.10	1.10	1.10	0	0	0	0	0	0	1.10	1.10	1.10	1.10	1.10
31	Cedar Draw Creek	0.30	0.30	0.92	0.89	0.92	1.16	1.16	1.28	0.42	0.43	0.43	0.42	0.31	0.30
32	Central Oregon Siphon	3.10	3.10	3.71	3.47	0.02	0.69	0	0.40	0.87	0.83	0.83	4.47	3.83	4.09
33	Cereghino	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
34	Chester Hydroelectic Plant	0.20	0.20	0.68	0.58	0.36	0.54	0.53	0.72	0.50	0.70	0.70	1.07	1.14	0.80
35	Clear Springs Trout	0.43	0.43	0.44	0.52	0.60	0.56	0.41	0.47	0.35	0.35	0.35	0.35	0.36	0.43
36	Company Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
37	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Cowiche	0.80	0.80	0.80	0.80	0	0	0	0	0	0	0.80	0.80	0.80	0.80
39	Crystal Springs	2.10	2.10	2.44	2.36	2.44	0.84	0.84	0.93	1.30	1.34	1.34	1.30	2.17	2.10
40	Curry Cattle Co.	0.21	0.21	0.22	0.14	0.08	0.05	0.04	0.04	0.07	0.09	0.09	0.18	0.20	0.18
41	Curtiss Livestock	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
42	Cushman North Fork	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
43	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Deep Creek	0.01	0.01	0.01	0	0	0	0	0	0	0.01	0.01	0.02	0.03	0.02
45	Denny Creek	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
46	Dietrich Drop	4.67	4.67	3.56	3.09	1.37	0	0	0	0	3.09	3.09	4.67	4.67	4.52
47	Donald Jenni	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.07
48	Dry Creek	0.94	0.94	1.00	0.80	0.43	0	0.33	0.27	0.37	0.41	0.41	0.90	2.66	2.09
49	Dworshak-Clearwater Hatchery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
50	Ebey Hill (Kevin Duncan)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
51	Elk Creek	1.94	1.94	0.02	0.02	0.02	0.16	0.16	0.17	1.63	1.68	1.68	1.63	2.00	1.94
52	Eltopia Branch Canal 4.6	1.80	1.80	1.20	0.60	0	0	0	0	0	1.40	1.40	2.00	2.00	2.20
53	Esquatzel Small Hydro	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
54	Falls Creek (Or)	0	0	0	0	1.88	3.08	0.91	2.72	2.66	4.35	4.35	4.11	3.82	0
55	Falls Creek (Wa)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
56	Falls River Hydro	6.46	6.46	6.29	5.72	5.58	4.96	4.18	3.75	3.79	6.22	6.22	7.91	8.55	7.08
57	Farmers Irr Dist Proj No 2	0.35	0.35	0.45	0.77	2.02	2.00	1.34	2.88	2.04	2.19	2.19	2.96	0.52	0.45
58	Farmers Irr Dist Proj No 3	0.21	0.21	0.27	0.46	1.21	1.20	0.81	1.73	1.22	1.32	1.32	1.77	0.31	0.27

Table A-9: Regional: Small Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60	Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61	Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62	Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63	Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64	Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65	Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66	Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67	Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68	Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69	Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70	Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71	Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72	Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73	Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74	Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76	James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77	Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78	John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	0	3.37	3.37	3.37	3.37	3.37
80	Kasel-Withersppon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81	Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82	Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83	Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84	L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85	Lacomb	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86	Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87	Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88	Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89	Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90	Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91	Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92	Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93	Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94	Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95	Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97	Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98	Loyd F. Fery Farms	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.04
99	LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100	Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101	Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102	Magic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103	Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104	Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105	Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106	Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107	Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108	Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0	0.62	0.62	1.20	1.29	1.36
109	Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112	Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113	Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114	Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115	Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116	Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117	N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119	Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120	North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	O. J. Power Company	0.01	0.01	0.07	0.03	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.08	0.11	0.10
123	Odell Creek	0.03	0.03	0.04	0.04	0.01	0.03	0.02	0.03	0.04	0.05	0.05	0.01	0	0.03
124	Opal Springs	2.63	2.63	2.95	3.62	3.16	2.94	2.94	3.51	2.60	2.71	2.71	4.47	1.62	2.23
125	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
126	Owyhee Dam	3.58	3.58	2.56	0.76	0	0	0.31	0.82	2.27	4.31	4.31	5.00	4.29	4.07
127	Owyhee Tunnel No 1	5.05	5.05	3.02	0.64	0	0	0	0	2.78	6.02	6.02	6.89	6.91	7.00
128	Pancheri	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0.01
129	PEC Headworks	4.50	4.50	3.10	3.00	0	0	0	0	2.80	5.10	5.10	6.50	6.20	5.80
130	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Phillipsburg	0.03	0.03	0.04	0.04	0.03	0.05	0.07	0.05	0.04	0.04	0.04	0.04	0.03	0.03
132	Pine Creek	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08
133	Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
134	Portland Hydro Project	2.34	2.34	2.92	6.66	16.2	19.9	18.4	17.2	16.4	17.4	17.4	15.1	8.42	3.16
135	Portneuf River	0.24	0.24	0.11	0.05	0.10	0.11	0	0	0	0	0	0.22	0.58	0.38
136	Potholes East Canal	1.80	1.80	1.80	1.60	0	0	0	0	0.60	1.80	1.80	1.80	1.80	1.80
137	Preston	0.37	0.38	0.37	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.38	0.31	0.31	0.38
138	Pristine Springs	0.28	0.28	0.41	0.43	0.31	0.33	0.28	0.25	0.27	0.35	0.35	0.37	0.32	0.28
139	Quincy Chute	9.00	9.00	8.00	5.00	0	0	0	0	5.00	8.00	8.00	9.00	9.00	9.00
140	Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
141	Reynolds Irrigation District	0.15	0.15	0.25	0.24	0.25	0.24	0.24	0.26	0.20	0.21	0.21	0.20	0.16	0.15
142	Rim View	0.17	0.17	0.25	0.26	0.19	0.20	0.17	0.15	0.16	0.22	0.22	0.23	0.20	0.17
143	Rock Creek #1	1.34	1.34	1.92	2.05	1.47	1.57	1.31	1.18	1.28	1.68	1.68	1.74	1.53	1.34
144	Rock Creek No 2	1.82	1.82	1.84	1.89	1.87	1.87	0.63	0.40	1.63	1.87	1.87	1.87	1.87	1.64
145	Rocky Brook	0.49	0.49	0	1.11	1.49	1.60	1.59	1.62	1.58	1.58	1.58	1.58	1.09	0.19
146	Russell D. Smith	4.00	4.00	2.60	1.40	0	0	0	0	0.20	2.40	2.40	3.80	4.20	3.40
147	Sagebrush	0.40	0.40	0.26	0.25	0.26	0.08	0.08	0.09	0.26	0.26	0.26	0.26	0.41	0.40
148	Sahko	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
149	Schaffner	0.36	0.36	0.26	0.25	0.26	0.14	0.14	0.16	0.29	0.30	0.30	0.29	0.37	0.36
150	Shingle Creek	0.11	0.11	0.16	0.17	0.12	0.13	0.11	0.10	0.10	0.14	0.14	0.14	0.12	0.11
151	Shoshone	0.90	0.90	0.92	0.29	0.31	0.05	0.04	0.02	0.10	0.54	0.54	0.84	0.82	0.86
152	Skookumchuck	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	Smith Creek (Washington)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
154	Snake River Pottery	0.03	0.03	0.04	0.04	0.04	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.03
155	Snedigar Ranch	0.38	0.38	0.54	0.52	0.54	0.37	0.37	0.41	0.28	0.29	0.29	0.28	0.39	0.38
156	South Dry Creek	0.52	0.53	0.49	0.50	0	0	0	0	0.50	0.50	0.49	0.58	0.49	0.47
157	Spencer Lake Hydro	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
158	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stevenson #1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
161	Stevenson #2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
162	Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
163	Summer Falls	78.8	78.8	48.4	21.6	0	0	0	0	4.80	50.0	50.0	71.4	81.0	87.4
164	Sunshine	0.10	0.10	0.06	0.06	0.06	0.04	0.04	0.05	0.07	0.07	0.07	0.07	0.10	0.10
165	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Thompson's Mills	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.07	0.05	0.07	0.03
167	Tiber Dam	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
168	Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
169	Trinity	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
170	Twin Falls (WA)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
171	Upper Pine Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
172	Upriver Dam	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
173	Walla Walla	1.54	1.54	1.44	1.28	1.17	1.29	1.17	1.53	1.75	1.77	1.77	1.48	1.54	1.76
174	Water Street	0.02	0.02	0.09	0.14	0.16	0.15	0.10	0.12	0.12	0.16	0.16	0.14	0.14	0.07
175	Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
176	Weeks Falls	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Table A-9: Regional: Small Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	White Ranch	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
178	White Water Ranch	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.08	0.08	0.08	0.08	0.07	0.07
179	Whitefish	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
180	Wilson Lake	7.07	7.07	5.27	2.00	0.25	0	0	0	0.03	2.32	2.32	6.05	6.83	7.63
181	Wisconsin Noble	0.04	0.04	0.05	0.05	0.04	0.06	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.03
182	Wolf Creek	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
183	Woods Creek	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
184	Yakama Drop 2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
185	Yakama Drop 3	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
186	Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
187	Zena Creek Ranch	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	Total Small Hydro														
188	Cooperative	2.19	2.19	2.56	2.31	1.98	2.28	2.15	2.69	2.70	2.93	2.93	3.00	3.13	3.01
189	Federal Entities	3.69	3.69	3.20	4.31	4.69	4.80	4.79	4.82	4.78	4.78	4.78	4.78	4.29	3.39
190	Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
191	Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
192	Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
193	Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
194	**Total Small Hydro**	**384**	**382**	**311**	**227**	**174**	**162**	**157**	**169**	**207**	**325**	**327**	**448**	**464**	**455**

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Exhibit 6
Table A-10: Regional Combustion Turbines

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Combustion Turbine Resources														
1	Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2	Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3	Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4	Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5	Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6	Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	20.5	20.5	20.5	20.5	24.6
7	Carty Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	440	440
8	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10	Encogen	160	160	162	165	168	169	170	168	167	166	166	164	162	160
11	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12	Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14	Frederickson CT	266	266	269	274	278	280	280	278	277	275	275	272	269	267
15	Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	151	148	147
16	Fredonia	311	311	316	326	335	341	342	337	334	329	329	323	316	311
17	Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	216	212	208	205
18	Fredonia 3 & 4	106	106	108	112	115	118	118	116	115	113	113	110	108	106
19	Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	263	260	257
20	Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21	Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22	Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23	Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
28	Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29	Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30	Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31	Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32	Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33	Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35	River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37	Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38	University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
40	Investor Owned Utilities	4395	4395	4453	4524	4771	4838	4844	4799	4653	4607	4607	4502	4397	4837
41	Marketer	1234	1234	1234	1234	1134	1134	1134	1134	1234	1234	1234	1234	1234	1234
42	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43	Public Utility District	443	443	444	446	448	449	450	449	448	447	447	391	444	443
44	**Total**	**6090**	**6090**	**6150**	**6223**	**6372**	**6440**	**6447**	**6401**	**6354**	**6307**	**6307**	**6140**	**6088**	**6533**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Combustion Turbine Resources														
1	Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2	Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3	Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4	Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5	Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6	Boulder Park	24.6	24.6	20.5	20.5	20.5	20.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7	Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10	Encogen	160	160	162	165	168	169	170	168	167	166	166	164	162	160
11	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12	Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14	Frederickson CT	266	266	269	274	278	280	280	278	277	275	275	272	269	267
15	Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	151	148	147
16	Fredonia	311	311	316	326	335	341	342	337	334	329	329	323	316	311
17	Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	216	212	208	205
18	Fredonia 3 & 4	106	106	108	112	115	118	118	116	115	113	113	110	108	106
19	Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	263	260	257
20	Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21	Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22	Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23	Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
28	Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29	Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30	Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31	Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32	Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33	Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35	River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37	Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38	University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
40	Investor Owned Utilities	4835	4835	4888	4962	5209	5274	5184	5139	5093	5051	5051	4946	4401	4837
41	Marketer	1234	1234	1234	1234	1134	1134	1234	1234	1234	1234	1234	1234	1234	1234
42	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43	Public Utility District	443	443	444	446	448	449	450	449	448	447	447	391	444	443
44	**Total**	**6530**	**6530**	**6586**	**6662**	**6811**	**6876**	**6887**	**6841**	**6794**	**6752**	**6752**	**6584**	**6092**	**6533**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Combustion Turbine Resources														
1	Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2	Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3	Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4	Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5	Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6	Boulder Park	24.6	24.6	20.5	20.5	20.5	20.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7	Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10	Encogen	160	160	162	165	168	169	170	168	167	166	166	164	162	160
11	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12	Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14	Frederickson CT	266	266	269	274	278	280	280	278	277	275	275	272	269	267
15	Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	151	148	147
16	Fredonia	311	311	316	326	335	341	342	337	334	329	329	323	316	311
17	Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	216	212	208	205
18	Fredonia 3 & 4	106	106	108	112	115	118	118	116	115	113	113	110	108	106
19	Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	263	260	257
20	Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21	Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22	Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23	Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
28	Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29	Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30	Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31	Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32	Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33	Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35	River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37	Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38	University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
40	Investor Owned Utilities	4835	4835	4888	4962	5109	5174	5184	5139	5093	5051	5051	4946	4401	4837
41	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43	Public Utility District	443	443	444	446	448	449	450	449	448	447	447	391	444	443
44	**Total**	**6530**	**6530**	**6586**	**6662**	**6811**	**6876**	**6887**	**6841**	**6794**	**6752**	**6752**	**6584**	**6092**	**6533**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Combustion Turbine Resources														
1	Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2	Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3	Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4	Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5	Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6	Boulder Park	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7	Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10	Encogen	160	160	162	165	168	169	170	168	167	166	166	164	162	160
11	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12	Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14	Frederickson CT	266	266	269	274	278	280	280	278	277	275	275	272	269	267
15	Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	151	148	147
16	Fredonia	311	311	316	326	335	341	342	337	334	329	329	323	316	311
17	Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	216	212	208	205
18	Fredonia 3 & 4	106	106	108	112	115	118	118	116	115	113	113	110	108	106
19	Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	263	260	257
20	Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21	Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22	Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23	Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
28	Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29	Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30	Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31	Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32	Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33	Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35	River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37	Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38	University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
40	Investor Owned Utilities	4835	4835	4893	4966	5113	5178	5184	5139	5093	5051	5051	4946	4401	4837
41	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43	Public Utility District	443	443	444	446	448	449	450	449	448	447	447	391	444	443
44	**Total**	**6530**	**6530**	**6590**	**6666**	**6815**	**6880**	**6887**	**6841**	**6794**	**6752**	**6752**	**6584**	**6092**	**6533**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Combustion Turbine Resources														
1	Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2	Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3	Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4	Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5	Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6	Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7	Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10	Encogen	160	160	162	165	168	169	170	168	167	166	166	164	162	160
11	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12	Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14	Frederickson CT	266	266	269	274	278	280	280	278	277	275	275	272	269	267
15	Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	151	148	147
16	Fredonia	311	311	316	326	335	341	342	337	334	329	329	323	316	311
17	Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	216	212	208	205
18	Fredonia 3 & 4	106	106	108	112	115	118	118	116	115	113	113	110	108	106
19	Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	263	260	257
20	Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21	Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22	Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23	Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
28	Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29	Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30	Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31	Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32	Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33	Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35	River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37	Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38	University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
40	Investor Owned Utilities	4835	4835	4893	4964	5111	5178	5184	5139	5093	5051	5051	4946	4401	4837
41	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43	Public Utility District	443	443	444	446	448	449	450	449	448	447	447	391	444	443
44	**Total**	**6530**	**6530**	**6590**	**6663**	**6812**	**6880**	**6887**	**6841**	**6794**	**6752**	**6752**	**6584**	**6092**	**6533**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Combustion Turbine Resources														
1	Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2	Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3	Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4	Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5	Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6	Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7	Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10	Encogen	160	160	162	165	168	169	170	168	167	166	166	164	162	160
11	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12	Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14	Frederickson CT	266	266	269	274	278	280	280	278	277	275	275	272	269	267
15	Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	151	148	147
16	Fredonia	311	311	316	326	335	341	342	337	334	329	329	323	316	311
17	Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	216	212	208	205
18	Fredonia 3 & 4	106	106	108	112	115	118	118	116	115	113	113	110	108	106
19	Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	263	260	257
20	Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21	Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22	Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23	Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
28	Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29	Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30	Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31	Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32	Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33	Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35	River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37	Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38	University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
40	Investor Owned Utilities	4835	4835	4893	4964	5111	5178	5184	5139	5093	5051	5051	4946	4401	4837
41	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43	Public Utility District	443	443	444	446	448	449	450	449	448	447	447	391	444	443
44	**Total**	**6530**	**6530**	**6590**	**6663**	**6812**	**6880**	**6887**	**6841**	**6794**	**6752**	**6752**	**6584**	**6092**	**6533**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Combustion Turbine Resources														
1	Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2	Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3	Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4	Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5	Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6	Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7	Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10	Encogen	160	160	162	165	168	169	170	168	167	166	166	164	162	160
11	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12	Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
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14	Frederickson CT	266	266	269	274	278	280	280	278	277	275	275	272	269	267
15	Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	151	148	147
16	Fredonia	311	311	316	326	335	341	342	337	334	329	329	323	316	311
17	Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	216	212	208	205
18	Fredonia 3 & 4	106	106	108	112	115	118	118	116	115	113	113	110	108	106
19	Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	263	260	257
20	Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21	Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22	Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23	Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
28	Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29	Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30	Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31	Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32	Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33	Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35	River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37	Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38	University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
40	Investor Owned Utilities	4835	4835	4893	4964	5111	5178	5184	5139	5093	5051	5051	4946	4401	4837
41	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43	Public Utility District	443	443	444	446	448	449	450	449	448	447	447	391	444	443
44	**Total**	**6530**	**6530**	**6590**	**6663**	**6812**	**6880**	**6887**	**6841**	**6794**	**6752**	**6752**	**6584**	**6092**	**6533**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Combustion Turbine Resources														
1	Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2	Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3	Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4	Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5	Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6	Boulder Park	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7	Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10	Encogen	160	160	162	165	168	169	170	168	167	166	166	164	162	160
11	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12	Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14	Frederickson CT	266	266	269	274	278	280	280	278	277	275	275	272	269	267
15	Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	151	148	147
16	Fredonia	311	311	316	326	335	341	342	337	334	329	329	323	316	311
17	Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	216	212	208	205
18	Fredonia 3 & 4	106	106	108	112	115	118	118	116	115	113	113	110	108	106
19	Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	263	260	257
20	Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21	Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22	Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23	Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
28	Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29	Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30	Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31	Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32	Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33	Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35	River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37	Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38	University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
40	Investor Owned Utilities	4835	4835	4893	4966	5113	5178	5184	5139	5093	5051	5051	4946	4401	4837
41	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43	Public Utility District	443	443	444	446	448	449	450	449	448	447	447	391	444	443
44	**Total**	**6530**	**6530**	**6590**	**6666**	**6815**	**6880**	**6887**	**6841**	**6794**	**6752**	**6752**	**6584**	**6092**	**6533**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2024

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Combustion Turbine Resources														
1	Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2	Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3	Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4	Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5	Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6	Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7	Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10	Encogen	160	160	162	165	168	169	170	168	167	166	166	164	162	160
11	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12	Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14	Frederickson CT	266	266	269	274	278	280	280	278	277	275	275	272	269	267
15	Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	151	148	147
16	Fredonia	311	311	316	326	335	341	342	337	334	329	329	323	316	311
17	Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	216	212	208	205
18	Fredonia 3 & 4	106	106	108	112	115	118	118	116	115	113	113	110	108	106
19	Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	263	260	257
20	Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21	Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22	Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23	Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
28	Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29	Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30	Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31	Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32	Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33	Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35	River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37	Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38	University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
40	Investor Owned Utilities	4835	4835	4893	4964	5111	5178	5184	5139	5093	5051	5051	4946	4401	4837
41	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43	Public Utility District	443	443	444	446	448	449	450	449	448	447	447	391	444	443
44	**Total**	**6530**	**6530**	**6590**	**6663**	**6812**	**6880**	**6887**	**6841**	**6794**	**6752**	**6752**	**6584**	**6092**	**6533**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2025

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Combustion Turbine Resources														
1	Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2	Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3	Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4	Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5	Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6	Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7	Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10	Encogen	160	160	162	165	168	169	170	168	167	166	166	164	162	160
11	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12	Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14	Frederickson CT	266	266	269	274	278	280	280	278	277	275	275	272	269	267
15	Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	151	148	147
16	Fredonia	311	311	316	326	335	341	342	337	334	329	329	323	316	311
17	Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	216	212	208	205
18	Fredonia 3 & 4	106	106	108	112	115	118	118	116	115	113	113	110	108	106
19	Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	263	260	257
20	Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21	Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22	Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23	Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
28	Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29	Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30	Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31	Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32	Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33	Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35	River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37	Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38	University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
40	Investor Owned Utilities	4835	4835	4893	4964	5111	5178	5184	5139	5093	5051	5051	4946	4401	4837
41	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43	Public Utility District	443	443	444	446	448	449	450	449	448	447	447	391	444	443
44	**Total**	**6530**	**6530**	**6590**	**6663**	**6812**	**6880**	**6887**	**6841**	**6794**	**6752**	**6752**	**6584**	**6092**	**6533**

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Exhibit 7
Table A-11: Regional Renewable Resources

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-11: Regional: Renewable Resources

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bettencourt B6 anaerobic digest	0.46	0.97	0.97	0.97	0.97	1.21	1.25	1.21	0.02	0.18	0.16	0.23	0.23	0.41
10	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Big Sky Dairy	1.05	1.05	1.08	1.05	1.13	1.11	1.01	0.96	1.06	1.05	1.05	1.07	1.13	1.03
14	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
24	Coffin Butte	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58
25	Coffin Butte 1	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
26	Coffin Butte 2	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
27	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	DeRuyter & Son's Dairy	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
36	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Double A Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Dry Creek Landfill	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
40	Dry Dairy Creek	1.38	1.39	1.36	1.36	1.33	1.26	1.17	1.40	1.39	1.30	0.96	1.15	1.15	1.10
41	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
45	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Farm Power Lynden	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
47	Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
48	Farm Power Rexville	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49	Farm Power Tillamook	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	Fighting Creek Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
51	Finley BioEnergy	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
52	Flathead County Landfill	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
53	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2016

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	H.W. Hill Landfill Gas (Roosevelt	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
63	HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
65	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hidden Hollow Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
70	High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Industrial Finishes	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
78	JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
79	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Kettle Falls (biomass)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
82	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
104	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
111	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2016

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117	Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
118	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Pine Products Biomass	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
128	Portland Waste Water	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
129	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Puyallup Energy Recovery	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
131	Qualco Dairy Digester	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
132	Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
133	Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
134	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
137	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	River Bend Landfill	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
139	Rock Creek Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Short Mountain	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
150	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
155	Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
164	Vander Haak Dairy	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
165	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
176	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
183	Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
184	Federal Entities	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
185	Investor Owned Utilities	124	124	124	124	124	125	124	125	123	123	123	123	123	123
186	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
188	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
190	**Total**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**178**	**178**	**178**	**178**	**178**	**178**

Table A-11: Regional: Renewable Resources

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2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bettencourt B6 anaerobic digest	0.46	0.97	0.97	0.97	0.97	1.21	1.25	1.21	0.02	0.18	0.16	0.23	0.23	0.41
10	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Big Sky Dairy	1.05	1.05	1.08	1.05	1.13	1.11	1.01	0.96	1.06	1.05	1.05	1.07	1.13	1.03
14	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
24	Coffin Butte	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58
25	Coffin Butte 1	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
26	Coffin Butte 2	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
27	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	DeRuyter & Son's Dairy	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
36	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Double A Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Dry Creek Landfill	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
40	Dry Dairy Creek	1.38	1.39	1.36	1.36	1.33	1.26	1.17	1.40	1.39	1.30	0.96	1.15	1.15	1.10
41	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
45	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Farm Power Lynden	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
47	Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
48	Farm Power Rexville	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49	Farm Power Tillamook	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	Fighting Creek Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
51	Finley BioEnergy	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
52	Flathead County Landfill	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
53	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2017

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	H.W. Hill Landfill Gas (Roosevelt	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
63	HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
65	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hidden Hollow Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
70	High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Industrial Finishes	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
78	JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
79	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Kettle Falls (biomass)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
82	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
104	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
111	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10

Table A-11: Regional: Renewable Resources

Operating Year 2017

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Pine Products Biomass	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
128	Portland Waste Water	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
129	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Puyallup Energy Recovery	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
131	Qualco Dairy Digester	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
132	Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
133	Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
134	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
137	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	River Bend Landfill	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
139	Rock Creek Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Short Mountain	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
150	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
155	Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
164	Vander Haak Dairy	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
165	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2017

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
183	Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
184	Federal Entities	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
185	Investor Owned Utilities	124	124	124	124	124	125	124	125	123	123	123	123	123	123
186	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
188	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
190	**Total**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**178**	**178**	**178**	**178**	**178**	**178**

Table A-11: Regional: Renewable Resources

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bettencourt B6 anaerobic digest	0.46	0.97	0.97	0.97	0.97	1.21	1.25	1.21	0.02	0.18	0.16	0.23	0.23	0.41
10	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Big Sky Dairy	1.05	1.05	1.08	1.05	1.13	1.11	1.01	0.96	1.06	1.05	1.05	1.07	1.13	1.03
14	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
24	Coffin Butte	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58
25	Coffin Butte 1	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
26	Coffin Butte 2	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
27	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	DeRuyter & Son's Dairy	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
36	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Double A Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Dry Creek Landfill	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
40	Dry Dairy Creek	1.38	1.39	1.36	1.36	1.33	1.26	1.17	1.40	1.39	1.30	0.96	1.15	1.15	1.10
41	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
45	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Farm Power Lynden	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
47	Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
48	Farm Power Rexville	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49	Farm Power Tillamook	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	Fighting Creek Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
51	Finley BioEnergy	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
52	Flathead County Landfill	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
53	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2018

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	H.W. Hill Landfill Gas (Roosevelt	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
63	HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
65	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hidden Hollow Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
70	High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Industrial Finishes	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
78	JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
79	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Kettle Falls (biomass)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
82	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
104	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
111	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Pine Products Biomass	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
128	Portland Waste Water	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
129	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Puyallup Energy Recovery	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
131	Qualco Dairy Digester	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
132	Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
133	Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
134	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
137	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	River Bend Landfill	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
139	Rock Creek Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Short Mountain	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
150	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
155	Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
164	Vander Haak Dairy	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
165	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
183	Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
184	Federal Entities	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
185	Investor Owned Utilities	124	124	124	124	124	125	124	125	123	123	123	123	123	123
186	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
188	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
190	**Total**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**178**	**178**	**178**	**178**	**178**	**178**

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bettencourt B6 anaerobic digest	0.46	0.97	0.97	0.97	0.97	1.21	1.25	1.21	0.02	0.18	0.16	0.23	0.23	0.41
10	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Big Sky Dairy	1.05	1.05	1.08	1.05	1.13	1.11	1.01	0.96	1.06	1.05	1.05	1.07	1.13	1.03
14	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
24	Coffin Butte	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58
25	Coffin Butte 1	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
26	Coffin Butte 2	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
27	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	DeRuyter & Son's Dairy	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
36	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Double A Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Dry Creek Landfill	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
40	Dry Dairy Creek	1.38	1.39	1.36	1.36	1.33	1.26	1.17	1.40	1.39	1.30	0.96	1.15	1.15	1.10
41	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
45	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Farm Power Lynden	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
47	Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
48	Farm Power Rexville	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49	Farm Power Tillamook	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	Fighting Creek Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
51	Finley BioEnergy	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
52	Flathead County Landfill	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
53	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	H.W. Hill Landfill Gas (Roosevelt	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
63	HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
65	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hidden Hollow Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
70	High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Industrial Finishes	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
78	JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
79	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Kettle Falls (biomass)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
82	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
104	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
111	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Pine Products Biomass	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
128	Portland Waste Water	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
129	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Puyallup Energy Recovery	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
131	Qualco Dairy Digester	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
132	Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
133	Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
134	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
137	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	River Bend Landfill	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
139	Rock Creek Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Short Mountain	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
150	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
155	Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
164	Vander Haak Dairy	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
165	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
183	Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
184	Federal Entities	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
185	Investor Owned Utilities	124	124	124	124	124	125	124	125	123	123	123	123	123	123
186	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
188	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
190	**Total**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**178**	**178**	**178**	**178**	**178**	**178**

Table A-11: Regional: Renewable Resources

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bettencourt B6 anaerobic digest	0.46	0.97	0.97	0.97	0.97	1.21	1.25	1.21	0.02	0.18	0.16	0.23	0.23	0.41
10	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Big Sky Dairy	1.05	1.05	1.08	1.05	1.13	1.11	1.01	0.96	1.06	1.05	1.05	1.07	1.13	1.03
14	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
24	Coffin Butte	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58
25	Coffin Butte 1	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
26	Coffin Butte 2	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
27	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	DeRuyter & Son's Dairy	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
36	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Double A Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Dry Creek Landfill	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
40	Dry Dairy Creek	1.38	1.39	1.36	1.36	1.33	1.26	1.17	1.40	1.39	1.30	0.96	1.15	1.15	1.10
41	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
45	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Farm Power Lynden	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
47	Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
48	Farm Power Rexville	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49	Farm Power Tillamook	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	Fighting Creek Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
51	Finley BioEnergy	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
52	Flathead County Landfill	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
53	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2020

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	H.W. Hill Landfill Gas (Roosevelt	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
63	HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
65	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hidden Hollow Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
70	High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Industrial Finishes	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
78	JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
79	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Kettle Falls (biomass)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
82	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
104	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
111	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Pine Products Biomass	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
128	Portland Waste Water	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
129	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Puyallup Energy Recovery	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
131	Qualco Dairy Digester	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
132	Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
133	Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
134	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
137	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	River Bend Landfill	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
139	Rock Creek Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Short Mountain	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
150	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
155	Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
164	Vander Haak Dairy	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
165	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2020

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
183	Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
184	Federal Entities	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0	0	0
185	Investor Owned Utilities	124	124	124	124	124	125	124	125	123	123	123	123	123	123
186	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
188	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
190	**Total**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**178**	**178**	**178**	**178**	**178**	**178**

Table A-11: Regional: Renewable Resources

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bettencourt B6 anaerobic digest	0.46	0.97	0.97	0.97	0.97	1.21	1.25	1.21	0.02	0.18	0.16	0.23	0.23	0.41
10	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Big Sky Dairy	1.05	1.05	1.08	1.05	1.13	1.11	1.01	0.96	1.06	1.05	1.05	1.07	1.13	1.03
14	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
24	Coffin Butte	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58
25	Coffin Butte 1	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
26	Coffin Butte 2	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
27	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	DeRuyter & Son's Dairy	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
36	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Double A Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Dry Creek Landfill	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
40	Dry Dairy Creek	1.38	1.39	1.36	1.36	1.33	1.26	1.17	1.40	1.39	1.30	0.96	1.15	1.15	1.10
41	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
45	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Farm Power Lynden	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
47	Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
48	Farm Power Rexville	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49	Farm Power Tillamook	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	Fighting Creek Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
51	Finley BioEnergy	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
52	Flathead County Landfill	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
53	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	H.W. Hill Landfill Gas (Roosevelt	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
63	HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
65	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hidden Hollow Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
70	High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Industrial Finishes	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
78	JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
79	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Kettle Falls (biomass)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
82	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
104	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
111	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Pine Products Biomass	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
128	Portland Waste Water	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
129	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Puyallup Energy Recovery	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
131	Qualco Dairy Digester	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
132	Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
133	Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
134	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
137	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	River Bend Landfill	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
139	Rock Creek Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Short Mountain	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
150	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
155	Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
164	Vander Haak Dairy	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
165	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2021

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
183	Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
184	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	Investor Owned Utilities	124	124	124	124	124	125	124	125	123	123	123	123	123	123
186	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
188	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
190	**Total**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**178**	**178**	**178**	**178**	**178**	**178**

Table A-11: Regional: Renewable Resources

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bettencourt B6 anaerobic digest	0.46	0.97	0.97	0.97	0.97	1.21	1.25	1.21	0.02	0.18	0.16	0.23	0.23	0.41
10	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Big Sky Dairy	1.05	1.05	1.08	1.05	1.13	1.11	1.01	0.96	1.06	1.05	1.05	1.07	1.13	1.03
14	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
24	Coffin Butte	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58
25	Coffin Butte 1	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
26	Coffin Butte 2	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
27	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	DeRuyter & Son's Dairy	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
36	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Double A Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Dry Creek Landfill	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
40	Dry Dairy Creek	1.38	1.39	1.36	1.36	1.33	1.26	1.17	1.40	1.39	1.30	0.96	1.15	1.15	1.10
41	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
45	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Farm Power Lynden	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
47	Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
48	Farm Power Rexville	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49	Farm Power Tillamook	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	Fighting Creek Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
51	Finley BioEnergy	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
52	Flathead County Landfill	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
53	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2022

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	H.W. Hill Landfill Gas (Roosevelt	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
63	HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
65	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hidden Hollow Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
70	High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Industrial Finishes	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
78	JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
79	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Kettle Falls (biomass)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
82	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
104	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
111	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10

Table A-11: Regional: Renewable Resources

Operating Year 2022

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Pine Products Biomass	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
128	Portland Waste Water	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
129	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Puyallup Energy Recovery	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
131	Qualco Dairy Digester	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
132	Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
133	Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
134	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
137	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	River Bend Landfill	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
139	Rock Creek Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Short Mountain	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
150	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
155	Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
164	Vander Haak Dairy	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
165	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2022

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
183	Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
184	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	Investor Owned Utilities	124	124	124	124	124	125	124	125	123	123	123	123	123	123
186	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
188	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
190	**Total**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**178**	**178**	**178**	**178**	**178**	**178**

Table A-11: Regional: Renewable Resources

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2014 White Book Report Date: **10/31/2014**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bettencourt B6 anaerobic digest	0.46	0.97	0.97	0.97	0.97	1.21	1.25	1.21	0.02	0.18	0.16	0.23	0.23	0.41
10	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Big Sky Dairy	1.05	1.05	1.08	1.05	1.13	1.11	1.01	0.96	1.06	1.05	1.05	1.07	1.13	1.03
14	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
24	Coffin Butte	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58
25	Coffin Butte 1	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
26	Coffin Butte 2	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
27	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	DeRuyter & Son's Dairy	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
36	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Double A Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Dry Creek Landfill	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
40	Dry Dairy Creek	1.38	1.39	1.36	1.36	1.33	1.26	1.17	1.40	1.39	1.30	0.96	1.15	1.15	1.10
41	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
45	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Farm Power Lynden	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
47	Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
48	Farm Power Rexville	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49	Farm Power Tillamook	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	Fighting Creek Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
51	Finley BioEnergy	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
52	Flathead County Landfill	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
53	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	H.W. Hill Landfill Gas (Roosevelt	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
63	HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
65	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hidden Hollow Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
70	High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Industrial Finishes	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
78	JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
79	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Kettle Falls (biomass)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
82	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
104	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
111	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Pine Products Biomass	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
128	Portland Waste Water	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
129	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Puyallup Energy Recovery	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
131	Qualco Dairy Digester	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
132	Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
133	Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
134	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
137	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	River Bend Landfill	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
139	Rock Creek Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Short Mountain	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
150	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
155	Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
164	Vander Haak Dairy	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
165	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
183	Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
184	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	Investor Owned Utilities	124	124	124	124	124	125	124	125	123	123	123	123	123	123
186	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
188	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
190	**Total**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**178**	**178**	**178**	**178**	**178**	**178**

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bettencourt B6 anaerobic digest	0.46	0.97	0.97	0.97	0.97	1.21	1.25	1.21	0.02	0.18	0.16	0.23	0.23	0.41
10	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Big Sky Dairy	1.05	1.05	1.08	1.05	1.13	1.11	1.01	0.96	1.06	1.05	1.05	1.07	1.13	1.03
14	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
24	Coffin Butte	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58
25	Coffin Butte 1	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
26	Coffin Butte 2	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
27	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	DeRuyter & Son's Dairy	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
36	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Double A Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Dry Creek Landfill	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
40	Dry Dairy Creek	1.38	1.39	1.36	1.36	1.33	1.26	1.17	1.40	1.39	1.30	0.96	1.15	1.15	1.10
41	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
45	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Farm Power Lynden	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
47	Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
48	Farm Power Rexville	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49	Farm Power Tillamook	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	Fighting Creek Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
51	Finley BioEnergy	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
52	Flathead County Landfill	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
53	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	H.W. Hill Landfill Gas (Roosevelt	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
63	HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
65	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hidden Hollow Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
70	High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Industrial Finishes	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
78	JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
79	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Kettle Falls (biomass)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
82	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
104	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
111	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Pine Products Biomass	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
128	Portland Waste Water	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
129	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Puyallup Energy Recovery	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
131	Qualco Dairy Digester	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
132	Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
133	Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
134	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
137	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	River Bend Landfill	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
139	Rock Creek Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Short Mountain	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
150	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
155	Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
164	Vander Haak Dairy	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
165	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
183	Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
184	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	Investor Owned Utilities	124	124	124	124	124	125	124	125	123	123	123	123	123	123
186	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
188	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
190	**Total**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**178**	**178**	**178**	**178**	**178**	**178**

Table A-11: Regional: Renewable Resources

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bettencourt B6 anaerobic digest	0.46	0.97	0.97	0.97	0.97	1.21	1.25	1.21	0.02	0.18	0.16	0.23	0.23	0.41
10	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Big Sky Dairy	1.05	1.05	1.08	1.05	1.13	1.11	1.01	0.96	1.06	1.05	1.05	1.07	1.13	1.03
14	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
24	Coffin Butte	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58	5.58
25	Coffin Butte 1	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
26	Coffin Butte 2	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
27	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	DeRuyter & Son's Dairy	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
36	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Double A Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Dry Creek Landfill	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
40	Dry Dairy Creek	1.38	1.39	1.36	1.36	1.33	1.26	1.17	1.40	1.39	1.30	0.96	1.15	1.15	1.10
41	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
45	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Farm Power Lynden	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
47	Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
48	Farm Power Rexville	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49	Farm Power Tillamook	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	Fighting Creek Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
51	Finley BioEnergy	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
52	Flathead County Landfill	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
53	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	H.W. Hill Landfill Gas (Roosevelt	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
63	HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
65	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hidden Hollow Landfill	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
70	High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Industrial Finishes	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
78	JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
79	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Kettle Falls (biomass)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
82	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
104	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
111	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10

Table A-11: Regional: Renewable Resources

Operating Year 2025

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Pine Products Biomass	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
128	Portland Waste Water	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
129	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Puyallup Energy Recovery	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
131	Qualco Dairy Digester	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
132	Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
133	Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
134	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
137	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	River Bend Landfill	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
139	Rock Creek Digester	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Short Mountain	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
150	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
155	Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
164	Vander Haak Dairy	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
165	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2025

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
183	Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
184	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	Investor Owned Utilities	124	124	124	124	124	125	124	125	123	123	123	123	123	123
186	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
188	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
190	**Total**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**179**	**178**	**178**	**178**	**178**	**178**	**178**

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Exhibit 8
Table A-12: Regional Cogeneration Resources

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-12: Regional: Cogeneration Resources

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Cogeneration Resources														
1	Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2	Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3	Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4	Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5	Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8	Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9	Ferndale Cogeneration Station	262	262	263	265	268	270	270	269	267	266	266	0	263	262
10	Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13	Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14	Hampton Lumber Mill (Darringto	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	0	0	472	472	472
16	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17	Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18	Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19	Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20	InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21	Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22	Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25	Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26	Nippon Paper Cogen (Port Angel	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27	Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28	Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29	Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31	Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32	Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33	Rough & Ready Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	Rupert Cogeneration Facility	7.55	7.55	8.01	9.42	9.40	8.65	8.25	9.05	9.12	7.70	7.70	7.53	7.97	8.05
35	SDS Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
37	Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
38	Sierra Pacific - Burlington	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
39	Simplot Pocatello	9.75	9.75	9.32	8.88	8.12	8.12	7.81	9.22	8.57	8.30	8.30	7.47	4.06	8.57
40	Simpson Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
41	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42	SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43	SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44	Sumas	124	124	125	128	130	131	131	130	130	129	129	127	125	124
45	Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46	Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47	TASCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48	TASCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52	Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53	Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54	Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55	Weyerhauser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

Table A-12: Regional: Cogeneration Resources

Operating Year 2016

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
56	Cooperative	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16
57	Direct Service Industry	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
58	Federal Entities	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	0	0	0	0	0
59	Investor Owned Utilities	1647	1647	1662	1711	1726	1736	1737	1733	1722	1238	1230	1402	1649	1644
60	Marketer	841	841	841	841	841	841	841	841	211	841	841	841	841	841
61	Municipality	124	124	119	125	125	127	127	126	126	132	132	125	120	131
62	Public Utility District	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	42.3	42.3	40.8	38.4	40.4
63	**Total**	**2691**	**2691**	**2704**	**2763**	**2779**	**2794**	**2796**	**2790**	**2149**	**2289**	**2281**	**2445**	**2684**	**2692**

Table A-12: Regional: Cogeneration Resources

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Cogeneration Resources														
1	Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2	Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3	Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4	Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5	Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8	Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9	Ferndale Cogeneration Station	262	262	263	265	268	270	270	269	267	266	266	0	263	262
10	Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13	Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14	Hampton Lumber Mill (Darringto	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17	Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18	Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19	Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20	InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21	Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22	Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25	Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26	Nippon Paper Cogen (Port Angel	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27	Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28	Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29	Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31	Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32	Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33	Rough & Ready Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	Rupert Cogeneration Facility	7.55	7.55	8.01	9.42	9.40	8.65	8.25	9.05	9.12	7.70	7.70	7.53	7.97	8.05
35	SDS Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
37	Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
38	Sierra Pacific - Burlington	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
39	Simplot Pocatello	9.75	9.75	9.32	8.88	8.12	8.12	7.81	9.22	8.57	8.30	8.30	7.47	4.06	8.57
40	Simpson Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
41	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42	SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43	SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44	Sumas	124	124	125	128	130	131	131	130	130	129	129	127	125	124
45	Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46	Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47	TASCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48	TASCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52	Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53	Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54	Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55	Weyerhauser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

Table A-12: Regional: Cogeneration Resources

Operating Year 2017

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
56	Cooperative	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16
57	Direct Service Industry	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
58	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Investor Owned Utilities	1647	1647	1662	1711	1726	1736	1737	1733	1722	1710	1230	1402	1649	1644
60	Marketer	841	841	841	841	841	841	841	841	211	841	841	841	841	841
61	Municipality	130	130	126	134	135	139	139	137	137	132	132	125	120	131
62	Public Utility District	37.5	37.5	38.5	40.5	41.1	42.6	43.3	42.8	42.8	42.3	42.3	40.8	38.4	40.4
63	**Total**	**2691**	**2691**	**2704**	**2763**	**2779**	**2794**	**2796**	**2790**	**2149**	**2761**	**2281**	**2445**	**2684**	**2692**

Table A-12: Regional: Cogeneration Resources

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Cogeneration Resources														
1	Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2	Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3	Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4	Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5	Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8	Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9	Ferndale Cogeneration Station	262	262	263	265	268	270	270	269	267	266	266	0	263	262
10	Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13	Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14	Hampton Lumber Mill (Darringto	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17	Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18	Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19	Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20	InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21	Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22	Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25	Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26	Nippon Paper Cogen (Port Angel	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27	Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28	Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29	Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31	Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32	Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33	Rough & Ready Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	Rupert Cogeneration Facility	7.55	7.55	8.01	9.42	9.40	8.65	8.25	9.05	9.12	7.70	7.70	7.53	7.97	8.05
35	SDS Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
37	Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
38	Sierra Pacific - Burlington	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
39	Simplot Pocatello	9.75	9.75	9.32	8.88	8.12	8.12	7.81	9.22	8.57	8.30	8.30	7.47	4.06	8.57
40	Simpson Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
41	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42	SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43	SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44	Sumas	124	124	125	128	130	131	131	130	130	129	129	127	125	124
45	Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46	Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47	TASCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48	TASCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52	Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53	Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54	Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55	Weyerhauser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

Table A-12: Regional: Cogeneration Resources

Operating Year 2018

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16
57 Direct Service Industry	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1647	1647	1662	1711	1726	1736	1737	1733	1722	1710	1230	1402	1649	1644
60 Marketer	841	841	841	841	841	841	841	841	211	841	841	841	841	841
61 Municipality	130	130	126	134	135	139	139	137	137	132	132	125	120	131
62 Public Utility District	37.5	37.5	38.5	40.5	41.1	42.6	43.3	42.8	42.8	42.3	42.3	40.8	38.4	40.4
63 Total	**2691**	**2691**	**2704**	**2763**	**2779**	**2794**	**2796**	**2790**	**2149**	**2761**	**2281**	**2445**	**2684**	**2692**

Table A-12: Regional: Cogeneration Resources

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Cogeneration Resources														
1	Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2	Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3	Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4	Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5	Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8	Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9	Ferndale Cogeneration Station	262	262	263	265	268	270	270	269	267	266	266	0	263	262
10	Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13	Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14	Hampton Lumber Mill (Darringto	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	0	0	472	472	472
16	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17	Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18	Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19	Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20	InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21	Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22	Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25	Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26	Nippon Paper Cogen (Port Angel	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27	Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28	Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29	Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31	Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32	Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33	Rough & Ready Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	Rupert Cogeneration Facility	7.55	7.55	8.01	9.42	9.40	8.65	8.25	9.05	9.12	7.70	7.70	7.53	7.97	8.05
35	SDS Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
37	Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
38	Sierra Pacific - Burlington	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
39	Simplot Pocatello	9.75	9.75	9.32	8.88	8.12	8.12	7.81	9.22	8.57	8.30	8.30	7.47	4.06	8.57
40	Simpson Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
41	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42	SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43	SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44	Sumas	124	124	125	128	130	131	131	130	130	129	129	127	125	124
45	Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46	Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47	TASCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48	TASCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52	Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53	Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54	Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55	Weyerhauser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

Table A-12: Regional: Cogeneration Resources

Operating Year 2019

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
56	Cooperative	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	1.50
57	Direct Service Industry	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
58	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Investor Owned Utilities	1647	1647	1662	1711	1726	1736	1737	1733	1722	1238	1230	1402	1649	1644
60	Marketer	841	841	841	841	841	841	841	841	211	841	841	841	841	848
61	Municipality	130	130	126	134	135	139	139	137	137	132	132	125	120	131
62	Public Utility District	37.5	37.5	38.5	40.5	41.1	42.6	43.3	42.8	42.8	42.3	42.3	40.8	38.4	40.4
63	**Total**	**2691**	**2691**	**2704**	**2763**	**2779**	**2794**	**2796**	**2790**	**2149**	**2289**	**2281**	**2445**	**2684**	**2692**

Table A-12: Regional: Cogeneration Resources

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Cogeneration Resources														
1	Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2	Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3	Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4	Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5	Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8	Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9	Ferndale Cogeneration Station	262	262	263	265	268	270	270	269	267	266	266	0	263	262
10	Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13	Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14	Hampton Lumber Mill (Darringto	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17	Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18	Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19	Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20	InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21	Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22	Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25	Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26	Nippon Paper Cogen (Port Angel	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27	Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28	Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29	Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31	Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32	Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33	Rough & Ready Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	Rupert Cogeneration Facility	7.55	7.55	8.01	9.42	9.40	8.65	8.25	9.05	9.12	7.70	7.70	7.53	7.97	8.05
35	SDS Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
37	Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
38	Sierra Pacific - Burlington	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
39	Simplot Pocatello	9.75	9.75	9.32	8.88	8.12	8.12	7.81	9.22	8.57	8.30	8.30	7.47	4.06	8.57
40	Simpson Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
41	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42	SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43	SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44	Sumas	124	124	125	128	130	131	131	130	130	129	129	127	125	124
45	Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46	Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47	TASCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48	TASCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52	Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53	Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54	Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55	Weyerhauser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

Table A-12: Regional: Cogeneration Resources

Operating Year 2020

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
56	Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57	Direct Service Industry	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
58	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Investor Owned Utilities	1647	1647	1662	1711	1726	1736	1737	1733	1722	1710	1230	1402	1649	1644
60	Marketer	848	848	861	867	867	869	869	868	238	863	863	858	855	864
61	Municipality	130	130	113	115	115	117	118	117	117	117	117	115	113	115
62	Public Utility District	37.5	37.5	38.5	40.5	41.1	42.6	43.3	42.8	42.8	42.3	42.3	40.8	38.4	40.4
63	**Total**	**2691**	**2691**	**2704**	**2763**	**2779**	**2794**	**2796**	**2790**	**2149**	**2761**	**2281**	**2445**	**2684**	**2692**

Table A-12: Regional: Cogeneration Resources

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Cogeneration Resources														
1	Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2	Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3	Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4	Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5	Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8	Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9	Ferndale Cogeneration Station	262	262	263	265	268	270	270	269	267	266	266	0	263	262
10	Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13	Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14	Hampton Lumber Mill (Darringto	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17	Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18	Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19	Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20	InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21	Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22	Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25	Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26	Nippon Paper Cogen (Port Angel	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27	Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28	Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29	Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31	Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32	Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33	Rough & Ready Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	Rupert Cogeneration Facility	7.55	7.55	8.01	9.42	9.40	8.65	8.25	9.05	9.12	7.70	7.70	7.53	7.97	8.05
35	SDS Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
37	Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
38	Sierra Pacific - Burlington	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
39	Simplot Pocatello	9.75	9.75	9.32	8.88	8.12	8.12	7.81	9.22	8.57	8.30	8.30	7.47	4.06	8.57
40	Simpson Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
41	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42	SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43	SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44	Sumas	124	124	125	128	130	131	131	130	130	129	129	127	125	124
45	Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46	Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47	TASCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48	TASCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52	Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53	Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54	Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55	Weyerhauser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

Table A-12: Regional: Cogeneration Resources

Operating Year 2021

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
56	Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57	Direct Service Industry	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	42.1	46.0
58	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Investor Owned Utilities	1647	1647	1662	1711	1726	1736	1737	1733	1722	1710	1230	1402	1649	1644
60	Marketer	866	866	861	867	867	869	869	868	238	863	863	858	855	864
61	Municipality	112	112	113	115	115	117	118	117	117	117	117	115	106	106
62	Public Utility District	37.5	37.5	38.5	40.5	41.1	42.6	43.3	42.8	42.8	42.3	42.3	40.8	31.3	31.3
63	**Total**	**2691**	**2691**	**2704**	**2763**	**2779**	**2794**	**2796**	**2790**	**2149**	**2761**	**2281**	**2445**	**2684**	**2692**

Table A-12: Regional: Cogeneration Resources

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Cogeneration Resources														
1	Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2	Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3	Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4	Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5	Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8	Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9	Ferndale Cogeneration Station	262	262	263	265	268	270	270	269	267	266	266	0	263	262
10	Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13	Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14	Hampton Lumber Mill (Darringto	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	0	0	472	472	472
16	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17	Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18	Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19	Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20	InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21	Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22	Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25	Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26	Nippon Paper Cogen (Port Angel	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27	Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28	Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29	Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31	Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32	Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33	Rough & Ready Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	Rupert Cogeneration Facility	7.55	7.55	8.01	9.42	9.40	8.65	8.25	9.05	9.12	7.70	7.70	7.53	7.97	8.05
35	SDS Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
37	Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
38	Sierra Pacific - Burlington	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
39	Simplot Pocatello	9.75	9.75	9.32	8.88	8.12	8.12	7.81	9.22	8.57	8.30	8.30	7.47	4.06	8.57
40	Simpson Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
41	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42	SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43	SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44	Sumas	124	124	125	128	130	131	131	130	130	129	129	127	125	124
45	Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46	Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47	TASCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48	TASCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52	Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53	Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54	Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55	Weyerhauser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

Table A-12: Regional: Cogeneration Resources

Operating Year 2022

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
56	Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57	Direct Service Industry	40.3	40.3	42.3	46.3	47.5	50.5	51.8	50.9	50.9	49.9	49.9	47.0	42.1	46.0
58	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Investor Owned Utilities	1647	1647	1662	1711	1726	1736	1737	1733	1722	1238	1230	1402	1649	1644
60	Marketer	921	921	916	922	922	924	924	923	293	918	918	913	910	919
61	Municipality	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
62	Public Utility District	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
63	**Total**	**2691**	**2691**	**2704**	**2763**	**2779**	**2794**	**2796**	**2790**	**2149**	**2289**	**2281**	**2445**	**2684**	**2692**

Table A-12: Regional: Cogeneration Resources

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Cogeneration Resources														
1	Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2	Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3	Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4	Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5	Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8	Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9	Ferndale Cogeneration Station	262	262	263	265	268	270	270	269	267	266	266	0	263	262
10	Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13	Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14	Hampton Lumber Mill (Darringto	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17	Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18	Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19	Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20	InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21	Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22	Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25	Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26	Nippon Paper Cogen (Port Angel	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27	Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28	Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29	Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31	Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32	Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33	Rough & Ready Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	Rupert Cogeneration Facility	7.55	7.55	8.01	9.42	9.40	8.65	8.25	9.05	9.12	7.70	7.70	7.53	7.97	8.05
35	SDS Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
37	Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
38	Sierra Pacific - Burlington	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
39	Simplot Pocatello	9.75	9.75	9.32	8.88	8.12	8.12	7.81	9.22	8.57	8.30	8.30	7.47	4.06	8.57
40	Simpson Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
41	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42	SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43	SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44	Sumas	124	124	125	128	130	131	131	130	130	129	129	127	125	124
45	Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46	Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47	TASCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48	TASCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52	Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53	Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54	Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55	Weyerhauser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

Table A-12: Regional: Cogeneration Resources

Operating Year 2023

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
56	Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57	Direct Service Industry	40.3	40.3	42.3	46.3	47.5	50.5	51.8	50.9	50.9	49.9	49.9	47.0	42.1	46.0
58	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Investor Owned Utilities	1647	1647	1662	1711	1726	1736	1737	1733	1722	1710	1230	1402	1649	1644
60	Marketer	921	921	916	922	922	924	924	923	293	918	918	913	910	919
61	Municipality	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
62	Public Utility District	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
63	**Total**	**2691**	**2691**	**2704**	**2763**	**2779**	**2794**	**2796**	**2790**	**2149**	**2761**	**2281**	**2445**	**2684**	**2692**

Table A-12: Regional: Cogeneration Resources

Operating Year 2024

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Cogeneration Resources														
1	Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2	Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3	Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4	Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5	Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8	Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9	Ferndale Cogeneration Station	262	262	263	265	268	270	270	269	267	266	266	0	263	262
10	Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13	Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14	Hampton Lumber Mill (Darringto	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17	Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18	Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19	Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20	InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21	Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22	Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25	Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26	Nippon Paper Cogen (Port Angel	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27	Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28	Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29	Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31	Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32	Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33	Rough & Ready Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	Rupert Cogeneration Facility	7.55	7.55	8.01	9.42	9.40	8.65	8.25	9.05	9.12	7.70	7.70	7.53	7.97	8.05
35	SDS Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
37	Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
38	Sierra Pacific - Burlington	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
39	Simplot Pocatello	9.75	9.75	9.32	8.88	8.12	8.12	7.81	9.22	8.57	8.30	8.30	7.47	4.06	8.57
40	Simpson Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
41	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42	SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43	SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44	Sumas	124	124	125	128	130	131	131	130	130	129	129	127	125	124
45	Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46	Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47	TASCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48	TASCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52	Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53	Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54	Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55	Weyerhauser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

Table A-12: Regional: Cogeneration Resources

Operating Year 2024

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
56	Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57	Direct Service Industry	40.3	40.3	42.3	46.3	47.5	50.5	51.8	50.9	50.9	49.9	49.9	47.0	42.1	46.0
58	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Investor Owned Utilities	1647	1647	1662	1711	1726	1736	1737	1733	1722	1710	1230	1402	1649	1644
60	Marketer	921	921	916	922	922	924	924	923	293	918	918	913	910	919
61	Municipality	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
62	Public Utility District	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
63	**Total**	**2691**	**2691**	**2704**	**2763**	**2779**	**2794**	**2796**	**2790**	**2149**	**2761**	**2281**	**2445**	**2684**	**2692**

Table A-12: Regional: Cogeneration Resources

Operating Year 2025

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Cogeneration Resources														
1	Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2	Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3	Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4	Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5	Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8	Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9	Ferndale Cogeneration Station	262	262	263	265	268	270	270	269	267	266	266	0	263	262
10	Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13	Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14	Hampton Lumber Mill (Darringto	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	0	0	472	472	472
16	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17	Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18	Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19	Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20	InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21	Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22	Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25	Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26	Nippon Paper Cogen (Port Angel	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27	Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28	Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29	Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31	Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32	Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33	Rough & Ready Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	Rupert Cogeneration Facility	7.55	7.55	8.01	9.42	9.40	8.65	8.25	9.05	9.12	7.70	7.70	7.53	7.97	8.05
35	SDS Lumber	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
37	Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
38	Sierra Pacific - Burlington	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
39	Simplot Pocatello	9.75	9.75	9.32	8.88	8.12	8.12	7.81	9.22	8.57	8.30	8.30	7.47	4.06	8.57
40	Simpson Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
41	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42	SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43	SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44	Sumas	124	124	125	128	130	131	131	130	130	129	129	127	125	124
45	Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46	Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47	TASCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48	TASCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52	Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53	Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54	Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55	Weyerhauser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

Table A-12: Regional: Cogeneration Resources

Operating Year 2025

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
56	Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57	Direct Service Industry	40.3	40.3	42.3	46.3	47.5	50.5	51.8	50.9	50.9	49.9	49.9	47.0	42.1	46.0
58	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Investor Owned Utilities	1647	1647	1662	1711	1726	1736	1737	1733	1722	1238	1230	1402	1649	1644
60	Marketer	921	921	916	922	922	924	924	923	293	918	918	913	910	919
61	Municipality	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
62	Public Utility District	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
63	**Total**	**2691**	**2691**	**2704**	**2763**	**2779**	**2794**	**2796**	**2790**	**2149**	**2289**	**2281**	**2445**	**2684**	**2692**

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Exhibit 9
Table A-13: Regional Large Thermal Resources

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-13: Regional: Large Thermal Resources

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Large Thermal Resources														
1	Boardman	580	580	580	580	580	580	580	580	580	580	580	0	580	580
2	Centralia Complex	1340	1340	1340	1340	1340	1340	1340	1340	1340	670	670	1340	1340	1340
3	Centralia 1	670	670	670	670	670	670	670	670	670	335	335	670	670	670
4	Centralia 2	670	670	670	670	670	670	670	670	670	335	335	670	670	670
5	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	825	825	1565	1565	1565
6	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
7	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
9	Colstrip 4	740	740	740	740	740	740	740	740	740	0	0	740	740	740
10	Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
11	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
17	North Valmy 1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
	Total Large Thermal Resources														
19	Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
20	Investor Owned Utilities	4648	4648	4648	4648	4648	4748	4748	4748	4748	3868	3868	4226	4748	4748
21	Marketer	1160	1160	1160	1160	1160	1060	1060	1060	1060	530	530	1060	1060	1060
22	Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
23	**Total**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**5576**	**5576**	**6406**	**6986**	**6986**

Table A-13: Regional: Large Thermal Resources

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Large Thermal Resources														
1	Boardman	580	580	580	580	580	580	580	580	580	580	580	0	580	580
2	Centralia Complex	1340	1340	1340	1340	1340	1340	1340	1340	1340	670	670	1340	1340	1340
3	Centralia 1	670	670	670	670	670	670	670	670	670	335	335	670	670	670
4	Centralia 2	670	670	670	670	670	670	670	670	670	335	335	670	670	670
5	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1047	1047	1412	1412	1565
6	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
7	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	0	0	154
8	Colstrip 3	518	518	518	518	518	518	518	518	518	0	0	518	518	518
9	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
10	Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
11	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
17	North Valmy 1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
	Total Large Thermal Resources														
19	Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
20	Investor Owned Utilities	4748	4748	4748	4748	4748	4847	4847	4847	4847	4139	4139	4172	4694	4847
21	Marketer	1060	1060	1060	1060	1060	960	960	960	960	480	480	960	960	960
22	Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
23	**Total**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**5798**	**5798**	**5132**	**5712**	**6986**

Table A-13: Regional: Large Thermal Resources

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Large Thermal Resources														
1	Boardman	580	580	580	580	580	580	580	580	580	580	580	0	580	580
2	Centralia Complex	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	670	1340	1340
3	Centralia 1	670	670	670	670	670	670	670	670	670	670	670	335	670	670
4	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	335	670	670
5	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1412	1565
6	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	0	154
7	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
9	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
10	Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
11	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
17	North Valmy 1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
	Total Large Thermal Resources														
19	Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
20	Investor Owned Utilities	4847	4847	4847	4847	4847	4847	4847	4847	4847	4847	4847	4135	4694	4847
21	Marketer	960	960	960	960	960	960	960	960	960	960	960	480	960	960
22	Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
23	**Total**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**5736**	**6832**	**6986**

Table A-13: Regional: Large Thermal Resources

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Large Thermal Resources														
1	Boardman	580	580	580	580	580	580	580	580	580	580	580	0	580	580
2	Centralia Complex	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	670	1340	1340
3	Centralia 1	670	670	670	670	670	670	670	670	670	670	670	335	670	670
4	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	335	670	670
5	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	825	825	1565	1565	1565
6	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
7	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
9	Colstrip 4	740	740	740	740	740	740	740	740	740	0	0	740	740	740
10	Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
11	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
17	North Valmy 1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
	Total Large Thermal Resources														
19	Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
20	Investor Owned Utilities	4847	4847	4847	4847	4847	4847	4905	4905	4905	4165	4165	4135	4905	4905
21	Marketer	960	960	960	960	960	960	960	960	960	960	960	480	960	960
22	Municipality	58.0	58.0	58.0	58.0	58.0	58.0	0	0	0	0	0	0	0	0
23	**Total**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6246**	**6246**	**4616**	**5866**	**6986**

Table A-13: Regional: Large Thermal Resources

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Large Thermal Resources														
1	Boardman	580	580	580	580	580	580	580	580	580	580	580	0	580	580
2	Centralia Complex	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	670	1340	1340
3	Centralia 1	670	670	670	670	670	670	670	670	670	670	670	335	670	670
4	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	335	670	670
5	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1047	1047	1412	1412	1565
6	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
7	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	0	0	154
8	Colstrip 3	518	518	518	518	518	518	518	518	518	0	0	518	518	518
9	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
10	Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
11	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
17	North Valmy 1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
	Total Large Thermal Resources														
19	Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
20	Investor Owned Utilities	4905	4905	4905	4905	4905	4905	4905	4905	4905	4387	4387	3982	4752	4905
21	Marketer	960	960	960	960	960	960	960	960	960	960	960	480	960	960
22	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Total**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6986**	**6468**	**6468**	**5582**	**6832**	**6986**

Table A-13: Regional: Large Thermal Resources

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Large Thermal Resources														
1	Boardman	580	580	580	580	580	580	0	0	0	0	0	0	0	0
2	Centralia Complex	1340	1340	1340	1340	1340	670	670	670	670	670	670	335	670	670
3	Centralia 1	670	670	670	670	670	0	0	0	0	0	0	0	0	0
4	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	335	670	670
5	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1412	1565
6	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	0	154
7	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
9	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
10	Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
11	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
17	North Valmy 1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
	Total Large Thermal Resources														
19	Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
20	Investor Owned Utilities	4905	4905	4905	4905	4905	4905	4325	4325	4325	4325	4325	4135	4172	4325
21	Marketer	960	960	960	960	960	290	290	290	290	290	290	145	290	290
22	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Total**	**6986**	**6986**	**6986**	**6986**	**6986**	**6316**	**5736**	**5736**	**5736**	**5736**	**5736**	**4281**	**4462**	**5736**

Table A-13: Regional: Large Thermal Resources

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Large Thermal Resources														
1	Boardman	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Centralia Complex	670	670	670	670	670	670	670	670	670	335	335	670	670	670
3	Centralia 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Centralia 2	670	670	670	670	670	670	670	670	670	335	335	670	670	670
5	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	825	825	1565	1565	1565
6	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
7	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
9	Colstrip 4	740	740	740	740	740	740	740	740	740	0	0	740	740	740
10	Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
11	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Valmy	261	261	261	261	261	261	134	134	134	134	134	134	134	134
17	North Valmy 1	127	127	127	127	127	127	0	0	0	0	0	0	0	0
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
	Total Large Thermal Resources														
19	Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
20	Investor Owned Utilities	4325	4325	4325	4325	4325	4325	4198	4198	4198	3268	3268	4198	4198	4198
21	Marketer	290	290	290	290	290	290	290	290	290	145	145	290	290	290
22	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Total**	**5736**	**5736**	**5736**	**5736**	**5736**	**5736**	**5609**	**5609**	**5609**	**4534**	**4534**	**5609**	**5609**	**5609**

Table A-13: Regional: Large Thermal Resources

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Large Thermal Resources														
1	Boardman	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Centralia Complex	670	670	670	670	670	670	670	670	670	335	335	670	670	670
3	Centralia 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Centralia 2	670	670	670	670	670	670	670	670	670	335	335	670	670	670
5	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1047	1047	1412	1412	1565
6	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
7	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	0	0	154
8	Colstrip 3	518	518	518	518	518	518	518	518	518	0	0	518	518	518
9	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
10	Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
11	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Valmy	134	134	134	134	134	134	134	134	134	134	134	134	134	134
17	North Valmy 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
	Total Large Thermal Resources														
19	Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
20	Investor Owned Utilities	4198	4198	4198	4198	4198	4198	4198	4198	4198	3490	3490	4045	4045	4198
21	Marketer	290	290	290	290	290	290	290	290	290	145	145	290	290	290
22	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Total**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**4756**	**4756**	**4335**	**4335**	**5609**

Table A-13: Regional: Large Thermal Resources

Operating Year 2024

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Large Thermal Resources														
1	Boardman	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Centralia Complex	670	670	670	670	670	670	670	670	670	670	670	335	670	670
3	Centralia 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	335	670	670
5	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1412	1565
6	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	0	154
7	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
9	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
10	Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
11	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Valmy	134	134	134	134	134	134	134	134	134	134	134	134	134	134
17	North Valmy 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
	Total Large Thermal Resources														
19	Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
20	Investor Owned Utilities	4198	4198	4198	4198	4198	4198	4198	4198	4198	4198	4198	4008	4045	4198
21	Marketer	290	290	290	290	290	290	290	290	290	290	290	145	290	290
22	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Total**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5274**	**5455**	**5609**

Table A-13: Regional: Large Thermal Resources

Operating Year 2025

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Large Thermal Resources														
1	Boardman	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Centralia Complex	670	670	670	670	670	670	670	670	670	670	670	335	670	670
3	Centralia 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	335	670	670
5	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	825	825	1565	1565	1565
6	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
7	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
9	Colstrip 4	740	740	740	740	740	740	740	740	740	0	0	740	740	740
10	Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
11	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Valmy	134	134	134	134	134	134	134	134	134	134	134	134	134	134
17	North Valmy 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
	Total Large Thermal Resources														
19	Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
20	Investor Owned Utilities	4198	4198	4198	4198	4198	4198	4198	4198	4198	3458	3458	4008	4198	4198
21	Marketer	290	290	290	290	290	290	290	290	290	290	290	145	290	290
22	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Total**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**5609**	**4869**	**4869**	**4154**	**4489**	**5609**

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Exhibit 10
Table A-14: Regional Small Thermal & Miscellaneous

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Thermal & Miscellaneous														
1	Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2	Bangor Base 1	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3	Bangor Base 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Boundary IC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Colstrip Energy Project	12.6	12.8	11.9	12.1	12.4	13.4	13.9	13.5	12.2	12.3	12.0	14.1	12.0	11.3
6	Covanta Marion Solid Waste	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
7	Crystal Mountain	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
8	Hooley Digester	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
9	Pocatello Waste	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10	Puget Sound Shipyards Diesel G	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	Salmon Diesel	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13	West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12
	Total Small Thermal & Miscellaneous														
14	Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15	Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1
16	Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18	**Total**	**90.8**	**91.1**	**90.2**	**90.3**	**90.6**	**91.7**	**92.1**	**91.8**	**90.4**	**90.5**	**90.2**	**92.4**	**90.2**	**89.5**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Thermal & Miscellaneous														
1	Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2	Bangor Base 1	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3	Bangor Base 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Boundary IC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Colstrip Energy Project	12.6	12.8	11.9	12.1	12.4	13.4	13.9	13.5	12.2	12.3	12.0	14.1	12.0	11.3
6	Covanta Marion Solid Waste	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
7	Crystal Mountain	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
8	Hooley Digester	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
9	Pocatello Waste	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10	Puget Sound Shipyards Diesel G	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	Salmon Diesel	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13	West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12
	Total Small Thermal & Miscellaneous														
14	Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15	Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1
16	Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18	**Total**	**90.8**	**91.1**	**90.2**	**90.3**	**90.6**	**91.7**	**92.1**	**91.8**	**90.4**	**90.5**	**90.2**	**92.4**	**90.2**	**89.5**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Thermal & Miscellaneous														
1	Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2	Bangor Base 1	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3	Bangor Base 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Boundary IC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Colstrip Energy Project	12.6	12.8	11.9	12.1	12.4	13.4	13.9	13.5	12.2	12.3	12.0	14.1	12.0	11.3
6	Covanta Marion Solid Waste	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
7	Crystal Mountain	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
8	Hooley Digester	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
9	Pocatello Waste	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10	Puget Sound Shipyards Diesel G	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	Salmon Diesel	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13	West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12
	Total Small Thermal & Miscellaneous														
14	Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15	Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1
16	Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18	**Total**	**90.8**	**91.1**	**90.2**	**90.3**	**90.6**	**91.7**	**92.1**	**91.8**	**90.4**	**90.5**	**90.2**	**92.4**	**90.2**	**89.5**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Thermal & Miscellaneous														
1	Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2	Bangor Base 1	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3	Bangor Base 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Boundary IC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Colstrip Energy Project	12.6	12.8	11.9	12.1	12.4	13.4	13.9	13.5	12.2	12.3	12.0	14.1	12.0	11.3
6	Covanta Marion Solid Waste	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
7	Crystal Mountain	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
8	Hooley Digester	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
9	Pocatello Waste	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10	Puget Sound Shipyards Diesel G	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	Salmon Diesel	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13	West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12
	Total Small Thermal & Miscellaneous														
14	Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15	Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1
16	Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18	**Total**	**90.8**	**91.1**	**90.2**	**90.3**	**90.6**	**91.7**	**92.1**	**91.8**	**90.4**	**90.5**	**90.2**	**92.4**	**90.2**	**89.5**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Thermal & Miscellaneous														
1	Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2	Bangor Base 1	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3	Bangor Base 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Boundary IC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Colstrip Energy Project	12.6	12.8	11.9	12.1	12.4	13.4	13.9	13.5	12.2	12.3	12.0	14.1	12.0	11.3
6	Covanta Marion Solid Waste	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
7	Crystal Mountain	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
8	Hooley Digester	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
9	Pocatello Waste	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10	Puget Sound Shipyards Diesel G	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	Salmon Diesel	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13	West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12
	Total Small Thermal & Miscellaneous														
14	Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15	Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1
16	Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18	**Total**	**90.8**	**91.1**	**90.2**	**90.3**	**90.6**	**91.7**	**92.1**	**91.8**	**90.4**	**90.5**	**90.2**	**92.4**	**90.2**	**89.5**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Thermal & Miscellaneous														
1	Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2	Bangor Base 1	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3	Bangor Base 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Boundary IC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Colstrip Energy Project	12.6	12.8	11.9	12.1	12.4	13.4	13.9	13.5	12.2	12.3	12.0	14.1	12.0	11.3
6	Covanta Marion Solid Waste	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
7	Crystal Mountain	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
8	Hooley Digester	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
9	Pocatello Waste	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10	Puget Sound Shipyards Diesel G	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	Salmon Diesel	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13	West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12
	Total Small Thermal & Miscellaneous														
14	Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15	Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1
16	Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18	**Total**	**90.8**	**91.1**	**90.2**	**90.3**	**90.6**	**91.7**	**92.1**	**91.8**	**90.4**	**90.5**	**90.2**	**92.4**	**90.2**	**89.5**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Thermal & Miscellaneous														
1	Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2	Bangor Base 1	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3	Bangor Base 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Boundary IC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Colstrip Energy Project	12.6	12.8	11.9	12.1	12.4	13.4	13.9	13.5	12.2	12.3	12.0	14.1	12.0	11.3
6	Covanta Marion Solid Waste	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
7	Crystal Mountain	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
8	Hooley Digester	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
9	Pocatello Waste	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10	Puget Sound Shipyards Diesel G	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	Salmon Diesel	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13	West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12
	Total Small Thermal & Miscellaneous														
14	Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15	Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1
16	Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18	**Total**	**90.8**	**91.1**	**90.2**	**90.3**	**90.6**	**91.7**	**92.1**	**91.8**	**90.4**	**90.5**	**90.2**	**92.4**	**90.2**	**89.5**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Thermal & Miscellaneous														
1	Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2	Bangor Base 1	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3	Bangor Base 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Boundary IC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Colstrip Energy Project	12.6	12.8	11.9	12.1	12.4	13.4	13.9	13.5	12.2	12.3	12.0	14.1	12.0	11.3
6	Covanta Marion Solid Waste	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
7	Crystal Mountain	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
8	Hooley Digester	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
9	Pocatello Waste	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10	Puget Sound Shipyards Diesel G	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	Salmon Diesel	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13	West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12
	Total Small Thermal & Miscellaneous														
14	Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15	Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1
16	Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18	**Total**	**90.8**	**91.1**	**90.2**	**90.3**	**90.6**	**91.7**	**92.1**	**91.8**	**90.4**	**90.5**	**90.2**	**92.4**	**90.2**	**89.5**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2024

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Thermal & Miscellaneous														
1	Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2	Bangor Base 1	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3	Bangor Base 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Boundary IC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Colstrip Energy Project	12.6	12.8	11.9	12.1	12.4	13.4	13.9	13.5	12.2	12.3	12.0	14.1	12.0	11.3
6	Covanta Marion Solid Waste	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
7	Crystal Mountain	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
8	Hooley Digester	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
9	Pocatello Waste	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10	Puget Sound Shipyards Diesel G	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	Salmon Diesel	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13	West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12
	Total Small Thermal & Miscellaneous														
14	Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15	Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1
16	Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18	**Total**	**90.8**	**91.1**	**90.2**	**90.3**	**90.6**	**91.7**	**92.1**	**91.8**	**90.4**	**90.5**	**90.2**	**92.4**	**90.2**	**89.5**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2025

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Small Thermal & Miscellaneous														
1	Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2	Bangor Base 1	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3	Bangor Base 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Boundary IC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Colstrip Energy Project	12.6	12.8	11.9	12.1	12.4	13.4	13.9	13.5	12.2	12.3	12.0	14.1	12.0	11.3
6	Covanta Marion Solid Waste	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
7	Crystal Mountain	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
8	Hooley Digester	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
9	Pocatello Waste	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10	Puget Sound Shipyards Diesel G	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	Salmon Diesel	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13	West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12
	Total Small Thermal & Miscellaneous														
14	Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15	Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1
16	Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18	**Total**	**90.8**	**91.1**	**90.2**	**90.3**	**90.6**	**91.7**	**92.1**	**91.8**	**90.4**	**90.5**	**90.2**	**92.4**	**90.2**	**89.5**

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Exhibit 11
Table A-15: Non-Federal CER Deliveries to BPA

Monthly Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-15: Non-Federal CER Deliveries to BPA

Operating Year: 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest															
1	CHPD to BPA CEAEA for Rock Island	32.0	32.0	32.0	32.0	32.0	31.0	31.0	31.0	31.0	32.0	32.0	32.0	32.0	32.0
2	CHPD to BPA CEAEA for Rocky Reach	66.0	66.0	66.0	66.0	66.0	66.0	65.0	65.0	65.0	66.0	66.0	66.0	66.0	66.0
3	DOPD to BPA CEAEA for Wells	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	43.0	42.0	42.0	42.0	42.0	42.0
4	GCPD to BPA CEAEA for Priest Rapids	51.0	51.0	51.0	51.0	51.0	52.0	52.0	52.0	52.0	51.0	51.0	51.0	51.0	51.0
5	GCPD to BPA CEAEA for Wanpum	50.0	50.0	50.0	50.0	50.0	49.0	49.0	49.0	49.0	50.0	50.0	50.0	50.0	50.0
6	**Total Imports From PNW**	**241**	**241**	**241**	**241**	**241**	**240**	**239**	**239**	**240**	**241**	**241**	**241**	**241**	**241**

Table A-15: Non-Federal CER Deliveries to BPA

Operating Year: 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	CHPD to BPA CEAEA for Rock Island	32.0	32.0	32.0	32.0	32.0	31.0	31.0	31.0	31.0	32.0	32.0	32.0	32.0	32.0
2	CHPD to BPA CEAEA for Rocky Reach	66.0	66.0	66.0	66.0	66.0	65.0	65.0	65.0	65.0	66.0	66.0	66.0	66.0	66.0
3	DOPD to BPA CEAEA for Wells	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
4	GCPD to BPA CEAEA for Priest Rapids	51.0	51.0	51.0	51.0	51.0	51.0	52.0	52.0	52.0	51.0	51.0	51.0	51.0	51.0
5	GCPD to BPA CEAEA for Wanpum	50.0	50.0	50.0	50.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
6	**Total Imports From PNW**	**241**	**241**	**241**	**241**	**240**	**238**	**239**	**239**	**239**	**240**	**240**	**240**	**240**	**240**

Table A-15: Non-Federal CER Deliveries to BPA

Operating Year: 2018

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest															
1	CHPD to BPA CEAEA for Rock Island	32.0	32.0	32.0	32.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
2	CHPD to BPA CEAEA for Rocky Reach	66.0	66.0	66.0	66.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
3	DOPD to BPA CEAEA for Wells	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
4	GCPD to BPA CEAEA for Priest Rapids	51.0	51.0	51.0	51.0	51.0	51.0	52.0	52.0	52.0	51.0	51.0	51.0	51.0	51.0
5	GCPD to BPA CEAEA for Wanpum	49.0	49.0	49.0	50.0	50.0	50.0	50.0	50.0	50.0	49.0	49.0	49.0	49.0	49.0
6	**Total Imports From PNW**	**240**	**240**	**240**	**241**	**239**	**239**	**240**	**240**	**240**	**238**	**238**	**238**	**238**	**238**

Table A-15: Non-Federal CER Deliveries to BPA

Operating Year: 2019

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest															
1	CHPD to BPA CEAEA for Rock Island	31.0	31.0	31.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2	CHPD to BPA CEAEA for Rocky Reach	65.0	65.0	65.0	65.0	65.0	65.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
3	DOPD to BPA CEAEA for Wells	42.0	42.0	42.0	42.0	42.0	42.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
4	GCPD to BPA CEAEA for Priest Rapids	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	50.0	50.0	50.0	50.0	50.0
5	GCPD to BPA CEAEA for Wanpum	49.0	49.0	49.0	49.0	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
6	**Total Imports From PNW**	**238**	**238**	**238**	**239**	**239**	**240**	**240**	**240**	**240**	**239**	**239**	**239**	**239**	**239**

Table A-15: Non-Federal CER Deliveries to BPA

Operating Year: 2020

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	CHPD to BPA CEAEA for Rock Island	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2	CHPD to BPA CEAEA for Rocky Reach	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
3	DOPD to BPA CEAEA for Wells	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
4	GCPD to BPA CEAEA for Priest Rapids	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
5	GCPD to BPA CEAEA for Wanpum	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
6	**Total Imports From PNW**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**

Table A-15: Non-Federal CER Deliveries to BPA

Operating Year: 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest															
1	CHPD to BPA CEAEA for Rock Island	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2	CHPD to BPA CEAEA for Rocky Reach	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
3	DOPD to BPA CEAEA for Wells	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
4	GCPD to BPA CEAEA for Priest Rapids	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
5	GCPD to BPA CEAEA for Wanpum	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
6	**Total Imports From PNW**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**

Table A-15: Non-Federal CER Deliveries to BPA

Operating Year: 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest															
1	CHPD to BPA CEAEA for Rock Island	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2	CHPD to BPA CEAEA for Rocky Reach	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
3	DOPD to BPA CEAEA for Wells	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
4	GCPD to BPA CEAEA for Priest Rapids	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
5	GCPD to BPA CEAEA for Wanpum	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
6	**Total Imports From PNW**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**

Table A-15: Non-Federal CER Deliveries to BPA

Operating Year: 2023

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest															
1	CHPD to BPA CEAEA for Rock Island	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2	CHPD to BPA CEAEA for Rocky Reach	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
3	DOPD to BPA CEAEA for Wells	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
4	GCPD to BPA CEAEA for Priest Rapids	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
5	GCPD to BPA CEAEA for Wanpum	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
6	**Total Imports From PNW**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**

Table A-15: Non-Federal CER Deliveries to BPA

Operating Year: 2024

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest															
1	CHPD to BPA CEAEA for Rock Island	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2	CHPD to BPA CEAEA for Rocky Reach	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
3	DOPD to BPA CEAEA for Wells	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
4	GCPD to BPA CEAEA for Priest Rapids	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
5	GCPD to BPA CEAEA for Wanpum	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
6	**Total Imports From PNW**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**

Table A-15: Non-Federal CER Deliveries to BPA

Operating Year: 2025

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	CHPD to BPA CEAEA for Rock Island	32.0	32.0	0	0	0	0	0	0	0	0	0	0	0	0
2	CHPD to BPA CEAEA for Rocky Reach	66.0	66.0	0	0	0	0	0	0	0	0	0	0	0	0
3	DOPD to BPA CEAEA for Wells	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
4	GCPD to BPA CEAEA for Priest Rapids	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
5	GCPD to BPA CEAEA for Wanpum	50.0	50.0	0	0	0	0	0	0	0	0	0	0	0	0
6	**Total Imports From PNW**	**239**	**239**	**91.0**	**91.0**	**91.0**	**91.0**	**91.0**	**91.0**	**91.0**	**91.0**	**91.0**	**91.0**	**91.0**	**91.0**
	Total Imports														
7	Federal Entities	2394	2394	2246	2248	2245	2243	2244	2244	2245	2244	2244	2244	2244	2244
8	**Total Imports**	**2394**	**2394**	**2246**	**2248**	**2245**	**2243**	**2244**	**2244**	**2245**	**2244**	**2244**	**2244**	**2244**	**2244**

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Section 2: Monthly 120-Hour Capacity Operating Year 2016 to 2025

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Exhibit 12
Federal Report Surplus Deficit

Monthly 120-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Loads and Resources - Federal System

Operating Year: 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1094	1094	1000	896	780	873	835	839	930	975	975	1052	1073	1118
2	Federal Agencies	133	133	126	148	186	206	209	197	190	169	169	151	140	144
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	8920	8212	7747	7842	9719	10293	10153	9359	8937	8126	7881	8766	8527	8561
6	Load Following	4062	4062	3844	4164	4741	5314	5274	5005	4588	4367	4367	4021	3992	4221
7	Tier 1 Block	12.0	12.0	25.0	10.2	46.1	40.5	56.9	53.8	47.7	3.09	3.09	0	0	11.4
8	Slice Block	1596	1596	1666	1626	2003	2227	2256	2014	1940	1635	1635	1445	1355	1575
9	Slice Output from T1 System	2381	1725	1736	1907	2555	2536	2264	2054	2235	1813	1573	2963	2668	2130
10	Exports	1619	1619	1456	1440	1383	1395	1395	1374	1398	1416	1416	1401	1422	1432
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	196	198	198	198	137	101	101	9.44	9.44	9.44
12	Federal Diversity	-759	-812	-990	-1315	-1205	-1418	-1292	-1340	-1409	-1210	-1216	-1073	-920	-818
13	**Total Firm Obligations**	**10014**	**9306**	**8747**	**8739**	**10499**	**11166**	**10988**	**10198**	**9867**	**9101**	**8856**	**9818**	**9599**	**9679**
	Net Resources														
14	**Net Hydro**	11546	8937	8757	9309	11696	11728	10602	9770	10549	8933	7980	13622	12510	10442
15	Regulated Hydro - Net	11078	8473	8218	8893	11301	11452	10357	9550	10186	8328	7362	12863	11711	9925
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1136	1136	1137	1142	1144	1147	1149	1148	1148	1125	1125	1125	1124	1123
18	Cogeneration Resources	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	462	448	689	675	711	704	702	688	714	715	707	411	680	471
25	Imports	41.0	41.0	41.0	41.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	1.00	1.00	76.0
26	Intra-Regional Transfers (In)	123	125	366	348	343	338	343	335	355	365	363	97.7	374	103
27	Non-Federal CER	241	241	241	241	241	240	239	239	240	241	241	241	241	241
28	Slice Transmission Loss Return	56.9	41.1	41.4	45.5	61.0	60.6	54.0	49.0	53.4	43.2	37.4	70.9	63.8	50.8
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-1981	-1819	-1808	-1866	-2057	-2085	-2017	-1948	-1964	-1837	-1778	-2093	-2045	-1923
31	Contingency Reserves (Spinning)	-345	-307	-300	-321	-377	-392	-376	-355	-349	-312	-298	-368	-358	-334
32	Contingency Reserves (Non-Spinning)	-345	-307	-300	-321	-377	-392	-376	-355	-349	-312	-298	-368	-358	-334
33	Load Following Reserves	-495	-495	-495	-583	-584	-584	-584	-584	-584	-584	-584	-584	-584	-584
34	Generation Imbalance Reserves	-405	-405	-405	-317	-316	-316	-316	-316	-316	-316	-316	-316	-316	-316
35	Transmission Losses	-391	-304	-307	-324	-402	-402	-365	-338	-365	-313	-281	-457	-429	-354
36	**Total Net Resources**	**11163**	**8702**	**8775**	**9261**	**11494**	**11494**	**10435**	**9658**	**10447**	**8936**	**8034**	**13064**	**12270**	**10113**
37	**Total Surplus/Deficit**	**1149**	**-604**	**28.0**	**523**	**995**	**328**	**-553**	**-541**	**579**	**-165**	**-822**	**3246**	**2670**	**435**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1099	1099	1004	901	775	870	828	836	928	975	975	1052	1073	1118
2	Federal Agencies	138	138	130	152	181	203	202	194	188	170	170	151	140	144
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	8726	7956	7652	7792	9649	10231	10136	9452	8881	8191	7984	8465	8253	8573
6	Load Following	4143	4143	3931	4197	4772	5344	5307	5038	4624	4402	4402	4048	4013	4248
7	Tier 1 Block	11.7	11.7	24.2	10.2	45.9	40.3	56.8	55.6	47.6	3.08	3.08	0	0	11.4
8	Slice Block	1570	1570	1638	1657	2041	2270	2299	2125	1976	1667	1667	1473	1382	1605
9	Slice Output from T1 System	2335	1813	1802	1919	2528	2521	2243	2038	2235	1892	1680	2719	2376	2100
10	Exports	1529	1529	1389	1369	1356	1348	1346	1346	1371	1391	1391	1391	1410	1432
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	196	198	198	198	137	101	101	9.44	9.44	9.44
12	Federal Diversity	-871	-1120	-1142	-1370	-1291	-1490	-1315	-1349	-1510	-1266	-1261	-1176	-937	-832
13	**Total Firm Obligations**	**9825**	**9055**	**8657**	**8692**	**10424**	**11101**	**10963**	**10288**	**9809**	**9166**	**8959**	**9517**	**9326**	**9692**
	Net Resources														
14	**Net Hydro**	11330	9251	9001	9362	11674	11755	10606	9791	10636	9309	8467	13750	12447	10336
15	Regulated Hydro - Net	10861	8787	8462	8946	11280	11480	10361	9572	10272	8704	7849	12990	11648	9820
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	4.58	4.10	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
21	Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	483	472	713	768	777	769	769	755	780	734	727	485	754	477
25	Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
26	Intra-Regional Transfers (In)	110	112	353	355	350	345	350	342	362	372	370	104	381	110
27	Non-Federal CER	241	241	241	241	240	238	239	239	239	240	240	240	240	240
28	Slice Transmission Loss Return	55.8	43.2	43.0	45.8	60.4	60.2	53.6	48.6	53.4	45.1	40.0	65.0	56.8	50.1
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-1974	-1844	-1827	-1874	-2059	-2091	-2021	-1953	-1973	-1863	-1811	-2005	-1944	-1918
31	Contingency Reserves (Spinning)	-345	-315	-306	-323	-378	-393	-377	-356	-352	-319	-306	-338	-325	-334
32	Contingency Reserves (Non-Spinning)	-345	-315	-306	-323	-378	-393	-377	-356	-352	-319	-306	-338	-325	-334
33	Load Following Reserves	-584	-584	-585	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-316	-316	-315	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-383	-315	-315	-328	-403	-404	-367	-340	-370	-325	-298	-428	-394	-350
36	**Total Net Resources**	**10963**	**9002**	**9009**	**9379**	**11516**	**11558**	**10478**	**9718**	**10567**	**9304**	**8507**	**12235**	**11262**	**10018**
37	**Total Surplus/Deficit**	**1137**	**-52.8**	**353**	**687**	**1092**	**457**	**-485**	**-570**	**758**	**139**	**-451**	**2717**	**1935**	**326**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1099	1099	1004	901	777	872	829	837	928	1014	1014	1084	1104	1152
2	Federal Agencies	138	138	131	152	183	205	204	195	188	209	209	183	171	178
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	8748	7950	7682	7781	9589	10240	10040	9403	8912	8124	7844	8633	8486	8594
6	Load Following	4181	4181	3964	4225	4798	5370	5347	5074	4653	4426	4426	4073	4045	4281
7	Tier 1 Block	11.7	11.7	24.1	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
8	Slice Block	1599	1599	1668	1662	2046	2275	2304	2129	1981	1671	1671	1477	1386	1608
9	Slice Output from T1 System	2305	1800	1784	1901	2528	2509	2238	2030	2210	1795	1556	2951	2659	2111
10	Exports	1546	1546	1412	1386	1374	1366	1363	1363	1388	1409	1409	1409	1427	1449
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	106	107	107	107	73.4	55.4	55.4	9.44	9.44	9.44
12	Federal Diversity	-904	-1197	-1179	-1413	-1309	-1428	-1378	-1356	-1440	-1235	-1276	-1287	-1041	-876
13	**Total Firm Obligations**	**9847**	**9049**	**8686**	**8682**	**10366**	**11111**	**10869**	**10240**	**9840**	**9138**	**8859**	**9716**	**9591**	**9746**
	Net Resources														
14	**Net Hydro**	11244	9230	8953	9307	11701	11732	10608	9775	10555	8960	8006	13608	12516	10409
15	Regulated Hydro - Net	10776	8766	8415	8891	11306	11457	10362	9556	10191	8354	7388	12849	11717	9893
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	1125	1124	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	488	478	587	659	652	646	645	632	656	606	597	496	635	482
25	Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
26	Intra-Regional Transfers (In)	117	119	229	247	226	221	226	218	238	249	246	111	257	117
27	Non-Federal CER	240	240	240	241	239	239	240	240	240	238	238	238	238	238
28	Slice Transmission Loss Return	55.1	42.9	42.5	45.1	60.2	59.7	53.2	48.2	52.5	42.6	36.8	70.4	63.3	50.2
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-1971	-1845	-1822	-1870	-2059	-2087	-2020	-1951	-1967	-1860	-1800	-2082	-2049	-1927
31	Contingency Reserves (Spinning)	-345	-316	-306	-324	-380	-394	-379	-358	-352	-325	-311	-361	-361	-337
32	Contingency Reserves (Non-Spinning)	-345	-316	-306	-324	-380	-394	-379	-358	-352	-325	-311	-361	-361	-337
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-381	-314	-309	-323	-399	-399	-362	-335	-363	-309	-277	-460	-428	-353
36	**Total Net Resources**	**10885**	**8986**	**8842**	**9221**	**11418**	**11415**	**10357**	**9581**	**10369**	**8830**	**7928**	**13147**	**12226**	**10088**
37	**Total Surplus/Deficit**	**1038**	**-63.0**	**155**	**539**	**1052**	**304**	**-512**	**-660**	**529**	**-308**	**-931**	**3430**	**2636**	**341**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1134	1134	1034	934	793	897	849	852	975	1014	1014	1084	1104	1152
2	Federal Agencies	173	173	161	185	200	230	224	209	235	209	209	183	171	178
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	8686	8007	7770	7782	9692	10234	10061	9432	8942	8015	7693	8192	8174	8429
6	Load Following	4215	4215	3990	4247	4822	5395	5372	5070	4676	4450	4450	4100	4074	4312
7	Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
8	Slice Block	1602	1602	1672	1682	2071	2303	2332	2156	2005	1691	1691	1496	1404	1628
9	Slice Output from T1 System	2318	1805	1797	1915	2521	2515	2238	2034	2230	1799	1543	2587	2340	2084
10	Exports	1548	1548	1417	1386	1374	1366	1363	1363	1338	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	106	107	107	107	73.4	55.4	55.4	9.44	9.44	9.44
12	Federal Diversity	-1018	-1185	-1140	-1468	-1248	-1492	-1409	-1354	-1428	-1309	-1374	-1325	-978	-964
13	**Total Firm Obligations**	**9820**	**9141**	**8804**	**8716**	**10486**	**11131**	**10910**	**10284**	**9917**	**9029**	**8708**	**9275**	**9279**	**9581**
	Net Resources														
14	**Net Hydro**	11307	9257	9006	9368	11679	11760	10612	9796	10642	8979	7956	13242	12332	10304
15	Regulated Hydro - Net	10839	8794	8467	8952	11285	11485	10366	9576	10278	8374	7338	12483	11533	9787
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	4.58	4.10	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
21	Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	493	483	592	645	655	651	649	636	633	573	565	459	587	448
25	Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
26	Intra-Regional Transfers (In)	124	126	236	235	230	225	230	222	214	216	213	82.1	216	83.5
27	Non-Federal CER	238	238	238	239	239	240	240	240	240	239	239	239	239	239
28	Slice Transmission Loss Return	55.1	42.8	42.6	45.4	60.0	59.9	53.2	48.3	53.0	42.7	36.5	61.6	55.7	49.5
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-1978	-1851	-1828	-1876	-2060	-2092	-2023	-1954	-1974	-1862	-1798	-1959	-1937	-1921
31	Contingency Reserves (Spinning)	-348	-318	-309	-326	-381	-396	-380	-359	-355	-327	-312	-324	-326	-336
32	Contingency Reserves (Non-Spinning)	-348	-318	-309	-326	-381	-396	-380	-359	-355	-327	-312	-324	-326	-336
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-383	-315	-311	-324	-399	-400	-363	-336	-365	-308	-275	-411	-384	-348
36	**Total Net Resources**	**10945**	**9013**	**8893**	**9261**	**11399**	**11444**	**10363**	**9603**	**10425**	**8815**	**7847**	**11747**	**10986**	**9954**
37	**Total Surplus/Deficit**	**1125**	**-128**	**89.2**	**545**	**913**	**312**	**-548**	**-681**	**508**	**-213**	**-860**	**2471**	**1707**	**373**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1134	1134	1034	934	795	891	863	869	959	1015	1015	1084	1105	1153
2	Federal Agencies	173	173	161	185	201	224	237	227	219	209	209	183	172	179
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	8624	7890	7702	7736	9584	10123	9944	9182	8804	7977	7697	8682	8457	8475
6	Load Following	4246	4246	4020	4291	4868	5442	5419	5142	4718	4490	4490	4139	4112	4350
7	Tier 1 Block	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
8	Slice Block	1622	1622	1692	1670	2056	2286	2315	2066	1990	1679	1679	1484	1393	1616
9	Slice Output from T1 System	2295	1800	1785	1905	2531	2511	2240	2032	2212	1798	1559	2952	2661	2113
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-999	-1238	-1153	-1476	-1259	-1499	-1431	-1454	-1500	-1326	-1368	-1227	-1044	-974
13	**Total Firm Obligations**	**9758**	**9024**	**8736**	**8670**	**10379**	**11014**	**10806**	**10052**	**9763**	**8992**	**8712**	**9767**	**9562**	**9627**
	Net Resources														
14	**Net Hydro**	11220	9236	8958	9320	11705	11737	10612	9779	10559	8963	8010	13610	12519	10413
15	Regulated Hydro - Net	10751	8772	8419	8904	11310	11462	10367	9560	10195	8358	7392	12850	11720	9897
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	1125	1124	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	450	440	440	415	429	428	421	415	422	364	356	390	385	371
25	Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
26	Intra-Regional Transfers (In)	80.5	82.6	82.8	4.90	3.40	3.10	2.90	2.10	4.80	6.50	4.10	4.30	6.60	5.50
27	Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
28	Slice Transmission Loss Return	54.6	42.7	42.3	45.2	60.3	59.8	53.3	48.3	52.6	42.6	36.9	70.4	63.4	50.2
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-1973	-1850	-1822	-1867	-2056	-2085	-2017	-1948	-1963	-1855	-1796	-2082	-2044	-1926
31	Contingency Reserves (Spinning)	-347	-318	-309	-326	-382	-396	-381	-360	-354	-327	-313	-363	-363	-339
32	Contingency Reserves (Non-Spinning)	-347	-318	-309	-326	-382	-396	-381	-360	-354	-327	-313	-363	-363	-339
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-379	-313	-304	-315	-392	-392	-355	-328	-355	-301	-269	-456	-419	-349
36	**Total Net Resources**	**10820**	**8950**	**8700**	**8992**	**11203**	**11205**	**10141**	**9372**	**10143**	**8597**	**7695**	**13042**	**11984**	**9981**
37	**Total Surplus/Deficit**	**1062**	**-74.1**	**-36.6**	**322**	**823**	**191**	**-665**	**-680**	**380**	**-396**	**-1017**	**3275**	**2422**	**353**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1135	1135	1035	934	807	901	863	870	960	1007	1007	1085	1104	1147
2	Federal Agencies	173	173	161	186	213	235	238	228	220	201	201	184	171	174
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	8859	7909	7682	7816	9635	10157	10076	9402	8851	8060	7719	8391	8146	8500
6	Load Following	4284	4284	4056	4315	4893	5470	5447	5167	4743	4514	4514	4162	4135	4375
7	Tier 1 Block	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
8	Slice Block	1610	1610	1680	1704	2098	2333	2363	2184	2031	1714	1714	1515	1422	1649
9	Slice Output from T1 System	2320	1807	1800	1917	2524	2517	2240	2036	2232	1801	1545	2588	2342	2085
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-815	-1253	-1212	-1465	-1267	-1545	-1372	-1381	-1537	-1306	-1391	-1207	-1088	-978
13	**Total Firm Obligations**	**9994**	**9044**	**8717**	**8750**	**10441**	**11058**	**10940**	**10272**	**9811**	**9067**	**8726**	**9476**	**9250**	**9647**
	Net Resources														
14	**Net Hydro**	11311	9261	9009	9371	11683	11744	10594	9779	10623	8961	7937	13236	12315	10285
15	Regulated Hydro - Net	10842	8798	8470	8955	11289	11469	10349	9559	10260	8355	7319	12477	11516	9769
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	4.58	4.09	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
21	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	373	363	362	411	425	425	418	413	418	358	352	377	371	290
25	Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	1.00
26	Intra-Regional Transfers (In)	2.50	5.00	4.60	0	0	0	0	0	0	0	0	0	0	0
27	Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
28	Slice Transmission Loss Return	55.2	42.9	42.7	45.5	60.1	59.9	53.3	48.4	53.1	42.7	36.6	61.6	55.7	49.6
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-1978	-1851	-1824	-1872	-2056	-2068	-1997	-1929	-1948	-1836	-1772	-1950	-1912	-1897
31	Contingency Reserves (Spinning)	-350	-320	-310	-328	-383	-388	-371	-350	-345	-317	-302	-321	-317	-327
32	Contingency Reserves (Non-Spinning)	-350	-320	-310	-328	-383	-388	-371	-350	-345	-317	-302	-321	-317	-327
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-379	-311	-303	-316	-391	-393	-355	-328	-357	-301	-267	-408	-377	-343
36	**Total Net Resources**	**10829**	**8897**	**8671**	**9034**	**11177**	**11225**	**10140**	**9387**	**10217**	**8607**	**7641**	**11667**	**10778**	**9801**
37	**Total Surplus/Deficit**	**835**	**-147**	**-46.3**	**284**	**735**	**167**	**-800**	**-885**	**407**	**-459**	**-1084**	**2191**	**1529**	**154**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1127	1127	1037	935	807	902	864	871	960	1007	1007	1085	1105	1148
2	Federal Agencies	166	166	163	186	214	235	239	229	221	202	202	184	172	174
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	8872	7947	7716	7822	9590	10139	10050	9361	8802	8026	7693	8736	8442	8575
6	Load Following	4308	4308	4078	4342	4923	5502	5479	5200	4772	4542	4542	4189	4162	4402
7	Tier 1 Block	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
8	Slice Block	1643	1643	1714	1668	2053	2284	2313	2138	1988	1677	1677	1483	1392	1614
9	Slice Output from T1 System	2296	1801	1786	1902	2526	2506	2235	2026	2208	1795	1556	2950	2659	2110
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-835	-1265	-1221	-1435	-1301	-1534	-1377	-1401	-1549	-1325	-1419	-1220	-1105	-920
13	**Total Firm Obligations**	**10000**	**9074**	**8753**	**8757**	**10397**	**11042**	**10914**	**10232**	**9762**	**9034**	**8700**	**9821**	**9547**	**9723**
	Net Resources														
14	**Net Hydro**	11202	9218	8940	9288	11671	11698	10573	9741	10527	8925	7972	13607	12491	10382
15	Regulated Hydro - Net	10733	8754	8401	8886	11293	11444	10349	9542	10178	8329	7363	12854	11702	9878
16	Independent Hydro - Net	469	464	539	403	378	254	223	199	349	596	608	753	789	504
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	1125	1124	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	295	283	282	285	300	300	293	288	293	283	277	310	303	290
25	Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
26	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
28	Slice Transmission Loss Return	54.6	42.7	42.4	45.1	60.2	59.7	53.1	48.1	52.5	42.6	36.8	70.4	63.3	50.1
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-1950	-1827	-1798	-1844	-2033	-2062	-1995	-1925	-1940	-1824	-1764	-2083	-2023	-1905
31	Contingency Reserves (Spinning)	-338	-309	-299	-317	-373	-388	-372	-351	-345	-313	-299	-365	-354	-330
32	Contingency Reserves (Non-Spinning)	-338	-309	-299	-317	-373	-388	-372	-351	-345	-313	-299	-365	-354	-330
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-373	-308	-299	-310	-387	-387	-350	-323	-350	-298	-266	-453	-416	-346
36	**Total Net Resources**	**10670**	**8797**	**8547**	**8854**	**11062**	**11060**	**9996**	**9229**	**10003**	**8508**	**7609**	**12959**	**11896**	**9891**
37	**Total Surplus/Deficit**	**670**	**-277**	**-205**	**96.1**	**665**	**18.6**	**-918**	**-1004**	**241**	**-525**	**-1091**	**3137**	**2349**	**168**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1128	1128	1037	936	808	903	865	868	961	1008	1008	1086	1105	1149
2	Federal Agencies	167	167	163	187	214	236	240	226	221	202	202	185	172	175
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	8693	7824	7739	7880	9647	10201	10144	9419	8873	8126	7804	8369	8163	8600
6	Load Following	4337	4337	4105	4369	4952	5532	5510	5199	4800	4568	4568	4214	4186	4429
7	Tier 1 Block	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
8	Slice Block	1608	1608	1678	1706	2100	2336	2366	2186	2033	1716	1716	1518	1424	1651
9	Slice Output from T1 System	2316	1804	1796	1913	2519	2511	2234	2030	2228	1798	1542	2586	2339	2082
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-1028	-1385	-1198	-1453	-1312	-1561	-1366	-1396	-1573	-1293	-1359	-1282	-1121	-931
13	**Total Firm Obligations**	**9821**	**8952**	**8776**	**8816**	**10456**	**11104**	**11009**	**10288**	**9834**	**9134**	**8812**	**9455**	**9268**	**9749**
	Net Resources														
14	**Net Hydro**	11284	9234	8980	9340	11649	11725	10576	9761	10612	8944	7921	13244	12308	10276
15	Regulated Hydro - Net	10825	8780	8452	8937	11271	11471	10353	9563	10263	8349	7313	12491	11519	9773
16	Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	4.58	4.09	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
21	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	295	283	283	285	300	300	293	288	293	283	276	302	296	289
25	Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
26	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
28	Slice Transmission Loss Return	55.1	42.8	42.6	45.4	60.0	59.8	53.1	48.2	53.0	42.7	36.5	61.6	55.7	49.5
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-1957	-1830	-1802	-1849	-2034	-2066	-1997	-1928	-1947	-1827	-1763	-1961	-1912	-1900
31	Contingency Reserves (Spinning)	-341	-311	-301	-319	-374	-389	-374	-352	-347	-314	-299	-328	-319	-329
32	Contingency Reserves (Non-Spinning)	-341	-311	-301	-319	-374	-389	-374	-352	-347	-314	-299	-328	-319	-329
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-376	-308	-300	-311	-386	-388	-350	-323	-353	-298	-264	-405	-374	-342
36	**Total Net Resources**	**10745**	**8810**	**8584**	**8900**	**11040**	**11084**	**9997**	**9247**	**10082**	**8525**	**7559**	**11589**	**10695**	**9789**
37	**Total Surplus/Deficit**	**924**	**-142**	**-193**	**84.7**	**584**	**-20.8**	**-1012**	**-1041**	**249**	**-609**	**-1252**	**2133**	**1427**	**40.0**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1129	1129	1038	937	809	904	866	873	962	1009	1009	1086	1106	1149
2	Federal Agencies	167	167	164	188	215	237	241	230	222	203	203	186	173	175
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	8738	7884	7799	7827	9610	10233	10065	9216	8850	7965	7757	8739	8543	8476
6	Load Following	4363	4363	4131	4393	4978	5561	5534	5247	4824	4591	4591	4236	4208	4453
7	Tier 1 Block	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
8	Slice Block	1645	1645	1716	1657	2040	2269	2297	2050	1974	1667	1667	1475	1385	1603
9	Slice Output from T1 System	2293	1797	1783	1902	2526	2506	2234	2026	2208	1795	1556	2950	2659	2110
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-1023	-1382	-1189	-1469	-1321	-1484	-1398	-1503	-1539	-1424	-1394	-1256	-1042	-1059
13	**Total Firm Obligations**	**9867**	**9013**	**8836**	**8764**	**10419**	**11137**	**10931**	**10088**	**9811**	**8974**	**8765**	**9825**	**9649**	**9626**
	Net Resources														
14	**Net Hydro**	11196	9212	8933	9292	11675	11702	10577	9745	10530	8938	7985	13600	12495	10386
15	Regulated Hydro - Net	10737	8758	8405	8889	11297	11448	10353	9546	10181	8343	7377	12848	11706	9882
16	Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	1125	1124	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	295	283	282	285	300	300	293	288	293	283	277	310	303	290
25	Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
26	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
28	Slice Transmission Loss Return	54.5	42.6	42.3	45.1	60.2	59.7	53.1	48.1	52.5	42.6	36.8	70.4	63.3	50.1
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-1954	-1830	-1801	-1847	-2037	-2066	-1999	-1929	-1944	-1837	-1778	-2077	-2027	-1909
31	Contingency Reserves (Spinning)	-340	-311	-301	-319	-375	-390	-374	-353	-347	-320	-306	-362	-355	-331
32	Contingency Reserves (Non-Spinning)	-340	-311	-301	-319	-375	-390	-374	-353	-347	-320	-306	-362	-355	-331
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-373	-307	-299	-310	-387	-387	-350	-323	-350	-298	-266	-453	-416	-346
36	**Total Net Resources**	**10660**	**8788**	**8537**	**8854**	**11062**	**11060**	**9996**	**9229**	**10003**	**8508**	**7609**	**12959**	**11896**	**9891**
37	**Total Surplus/Deficit**	**793**	**-225**	**-299**	**89.8**	**643**	**-76.8**	**-936**	**-860**	**192**	**-465**	**-1157**	**3133**	**2247**	**265**

Loads and Resources - Federal System

Operating Year: 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1129	1129	1038	937	810	905	867	874	963	1009	1009	1087	1106	1150
2	Federal Agencies	168	168	165	189	216	238	242	231	223	204	204	186	173	176
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	8718	7954	7821	7815	9664	10241	10108	9441	8901	7974	7778	8389	8237	8489
6	Load Following	4387	4387	4153	4416	5003	5588	5564	5276	4848	4613	4613	4258	4230	4476
7	Tier 1 Block	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
8	Slice Block	1599	1599	1667	1709	2104	2341	2370	2190	2036	1719	1719	1522	1428	1654
9	Slice Output from T1 System	2316	1804	1758	1875	2481	2472	2195	1992	2190	1760	1504	2547	2301	2043
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-1043	-1296	-1114	-1529	-1312	-1542	-1418	-1413	-1555	-1455	-1394	-1272	-1056	-1053
13	**Total Firm Obligations**	**9848**	**9083**	**8859**	**8753**	**10473**	**11146**	**10975**	**10314**	**9863**	**8983**	**8787**	**9476**	**9343**	**9639**
	Net Resources														
14	**Net Hydro**	11287	9237	8984	9343	11652	11729	10580	9765	10615	8957	7934	13236	12311	10279
15	Regulated Hydro - Net	10828	8783	8455	8940	11274	11475	10357	9567	10266	8362	7326	12484	11522	9776
16	Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	4.58	4.09	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
21	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	295	283	134	136	151	151	144	139	144	134	128	153	147	141
25	Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
26	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Non-Federal CER	239	239	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
28	Slice Transmission Loss Return	55.1	42.8	41.7	44.5	59.1	58.9	52.2	47.3	52.1	41.7	35.6	60.7	54.7	48.5
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-1961	-1833	-1801	-1847	-2032	-2064	-1995	-1926	-1946	-1834	-1771	-1949	-1910	-1898
31	Contingency Reserves (Spinning)	-342	-313	-303	-320	-375	-391	-375	-354	-349	-321	-306	-324	-321	-330
32	Contingency Reserves (Non-Spinning)	-342	-313	-303	-320	-375	-391	-375	-354	-349	-321	-306	-324	-321	-330
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-376	-308	-295	-306	-381	-383	-345	-318	-348	-293	-259	-400	-369	-337
36	**Total Net Resources**	**10745**	**8810**	**8440**	**8757**	**10896**	**10940**	**9853**	**9103**	**9939**	**8381**	**7415**	**11445**	**10552**	**9645**
37	**Total Surplus/Deficit**	**897**	**-273**	**-419**	**4.05**	**423**	**-206**	**-1122**	**-1212**	**75.3**	**-602**	**-1372**	**1969**	**1209**	**6.28**

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Exhibit 13
Regional Report Surplus Deficit

Monthly 120-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Loads and Resources - Pacific Northwest Region

Operating Year: 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	29766	29766	26806	27294	30433	33478	33856	31834	29467	27654	27654	26172	28755	30780
2	Federal Agency	145	145	138	159	194	214	217	205	198	181	181	163	152	156
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2651	2651	2460	2506	2807	3150	3117	2978	2708	2650	2650	2578	2616	2782
5	Municipality	3325	3325	3202	3576	4052	4453	4448	4292	3951	3648	3648	3266	3207	3337
6	Public Utility District	5362	5362	5189	5706	6522	7136	7210	6734	6302	5934	5934	5449	5249	5528
7	Investor-Owned Utility	16925	16925	14544	14200	15866	17460	17842	16584	15170	14038	14038	13417	16199	17604
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	459	459	459	460	459	459	460	459	459	460	460	460	458	459
10	**Exports**	2193	2193	2030	1673	1527	1536	1536	1515	1542	1560	1568	1493	1944	1954
11	Canada	1432	1432	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1329
12	East Continental Divide	22.2	22.2	17.5	16.9	18.4	19.7	20.4	19.7	19.1	17.6	17.6	16.6	18.7	6.80
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	738	738	706	350	202	209	209	189	216	236	244	170	619	619
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-759	-812	-990	-1315	-1205	-1418	-1292	-1340	-1409	-1210	-1216	-1073	-920	-818
17		-759	-812	-990	-1315	-1205	-1418	-1292	-1340	-1409	-1210	-1216	-1073	-920	-818
18	**Total Firm Loads**	**31200**	**31147**	**27846**	**27652**	**30755**	**33596**	**34101**	**32009**	**29599**	**28003**	**28006**	**26591**	**29778**	**31916**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	22274	19536	19028	19696	22130	22346	21217	19876	20658	19056	18112	24373	23904	21383
30	Regulated Hydro - Net	20765	18028	17446	18182	20662	20952	19880	18630	19151	17263	16304	22380	21865	19756
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
32	**Other Resources**	16420	16419	16419	16468	16580	16652	16656	16616	15964	14766	14759	15710	16490	16933
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2289	2281	2445	2684	2692
34	Combustion Turbine Resources	6090	6090	6150	6223	6372	6440	6447	6401	6354	6307	6307	6140	6088	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	5576	5576	6406	6986	6986
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1097	1097	964	904	1213	1346	1331	1350	1044	903	903	868	1117	1285
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	179	179	159	156	162	173	181	168	162	149	149	151	171	189
42	Inland Southwest	731	731	619	561	560	639	584	583	558	530	530	570	800	875
43	Pacific Southwest	40.0	40.0	40.0	40.0	389	411	411	411	111	76.6	76.6	0	0	75.0

Loads and Resources - Pacific Northwest Region

Operating Year: 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4019	-3849	-3726	-3784	-4053	-4163	-4105	-3964	-3894	-3673	-3614	-3980	-4071	-4021
46	Contingency Reserves (Non-Spinning)	-934	-894	-841	-860	-949	-999	-988	-939	-906	-843	-830	-893	-930	-938
47	Contingency Reserves (Spinning)	-934	-894	-841	-860	-949	-999	-988	-939	-906	-843	-830	-893	-930	-938
48	Generation Imbalance Reserves	-405	-405	-405	-317	-316	-316	-316	-316	-316	-316	-316	-316	-316	-316
49	Load Following Reserves	-495	-495	-495	-583	-584	-584	-584	-584	-584	-584	-584	-584	-584	-584
50	Transmission Losses	-1251	-1161	-1143	-1164	-1255	-1266	-1228	-1185	-1181	-1086	-1055	-1293	-1310	-1245
51	**Total Resources**	**35772**	**33202**	**32685**	**33284**	**35870**	**36182**	**35099**	**33878**	**33772**	**31051**	**30160**	**36970**	**37441**	**35580**
52	**Total Surplus/Deficit**	**4572**	**2055**	**4825**	**5632**	**5115**	**2586**	**994**	**1846**	**4119**	**3014**	**2120**	**10379**	**7662**	**3664**

Loads and Resources - Pacific Northwest Region

Operating Year: 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	30367	30367	27253	27761	30933	33926	34377	32279	29854	28042	28042	26498	29242	31327
2	Federal Agency	150	150	142	164	189	211	210	202	196	182	182	163	152	156
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2709	2709	2517	2558	2862	3205	3170	3017	2753	2689	2689	2617	2652	2808
5	Municipality	3344	3344	3219	3612	4109	4424	4495	4312	3922	3652	3652	3209	3250	3396
6	Public Utility District	5505	5505	5268	5767	6575	7190	7258	6788	6361	5986	5986	5500	5284	5577
7	Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	459	459	459	505	504	504	505	504	504	505	505	505	503	504
10	**Exports**	2051	2051	1912	1550	1500	1489	1487	1487	1514	1535	1543	1483	1932	1954
11	Canada	1420	1420	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1329
12	East Continental Divide	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	625	625	598	236	186	175	173	173	201	221	229	170	619	619
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-871	-1120	-1142	-1370	-1291	-1490	-1315	-1349	-1510	-1266	-1261	-1176	-937	-832
17		-871	-1120	-1142	-1370	-1291	-1490	-1315	-1349	-1510	-1266	-1261	-1176	-937	-832
18	**Total Firm Loads**	**31547**	**31299**	**28023**	**27941**	**31141**	**33925**	**34550**	**32417**	**29858**	**28311**	**28324**	**26806**	**30237**	**32450**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	22058	19850	19162	19749	22108	22374	21221	19897	20745	19432	18599	24500	23841	21278
30	Regulated Hydro - Net	20549	18342	17581	18234	20641	20980	19883	18652	19238	17639	16790	22507	21803	19651
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
32	**Other Resources**	16860	16859	16855	16907	17019	17088	17096	17056	16404	15904	15425	14880	15221	16933
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6586	6662	6811	6876	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	5798	5798	5132	5712	6986
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1142	1142	1006	995	1278	1412	1396	1415	1110	918	918	948	1202	1297
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	182	182	161	158	163	175	183	170	164	151	151	153	173	191
42	Inland Southwest	739	739	624	565	563	643	587	586	562	533	533	574	808	884
43	Pacific Southwest	75.0	75.0	75.0	125	450	471	471	471	171	87.0	87.0	75.0	75.0	75.0

Loads and Resources - Pacific Northwest Region

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4039	-3902	-3763	-3819	-4083	-4194	-4137	-3995	-3928	-3760	-3679	-3909	-3978	-4030
46	Contingency Reserves (Non-Spinning)	-940	-907	-850	-868	-956	-1005	-996	-946	-913	-862	-843	-867	-904	-945
47	Contingency Reserves (Spinning)	-940	-907	-850	-868	-956	-1005	-996	-946	-913	-862	-843	-867	-904	-945
48	Generation Imbalance Reserves	-316	-316	-315	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-584	-584	-585	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1260	-1188	-1164	-1184	-1271	-1283	-1245	-1202	-1201	-1137	-1094	-1274	-1269	-1241
51	**Total Resources**	**36021**	**33949**	**33261**	**33832**	**36322**	**36680**	**35576**	**34373**	**34331**	**32493**	**31263**	**36420**	**36287**	**35477**
52	**Total Surplus/Deficit**	**4473**	**2650**	**5224**	**5891**	**5181**	**2756**	**1023**	**1933**	**4419**	**4148**	**2905**	**9614**	**6050**	**3027**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	30939	30939	27712	28165	31335	34359	34845	32722	30260	28475	28475	26927	29747	31871
2	Federal Agency	150	150	142	164	191	213	212	203	196	221	221	195	183	190
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2735	2735	2537	2593	2890	3234	3200	3049	2782	2719	2719	2648	2685	2842
5	Municipality	3419	3419	3271	3633	4131	4452	4516	4338	3949	3675	3675	3232	3272	3421
6	Public Utility District	5571	5571	5332	5845	6633	7248	7348	6871	6436	6064	6064	5577	5369	5664
7	Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	504	504	504	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	2048	2048	1914	1547	1497	1489	1487	1487	1511	1532	1540	1480	1868	1889
11	Canada	1437	1437	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	604	604	583	216	166	158	156	156	180	201	209	149	536	534
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-904	-1197	-1179	-1413	-1309	-1428	-1378	-1356	-1440	-1235	-1276	-1287	-1041	-876
17		-904	-1197	-1179	-1413	-1309	-1428	-1378	-1356	-1440	-1235	-1276	-1287	-1041	-876
18	**Total Firm Loads**	**32083**	**31790**	**28447**	**28300**	**31523**	**34421**	**34954**	**32852**	**30331**	**28772**	**28739**	**27120**	**30573**	**32885**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	21972	19829	19115	19694	22134	22351	21223	19881	20664	19082	18138	24359	23910	21351
30	Regulated Hydro - Net	20463	18321	17534	18180	20667	20957	19885	18636	19157	17289	16330	22366	21871	19724
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
32	**Other Resources**	16860	16859	16855	16907	17019	17088	17096	17056	16404	17092	16613	15484	16341	16933
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6586	6662	6811	6876	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6986	6986	5736	6832	6986
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1152	1152	1012	1000	1283	1418	1401	1419	1114	922	922	953	1213	1307
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	183	183	162	159	165	176	185	171	165	152	152	154	175	193
42	Inland Southwest	747	747	628	569	566	647	590	589	565	536	536	578	817	893
43	Pacific Southwest	75.0	75.0	75.0	125	450	471	471	471	171	87.0	87.0	75.0	75.0	75.0

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4050	-3917	-3773	-3827	-4096	-4205	-4150	-4007	-3934	-3810	-3722	-3977	-4097	-4051
46	Contingency Reserves (Non-Spinning)	-947	-915	-856	-873	-962	-1011	-1003	-952	-918	-873	-852	-895	-945	-954
47	Contingency Reserves (Spinning)	-947	-915	-856	-873	-962	-1011	-1003	-952	-918	-873	-852	-895	-945	-954
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1257	-1187	-1162	-1182	-1271	-1282	-1244	-1202	-1198	-1164	-1118	-1288	-1307	-1243
51	**Total Resources**	**35934**	**33922**	**33209**	**33775**	**36340**	**36652**	**35569**	**34350**	**34248**	**33286**	**31952**	**36819**	**37366**	**35540**
52	**Total Surplus/Deficit**	**3851**	**2132**	**4748**	**5474**	**4817**	**2231**	**611**	**1474**	**3863**	**4481**	**3179**	**9699**	**6793**	**2656**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	31473	31473	28144	28560	31758	34768	35225	33027	30628	28808	28808	27182	30104	32308
2	Federal Agency	185	185	172	197	208	238	232	217	243	221	221	195	183	190
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2768	2768	2568	2623	2920	3265	3230	3055	2811	2749	2749	2680	2718	2876
5	Municipality	3444	3444	3294	3701	4222	4495	4540	4339	3976	3725	3725	3205	3275	3468
6	Public Utility District	5648	5648	5396	5901	6694	7315	7402	6918	6482	6114	6114	5630	5423	5719
7	Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1988	1988	1857	1517	1491	1483	1481	1481	1455	1442	1450	1390	1759	1783
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	6.80	6.80	6.80	6.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	543	543	526	186	166	158	156	156	130	116	124	64.7	433	433
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1018	-1185	-1140	-1468	-1248	-1492	-1409	-1354	-1428	-1309	-1374	-1325	-978	-964
17		-1018	-1185	-1140	-1468	-1248	-1492	-1409	-1354	-1428	-1309	-1374	-1325	-978	-964
18	**Total Firm Loads**	**32444**	**32277**	**28861**	**28609**	**32001**	**34759**	**35297**	**33154**	**30656**	**28941**	**28884**	**27248**	**30885**	**33127**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	22035	19856	19168	19755	22113	22379	21227	19902	20751	19102	18088	23993	23726	21245
30	Regulated Hydro - Net	20526	18348	17586	18240	20646	20985	19889	18656	19244	17309	16279	22000	21687	19618
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
32	**Other Resources**	16860	16859	16859	16911	17023	17093	17096	17056	16407	15880	15878	14367	15374	16931
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2289	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6666	6815	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6246	6246	4616	5866	6986
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	163	157	169	210	325	332	451	464	453
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1161	1161	1017	1006	1263	1376	1360	1379	1074	916	916	959	1223	1319
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	185	185	164	161	166	178	186	173	167	153	153	155	176	195
42	Inland Southwest	755	755	632	573	569	650	594	593	569	540	540	582	826	903
43	Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	75.0

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4070	-3934	-3789	-3842	-4106	-4217	-4160	-4015	-3949	-3766	-3703	-3861	-4001	-4057
46	Contingency Reserves (Non-Spinning)	-955	-923	-863	-879	-968	-1018	-1009	-957	-925	-871	-856	-860	-915	-958
47	Contingency Reserves (Spinning)	-955	-923	-863	-879	-968	-1018	-1009	-957	-925	-871	-856	-860	-915	-958
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1259	-1187	-1163	-1183	-1270	-1281	-1243	-1201	-1199	-1124	-1091	-1240	-1271	-1240
51	**Total Resources**	**35987**	**33942**	**33255**	**33829**	**36292**	**36631**	**35523**	**34322**	**34283**	**32131**	**31178**	**35457**	**36323**	**35439**
52	**Total Surplus/Deficit**	**3542**	**1665**	**4380**	**5220**	**4291**	**1872**	**222**	**1145**	**3573**	**3156**	**2260**	**8210**	**5437**	**2312**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	31887	31887	28432	28864	32089	35128	35600	33414	30926	29108	29108	27481	30475	32705
2	Federal Agency	185	185	172	197	209	232	245	235	227	221	221	195	184	191
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2802	2802	2599	2657	2955	3301	3266	3114	2846	2782	2782	2713	2751	2910
5	Municipality	3472	3472	3285	3719	4242	4515	4559	4359	3993	3742	3742	3222	3293	3487
6	Public Utility District	5704	5704	5440	5947	6744	7370	7454	6967	6524	6154	6154	5678	5471	5759
7	Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1873	1873	1759	1450	1442	1442	1442	1442	1442	1442	1450	1390	1759	1783
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	433	433	433	124	116	116	116	116	116	116	124	64.7	433	433
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-999	-1238	-1153	-1476	-1259	-1499	-1431	-1454	-1500	-1326	-1368	-1227	-1044	-974
17		-999	-1238	-1153	-1476	-1259	-1499	-1431	-1454	-1500	-1326	-1368	-1227	-1044	-974
18	**Total Firm Loads**	**32761**	**32523**	**29037**	**28839**	**32272**	**35070**	**35610**	**33401**	**30868**	**29223**	**29189**	**27645**	**31191**	**33513**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	21948	19835	19120	19707	22139	22356	21228	19886	20668	19085	18142	24360	23914	21355
30	Regulated Hydro - Net	20439	18327	17538	18192	20672	20962	19890	18640	19161	17293	16333	22367	21875	19728
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
32	**Other Resources**	16860	16857	16856	16906	17019	17093	17096	17056	16404	16574	16095	15330	16341	16933
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6663	6812	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6468	6468	5582	6832	6986
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	380	307	225	173	163	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1171	1171	1022	1010	1267	1381	1365	1383	1078	920	920	963	1234	1330
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	186	186	165	162	168	179	188	174	168	155	155	156	178	196
42	Inland Southwest	763	763	636	576	572	653	597	596	572	543	543	585	835	913
43	Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	75.0

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4076	-3945	-3794	-3848	-4117	-4226	-4171	-4025	-3952	-3810	-3722	-3988	-4119	-4075
46	Contingency Reserves (Non-Spinning)	-960	-929	-866	-883	-974	-1023	-1014	-963	-928	-882	-861	-903	-956	-966
47	Contingency Reserves (Spinning)	-960	-929	-866	-883	-974	-1023	-1014	-963	-928	-882	-861	-903	-956	-966
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1256	-1187	-1162	-1182	-1270	-1280	-1242	-1200	-1196	-1146	-1100	-1283	-1307	-1243
51	**Total Resources**	**35902**	**33918**	**33204**	**33775**	**36308**	**36603**	**35517**	**34300**	**34198**	**32769**	**31435**	**36666**	**37369**	**35543**
52	**Total Surplus/Deficit**	**3141**	**1395**	**4152**	**4937**	**4036**	**1533**	**-96.7**	**875**	**3276**	**3511**	**2211**	**9021**	**6178**	**2030**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	32284	32284	28743	29167	32426	35494	35969	33759	31256	29406	29406	27794	30858	33105
2	Federal Agency	185	185	173	198	221	243	246	236	228	213	213	196	183	186
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2836	2836	2631	2693	2992	3339	3305	3149	2882	2819	2819	2748	2786	2946
5	Municipality	3490	3490	3302	3737	4261	4535	4579	4379	4012	3760	3760	3239	3310	3505
6	Public Utility District	5751	5751	5475	5983	6785	7415	7503	7017	6572	6199	6199	5731	5525	5808
7	Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1873	1873	1759	1450	1442	1442	1442	1442	1442	1442	1450	1390	1759	1783
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	433	433	433	124	116	116	116	116	116	116	124	64.7	433	433
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-815	-1253	-1212	-1465	-1267	-1545	-1372	-1381	-1537	-1306	-1391	-1207	-1088	-978
17		-815	-1253	-1212	-1465	-1267	-1545	-1372	-1381	-1537	-1306	-1391	-1207	-1088	-978
18	**Total Firm Loads**	**33343**	**32905**	**29290**	**29152**	**32601**	**35391**	**36039**	**33820**	**31160**	**29542**	**29465**	**27977**	**31529**	**33910**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	22039	19860	19171	19758	22117	22363	21130	19805	20652	19003	17989	23907	23629	21227
30	Regulated Hydro - Net	20530	18352	17589	18244	20650	20969	19872	18639	19225	17291	16261	21994	21671	19600
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1258	1166	1427	1712	1728	1913	1959	1627
32	**Other Resources**	16860	16859	16859	16908	17020	16422	15846	15806	15154	15842	15363	14029	13970	15683
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6663	6812	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6316	5736	5736	5736	5736	5736	4281	4462	5736
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1180	1180	1028	1015	1271	1386	1369	1387	1084	925	925	968	1243	1266
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	188	188	167	163	169	181	189	176	169	156	156	158	179	198
42	Inland Southwest	771	771	640	580	575	657	600	599	576	547	547	589	843	922
43	Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	0

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4093	-3958	-3806	-3859	-4126	-4195	-4097	-3952	-3883	-3753	-3661	-3852	-3933	-3998
46	Contingency Reserves (Non-Spinning)	-967	-935	-872	-888	-978	-1018	-999	-948	-914	-867	-845	-863	-906	-951
47	Contingency Reserves (Spinning)	-967	-935	-872	-888	-978	-1018	-999	-948	-914	-867	-845	-863	-906	-951
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1259	-1187	-1163	-1183	-1269	-1259	-1198	-1156	-1155	-1120	-1071	-1226	-1221	-1196
51	**Total Resources**	**35986**	**33941**	**33252**	**33822**	**36283**	**35976**	**34247**	**33047**	**33007**	**32017**	**30617**	**35052**	**34910**	**34177**
52	**Total Surplus/Deficit**	**2643**	**1037**	**3948**	**4670**	**3683**	**586**	**-1796**	**-796**	**1793**	**2441**	**1118**	**7075**	**3381**	**267**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	32690	32690	29072	29479	32761	35856	36339	34108	31581	29711	29711	28098	31230	33517
2	Federal Agency	178	178	175	198	222	243	247	237	229	214	214	196	184	186
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2872	2872	2667	2731	3031	3379	3345	3192	2921	2857	2857	2786	2824	2985
5	Municipality	3508	3508	3320	3756	4280	4555	4600	4399	4031	3779	3779	3257	3328	3524
6	Public Utility District	5808	5808	5519	6025	6832	7467	7556	7061	6613	6238	6238	5773	5565	5850
7	Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1508	1508	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-835	-1265	-1221	-1435	-1301	-1534	-1377	-1401	-1549	-1325	-1419	-1220	-1105	-920
17		-835	-1265	-1221	-1435	-1301	-1534	-1377	-1401	-1549	-1325	-1419	-1220	-1105	-920
18	**Total Firm Loads**	**33362**	**32932**	**29244**	**29438**	**32846**	**35706**	**36348**	**34092**	**31417**	**29772**	**29685**	**28212**	**31519**	**34013**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	21930	19817	19092	19609	22041	22259	21130	19788	20570	18977	18033	24284	23815	21336
30	Regulated Hydro - Net	20421	18309	17520	18174	20654	20945	19872	18622	19143	17265	16305	22371	21856	19709
31	Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
32	**Other Resources**	15610	15609	15609	15658	15770	15842	15719	15679	15027	14168	14161	15357	15117	15556
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2289	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6663	6812	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	5736	5736	5736	5736	5736	5736	5609	5609	5609	4534	4534	5609	5609	5609
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1115	1115	958	896	1151	1267	1250	1268	964	854	854	899	1179	1278
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	189	189	168	165	170	182	191	177	171	157	157	159	181	200
42	Inland Southwest	779	779	644	584	578	661	604	603	580	550	550	593	852	932
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0

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44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4018	-3887	-3731	-3777	-4048	-4158	-4099	-3952	-3878	-3678	-3619	-3999	-4055	-4013
46	Contingency Reserves (Non-Spinning)	-953	-922	-857	-872	-963	-1013	-1005	-953	-917	-859	-845	-910	-947	-959
47	Contingency Reserves (Spinning)	-953	-922	-857	-872	-963	-1013	-1005	-953	-917	-859	-845	-910	-947	-959
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1212	-1142	-1117	-1133	-1221	-1232	-1189	-1147	-1143	-1061	-1030	-1278	-1261	-1195
51	**Total Resources**	**34636**	**32654**	**31929**	**32386**	**34914**	**35209**	**34000**	**32783**	**32683**	**30321**	**29430**	**36541**	**36056**	**34157**
52	**Total Surplus/Deficit**	**1274**	**-278**	**2671**	**2948**	**2069**	**-497**	**-2352**	**-1333**	**1212**	**516**	**-290**	**8329**	**4538**	**144**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	33101	33101	29396	29788	33093	36214	36709	34417	31908	30016	30016	28405	31604	33930
2	Federal Agency	179	179	175	199	222	244	248	234	229	214	214	197	184	187
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2911	2911	2704	2769	3070	3419	3386	3206	2960	2895	2895	2824	2862	3024
5	Municipality	3528	3528	3338	3775	4301	4576	4620	4416	4050	3796	3796	3275	3346	3542
6	Public Utility District	5857	5857	5557	6064	6876	7515	7604	7105	6655	6279	6279	5813	5605	5893
7	Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1508	1508	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1028	-1385	-1198	-1453	-1312	-1561	-1366	-1396	-1573	-1293	-1359	-1282	-1121	-931
17		-1028	-1385	-1198	-1453	-1312	-1561	-1366	-1396	-1573	-1293	-1359	-1282	-1121	-931
18	**Total Firm Loads**	**33580**	**33224**	**29591**	**29728**	**33166**	**36039**	**36728**	**34407**	**31720**	**30108**	**30050**	**28456**	**31876**	**34416**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	22021	19842	19143	19660	22019	22286	21134	19809	20656	18997	17983	23920	23632	21230
30	Regulated Hydro - Net	20512	18334	17571	18226	20632	20972	19876	18643	19229	17284	16254	22008	21673	19603
31	Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
32	**Other Resources**	15483	15482	15482	15534	15646	15715	15719	15679	15027	14862	14383	14083	13843	15556
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6666	6815	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	4756	4756	4335	4335	5609
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1125	1125	964	901	1155	1272	1254	1272	968	860	860	904	1189	1289
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	191	191	169	166	172	184	193	179	172	159	159	160	182	201
42	Inland Southwest	788	788	648	588	581	665	607	606	583	554	554	597	861	942
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0

Loads and Resources - Pacific Northwest Region

Operating Year: 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4031	-3896	-3739	-3785	-4052	-4166	-4110	-3962	-3893	-3725	-3632	-3879	-3948	-4018
46	Contingency Reserves (Non-Spinning)	-960	-928	-862	-877	-968	-1019	-1010	-958	-923	-870	-849	-877	-917	-963
47	Contingency Reserves (Spinning)	-960	-928	-862	-877	-968	-1019	-1010	-958	-923	-870	-849	-877	-917	-963
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1210	-1139	-1114	-1130	-1216	-1228	-1189	-1147	-1146	-1084	-1035	-1225	-1214	-1191
51	**Total Resources**	**34598**	**32554**	**31850**	**32310**	**34768**	**35107**	**33997**	**32798**	**32759**	**30993**	**29593**	**35029**	**34716**	**34057**
52	**Total Surplus/Deficit**	**1018**	**-670**	**2245**	**2582**	**1603**	**-931**	**-2735**	**-1632**	**984**	**851**	**-491**	**6573**	**2840**	**-359**

Loads and Resources - Pacific Northwest Region

Operating Year: 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	33496	33496	29711	30085	33417	36566	37065	34776	32230	30309	30309	28694	31970	34333
2	Federal Agency	179	179	176	200	223	245	249	238	230	215	215	198	185	187
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2949	2949	2742	2802	3104	3455	3421	3266	2994	2928	2928	2857	2894	3057
5	Municipality	3546	3546	3356	3791	4317	4594	4635	4429	4066	3812	3812	3290	3362	3559
6	Public Utility District	5891	5891	5588	6100	6916	7559	7648	7147	6694	6315	6315	5848	5641	5930
7	Investor-Owned Utility	19482	19482	16487	15956	17775	19558	19999	18565	17018	15746	15746	15113	18467	20137
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1508	1508	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1023	-1382	-1189	-1469	-1321	-1484	-1398	-1503	-1539	-1424	-1394	-1256	-1042	-1059
17		-1023	-1382	-1189	-1469	-1321	-1484	-1398	-1503	-1539	-1424	-1394	-1256	-1042	-1059
18	**Total Firm Loads**	**33981**	**33623**	**29915**	**30009**	**33481**	**36467**	**37052**	**34659**	**32076**	**30270**	**30309**	**28771**	**32321**	**34691**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	21933	19821	19096	19612	22045	22263	21134	19792	20574	18991	18047	24277	23819	21340
30	Regulated Hydro - Net	20425	18313	17524	18178	20658	20949	19876	18626	19147	17278	16318	22364	21860	19713
31	Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
32	**Other Resources**	15483	15482	15482	15531	15643	15715	15719	15679	15027	15715	15236	15022	14963	15556
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6663	6812	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	5609	5609	5274	5455	5609
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1135	1135	970	906	1160	1278	1259	1278	974	865	865	909	1200	1300
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	193	193	171	167	173	185	194	180	174	160	160	162	184	203
42	Inland Southwest	796	796	653	592	584	669	610	610	587	558	558	601	870	951
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0

Loads and Resources - Pacific Northwest Region

Operating Year: 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4037	-3906	-3745	-3790	-4063	-4175	-4120	-3972	-3897	-3772	-3683	-3995	-4072	-4037
46	Contingency Reserves (Non-Spinning)	-965	-934	-866	-881	-973	-1024	-1016	-963	-927	-880	-859	-914	-958	-971
47	Contingency Reserves (Spinning)	-965	-934	-866	-881	-973	-1024	-1016	-963	-927	-880	-859	-914	-958	-971
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1207	-1138	-1113	-1129	-1217	-1227	-1189	-1147	-1143	-1112	-1066	-1267	-1256	-1195
51	**Total Resources**	**34514**	**32532**	**31803**	**32259**	**34785**	**35081**	**33992**	**32777**	**32678**	**31799**	**30465**	**36213**	**35911**	**34159**
52	**Total Surplus/Deficit**	**533**	**-1091**	**1874**	**2250**	**1304**	**-1386**	**-3064**	**-1905**	**548**	**1495**	**122**	**7443**	**3590**	**-532**

Loads and Resources - Pacific Northwest Region

Operating Year: 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	33893	33893	30021	30369	33725	36902	37410	35098	32523	30585	30585	28967	32321	34720
2	Federal Agency	180	180	176	200	224	246	250	239	231	216	216	198	185	188
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2983	2983	2774	2821	3123	3475	3442	3283	3013	2947	2947	2875	2912	3076
5	Municipality	3563	3563	3372	3812	4340	4617	4660	4457	4087	3832	3832	3309	3381	3579
6	Public Utility District	5923	5923	5619	6129	6948	7593	7683	7180	6725	6345	6345	5877	5670	5961
7	Investor-Owned Utility	19795	19795	16717	16170	18008	19815	20262	18808	17240	15953	15953	15319	18751	20454
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1508	1508	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1043	-1296	-1114	-1529	-1312	-1542	-1418	-1413	-1555	-1455	-1394	-1272	-1056	-1053
17		-1043	-1296	-1114	-1529	-1312	-1542	-1418	-1413	-1555	-1455	-1394	-1272	-1056	-1053
18	**Total Firm Loads**	**34357**	**34105**	**30300**	**30233**	**33798**	**36745**	**37376**	**35069**	**32354**	**30515**	**30584**	**29029**	**32659**	**35084**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	22025	19846	19147	19663	22023	22289	21137	19812	20659	19010	17996	23913	23635	21233
30	Regulated Hydro - Net	20516	18338	17574	18229	20635	20975	19879	18647	19232	17297	16267	22000	21676	19606
31	Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
32	**Other Resources**	15483	15482	15482	15531	15643	15715	15719	15679	15027	14503	14496	13902	13997	15556
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2289	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6663	6812	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	4869	4869	4154	4489	5609
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1144	1144	975	911	1165	1283	1264	1282	979	869	869	914	1210	1312
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	194	194	172	169	175	187	196	182	175	161	161	163	185	205
42	Inland Southwest	804	804	657	595	588	673	613	613	591	561	561	604	879	961
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0

Loads and Resources - Pacific Northwest Region

Operating Year: 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4055	-3919	-3757	-3802	-4071	-4186	-4115	-3967	-3896	-3711	-3648	-3865	-3960	-4027
46	Contingency Reserves (Non-Spinning)	-972	-940	-872	-886	-977	-1029	-1013	-960	-925	-869	-854	-872	-920	-968
47	Contingency Reserves (Spinning)	-972	-940	-872	-886	-977	-1029	-1013	-960	-925	-869	-854	-872	-920	-968
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1210	-1139	-1114	-1130	-1216	-1228	-1190	-1148	-1146	-1073	-1039	-1220	-1220	-1192
51	**Total Resources**	**34597**	**32553**	**31847**	**32303**	**34761**	**35102**	**34004**	**32807**	**32770**	**30671**	**29713**	**34864**	**34882**	**34074**
52	**Total Surplus/Deficit**	**240**	**-1552**	**1533**	**2070**	**962**	**-1644**	**-3376**	**-2286**	**362**	**121**	**-905**	**5836**	**2223**	**-1010**

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Exhibit 14
Table A-6: BPA Sales to Preference and Legacy Customers

Monthly 120-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4195**	**4195**	**3970**	**4312**	**4927**	**5520**	**5483**	**5202**	**4779**	**4537**	**4537**	**4172**	**4132**	**4366**
4	Cooperative	2460	2460	2265	2378	2673	3016	2980	2831	2563	2495	2495	2424	2459	2615
5	Municipality	804	804	754	785	909	1004	1003	947	868	798	798	723	740	807
6	Public Utility District	798	798	825	1001	1159	1295	1291	1227	1158	1074	1074	874	794	799
7	Federal Entities	133	133	126	148	186	206	209	197	190	169	169	151	140	144
8	**Slice Block**	**1596**	**1596**	**1666**	**1626**	**2003**	**2227**	**2256**	**2014**	**1940**	**1635**	**1635**	**1445**	**1355**	**1575**
9	Municipality	490	490	615	544	756	825	856	783	779	540	540	358	286	461
10	Public Utility District	1106	1106	1052	1082	1247	1402	1401	1231	1161	1096	1096	1086	1069	1115
11	**Slice Right to Power**	**2381**	**1725**	**1736**	**1907**	**2555**	**2536**	**2264**	**2054**	**2235**	**1813**	**1573**	**2963**	**2668**	**2130**
12	Municipality	799	579	583	640	858	851	760	690	750	609	528	995	896	715
13	Public Utility District	1581	1146	1153	1267	1697	1684	1504	1364	1485	1204	1045	1968	1772	1415
14	**Tier 1 Block**	**12.0**	**12.0**	**25.0**	**10.2**	**46.1**	**40.5**	**56.9**	**53.8**	**47.7**	**3.09**	**3.09**	**0**	**0**	**11.4**
15	Public Utility District	12.0	12.0	25.0	10.2	46.1	40.5	56.9	53.8	47.7	3.09	3.09	0	0	11.4
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2460	2460	2265	2378	2673	3016	2980	2831	2563	2495	2495	2424	2459	2615
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	133	133	126	148	186	206	209	197	190	169	169	151	140	144
21	Municipality	2092	1873	1952	1969	2523	2680	2618	2419	2397	1947	1866	2076	1922	1983
22	Public Utility District	3498	3063	3055	3360	4149	4422	4252	3876	3851	3377	3217	3928	3635	3340
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9145**	**8490**	**8272**	**8604**	**10125**	**10991**	**10686**	**9966**	**9741**	**8794**	**8554**	**9481**	**9089**	**9056**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4281**	**4281**	**4061**	**4349**	**4954**	**5547**	**5509**	**5232**	**4813**	**4572**	**4572**	**4199**	**4153**	**4392**
4	Cooperative	2541	2541	2350	2391	2687	3030	2995	2842	2577	2508	2508	2436	2471	2627
5	Municipality	807	807	757	789	913	1008	1009	954	874	804	804	729	747	815
6	Public Utility District	795	795	823	1018	1172	1306	1302	1242	1174	1091	1091	883	796	806
7	Federal Entities	138	138	130	152	181	203	202	194	188	170	170	151	140	144
8	**Slice Block**	**1570**	**1570**	**1638**	**1657**	**2041**	**2270**	**2299**	**2125**	**1976**	**1667**	**1667**	**1473**	**1382**	**1605**
9	Municipality	481	481	602	551	766	836	867	821	790	547	547	364	290	467
10	Public Utility District	1088	1088	1036	1106	1275	1434	1432	1303	1187	1120	1120	1110	1092	1138
11	**Slice Right to Power**	**2335**	**1813**	**1802**	**1919**	**2528**	**2521**	**2243**	**2038**	**2235**	**1892**	**1680**	**2719**	**2376**	**2100**
12	Municipality	784	609	605	644	849	846	753	684	750	635	564	913	798	705
13	Public Utility District	1551	1204	1197	1275	1679	1674	1490	1354	1485	1257	1116	1806	1578	1395
14	**Tier 1 Block**	**11.7**	**11.7**	**24.2**	**10.2**	**45.9**	**40.3**	**56.8**	**55.6**	**47.6**	**3.08**	**3.08**	**0**	**0**	**11.4**
15	Public Utility District	11.7	11.7	24.2	10.2	45.9	40.3	56.8	55.6	47.6	3.08	3.08	0	0	11.4
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2541	2541	2350	2391	2687	3030	2995	2842	2577	2508	2508	2436	2471	2627
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	138	138	130	152	181	203	202	194	188	170	170	151	140	144
21	Municipality	2072	1897	1965	1984	2528	2691	2629	2460	2414	1986	1915	2005	1835	1987
22	Public Utility District	3446	3099	3080	3409	4173	4455	4281	3954	3893	3470	3329	3799	3466	3350
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9158**	**8636**	**8399**	**8684**	**10162**	**11045**	**10733**	**10093**	**9811**	**8939**	**8727**	**9292**	**8845**	**9082**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4319**	**4319**	**4095**	**4377**	**4981**	**5575**	**5552**	**5269**	**4841**	**4635**	**4635**	**4256**	**4216**	**4459**
4	Cooperative	2554	2554	2361	2401	2698	3043	3008	2857	2590	2520	2520	2450	2486	2644
5	Municipality	817	817	765	796	922	1017	1016	960	879	809	809	734	752	821
6	Public Utility District	810	810	838	1028	1179	1310	1323	1257	1184	1097	1097	889	807	816
7	Federal Entities	138	138	131	152	183	205	204	195	188	209	209	183	171	178
8	**Slice Block**	**1599**	**1599**	**1668**	**1662**	**2046**	**2275**	**2304**	**2129**	**1981**	**1671**	**1671**	**1477**	**1386**	**1608**
9	Municipality	488	488	610	550	764	834	864	819	787	545	545	362	289	466
10	Public Utility District	1111	1111	1058	1112	1282	1441	1440	1311	1193	1126	1126	1115	1097	1143
11	**Slice Right to Power**	**2305**	**1800**	**1784**	**1901**	**2528**	**2509**	**2238**	**2030**	**2210**	**1795**	**1556**	**2951**	**2659**	**2111**
12	Municipality	774	604	599	638	849	842	751	681	742	603	522	991	893	709
13	Public Utility District	1531	1195	1185	1263	1679	1667	1487	1348	1468	1192	1034	1960	1766	1402
14	**Tier 1 Block**	**11.7**	**11.7**	**24.1**	**10.2**	**46.2**	**40.5**	**57.0**	**55.8**	**47.8**	**3.10**	**3.10**	**0**	**0**	**11.4**
15	Public Utility District	11.7	11.7	24.1	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2554	2554	2361	2401	2698	3043	3008	2857	2590	2520	2520	2450	2486	2644
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	138	138	131	152	183	205	204	195	188	209	209	183	171	178
21	Municipality	2079	1909	1975	1984	2534	2693	2632	2460	2408	1957	1877	2087	1934	1995
22	Public Utility District	3464	3128	3105	3413	4186	4458	4307	3971	3893	3417	3259	3964	3670	3372
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9196**	**8690**	**8445**	**8699**	**10195**	**11066**	**10776**	**10126**	**9819**	**8909**	**8670**	**9585**	**9195**	**9164**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4388**	**4388**	**4151**	**4432**	**5022**	**5625**	**5596**	**5279**	**4911**	**4659**	**4659**	**4282**	**4245**	**4490**
4	Cooperative	2570	2570	2375	2415	2712	3058	3023	2848	2603	2535	2535	2466	2504	2663
5	Municipality	823	823	771	800	926	1022	1020	961	883	812	812	737	756	825
6	Public Utility District	822	822	845	1032	1184	1316	1329	1261	1190	1103	1103	896	814	824
7	Federal Entities	173	173	161	185	200	230	224	209	235	209	209	183	171	178
8	**Slice Block**	**1602**	**1602**	**1672**	**1682**	**2071**	**2303**	**2332**	**2156**	**2005**	**1691**	**1691**	**1496**	**1404**	**1628**
9	Municipality	486	486	608	556	772	843	874	828	796	551	551	366	293	471
10	Public Utility District	1116	1116	1063	1127	1299	1461	1459	1328	1209	1140	1140	1129	1111	1157
11	**Slice Right to Power**	**2318**	**1805**	**1797**	**1915**	**2521**	**2515**	**2238**	**2034**	**2230**	**1799**	**1543**	**2587**	**2340**	**2084**
12	Municipality	778	606	603	643	847	844	751	683	749	604	518	869	786	700
13	Public Utility District	1539	1199	1194	1272	1675	1670	1486	1351	1481	1195	1025	1718	1554	1385
14	**Tier 1 Block**	**11.7**	**11.7**	**24.2**	**10.2**	**46.2**	**40.5**	**57.0**	**55.8**	**47.8**	**3.10**	**3.10**	**0**	**0**	**11.4**
15	Public Utility District	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2570	2570	2375	2415	2712	3058	3023	2848	2603	2535	2535	2466	2504	2663
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	173	173	161	185	200	230	224	209	235	209	209	183	171	178
21	Municipality	2087	1915	1983	1999	2545	2709	2645	2472	2427	1968	1882	1972	1834	1995
22	Public Utility District	3489	3149	3126	3441	4204	4487	4331	3996	3929	3442	3271	3744	3480	3377
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9281**	**8768**	**8517**	**8788**	**10254**	**11151**	**10849**	**10167**	**9934**	**8958**	**8702**	**9266**	**8922**	**9187**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4419**	**4419**	**4180**	**4477**	**5069**	**5666**	**5656**	**5369**	**4937**	**4700**	**4700**	**4322**	**4284**	**4529**
4	Cooperative	2589	2589	2391	2441	2739	3085	3052	2900	2630	2561	2561	2492	2529	2689
5	Municipality	827	827	775	807	934	1030	1027	969	888	817	817	743	762	831
6	Public Utility District	831	831	854	1043	1195	1327	1340	1273	1200	1112	1112	904	821	830
7	Federal Entities	173	173	161	185	201	224	237	227	219	209	209	183	172	179
8	**Slice Block**	**1622**	**1622**	**1692**	**1670**	**2056**	**2286**	**2315**	**2066**	**1990**	**1679**	**1679**	**1484**	**1393**	**1616**
9	Municipality	492	492	615	551	767	837	867	793	790	547	547	363	290	467
10	Public Utility District	1130	1130	1077	1119	1289	1450	1448	1273	1200	1132	1132	1121	1103	1149
11	**Slice Right to Power**	**2295**	**1800**	**1785**	**1905**	**2531**	**2511**	**2240**	**2032**	**2212**	**1798**	**1559**	**2952**	**2661**	**2113**
12	Municipality	771	604	599	640	850	843	752	682	743	604	523	991	894	709
13	Public Utility District	1525	1195	1186	1266	1681	1668	1488	1350	1469	1194	1036	1961	1768	1404
14	**Tier 1 Block**	**11.7**	**11.7**	**24.2**	**10.6**	**47.9**	**42.0**	**59.1**	**55.9**	**49.6**	**3.21**	**3.21**	**0**	**0**	**11.8**
15	Public Utility District	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2589	2589	2391	2441	2739	3085	3052	2900	2630	2561	2561	2492	2529	2689
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	173	173	161	185	201	224	237	227	219	209	209	183	172	179
21	Municipality	2089	1923	1989	1998	2550	2710	2647	2445	2421	1968	1888	2098	1945	2007
22	Public Utility District	3497	3168	3141	3438	4213	4487	4336	3951	3920	3442	3283	3986	3693	3395
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9309**	**8813**	**8556**	**8811**	**10297**	**11173**	**10897**	**10165**	**9929**	**8985**	**8746**	**9659**	**9272**	**9244**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4457**	**4457**	**4217**	**4501**	**5106**	**5705**	**5685**	**5394**	**4963**	**4715**	**4715**	**4345**	**4306**	**4548**
4	Cooperative	2614	2614	2415	2455	2754	3102	3068	2913	2645	2575	2575	2506	2543	2704
5	Municipality	833	833	781	811	939	1035	1033	975	893	822	822	747	766	836
6	Public Utility District	836	836	860	1048	1200	1333	1346	1279	1206	1117	1117	908	826	835
7	Federal Entities	173	173	161	186	213	235	238	228	220	201	201	184	171	174
8	**Slice Block**	**1610**	**1610**	**1680**	**1704**	**2098**	**2333**	**2363**	**2184**	**2031**	**1714**	**1714**	**1515**	**1422**	**1649**
9	Municipality	488	488	610	563	782	854	885	838	806	559	559	371	296	477
10	Public Utility District	1122	1122	1070	1142	1316	1480	1478	1345	1225	1155	1155	1144	1126	1172
11	**Slice Right to Power**	**2320**	**1807**	**1800**	**1917**	**2524**	**2517**	**2240**	**2036**	**2232**	**1801**	**1545**	**2588**	**2342**	**2085**
12	Municipality	779	607	604	644	847	845	752	684	749	605	519	869	786	700
13	Public Utility District	1541	1200	1195	1273	1676	1672	1488	1352	1483	1196	1026	1719	1556	1385
14	**Tier 1 Block**	**12.1**	**12.1**	**25.1**	**10.3**	**46.4**	**40.8**	**57.4**	**56.2**	**48.1**	**3.12**	**3.12**	**0**	**0**	**11.5**
15	Public Utility District	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2614	2614	2415	2455	2754	3102	3068	2913	2645	2575	2575	2506	2543	2704
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	173	173	161	186	213	235	238	228	220	201	201	184	171	174
21	Municipality	2100	1928	1995	2018	2568	2734	2670	2497	2449	1985	1899	1988	1849	2013
22	Public Utility District	3511	3171	3150	3473	4239	4525	4369	4032	3961	3472	3302	3772	3507	3403
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9360**	**8848**	**8595**	**8881**	**10368**	**11262**	**10971**	**10313**	**10014**	**9039**	**8783**	**9350**	**9004**	**9268**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4474**	**4474**	**4241**	**4529**	**5137**	**5737**	**5718**	**5428**	**4993**	**4743**	**4743**	**4373**	**4333**	**4576**
4	Cooperative	2629	2629	2429	2471	2771	3120	3087	2933	2661	2591	2591	2521	2559	2720
5	Municipality	838	838	785	818	946	1043	1041	982	900	828	828	754	773	843
6	Public Utility District	841	841	864	1053	1206	1338	1352	1284	1211	1122	1122	913	830	839
7	Federal Entities	166	166	163	186	214	235	239	229	221	202	202	184	172	174
8	**Slice Block**	**1643**	**1643**	**1714**	**1668**	**2053**	**2284**	**2313**	**2138**	**1988**	**1677**	**1677**	**1483**	**1392**	**1614**
9	Municipality	498	498	623	551	766	836	866	821	789	547	547	363	290	467
10	Public Utility District	1145	1145	1091	1117	1288	1448	1447	1317	1199	1130	1130	1120	1102	1147
11	**Slice Right to Power**	**2296**	**1801**	**1786**	**1902**	**2526**	**2506**	**2235**	**2026**	**2208**	**1795**	**1556**	**2950**	**2659**	**2110**
12	Municipality	771	605	600	639	848	841	750	680	741	603	523	991	893	708
13	Public Utility District	1525	1196	1187	1263	1678	1664	1484	1346	1467	1192	1034	1960	1766	1401
14	**Tier 1 Block**	**11.8**	**11.8**	**24.3**	**10.4**	**47.2**	**41.5**	**58.4**	**57.1**	**48.9**	**3.17**	**3.17**	**0**	**0**	**11.7**
15	Public Utility District	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2629	2629	2429	2471	2771	3120	3087	2933	2661	2591	2591	2521	2559	2720
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	166	166	163	186	214	235	239	229	221	202	202	184	172	174
21	Municipality	2107	1941	2008	2008	2560	2720	2658	2484	2431	1978	1898	2108	1956	2019
22	Public Utility District	3523	3193	3166	3444	4219	4493	4341	4004	3925	3448	3290	3993	3698	3399
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9387**	**8891**	**8640**	**8858**	**10357**	**11235**	**10950**	**10292**	**9978**	**9024**	**8786**	**9708**	**9317**	**9286**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4503**	**4503**	**4269**	**4556**	**5166**	**5769**	**5750**	**5426**	**5022**	**4770**	**4770**	**4399**	**4359**	**4603**
4	Cooperative	2646	2646	2444	2487	2788	3138	3106	2926	2679	2608	2608	2537	2574	2737
5	Municipality	846	846	792	824	953	1050	1047	985	905	833	833	759	778	849
6	Public Utility District	845	845	868	1058	1211	1344	1357	1289	1216	1127	1127	918	834	843
7	Federal Entities	167	167	163	187	214	236	240	226	221	202	202	185	172	175
8	**Slice Block**	**1608**	**1608**	**1678**	**1706**	**2100**	**2336**	**2366**	**2186**	**2033**	**1716**	**1716**	**1518**	**1424**	**1651**
9	Municipality	488	488	610	564	783	855	886	840	807	560	560	372	297	478
10	Public Utility District	1121	1121	1068	1142	1317	1481	1480	1347	1226	1156	1156	1145	1127	1173
11	**Slice Right to Power**	**2316**	**1804**	**1796**	**1913**	**2519**	**2511**	**2234**	**2030**	**2228**	**1798**	**1542**	**2586**	**2339**	**2082**
12	Municipality	778	606	603	642	846	843	750	682	748	604	518	868	785	699
13	Public Utility District	1538	1198	1193	1271	1673	1668	1484	1349	1480	1195	1024	1718	1554	1383
14	**Tier 1 Block**	**12.0**	**12.0**	**24.8**	**10.6**	**48.0**	**42.2**	**59.3**	**58.1**	**49.7**	**3.22**	**3.22**	**0**	**0**	**11.9**
15	Public Utility District	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2646	2646	2444	2487	2788	3138	3106	2926	2679	2608	2608	2537	2574	2737
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	167	167	163	187	214	236	240	226	221	202	202	185	172	175
21	Municipality	2111	1939	2005	2030	2582	2748	2683	2506	2460	1996	1910	1999	1861	2026
22	Public Utility District	3516	3176	3154	3482	4250	4536	4380	4042	3972	3481	3311	3781	3515	3411
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9401**	**8889**	**8641**	**8935**	**10427**	**11325**	**11034**	**10342**	**10072**	**9093**	**8837**	**9403**	**9055**	**9322**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4531**	**4531**	**4295**	**4581**	**5193**	**5798**	**5774**	**5478**	**5046**	**4794**	**4794**	**4421**	**4381**	**4629**
4	Cooperative	2663	2663	2460	2503	2805	3157	3124	2968	2695	2623	2623	2552	2589	2754
5	Municipality	851	851	797	827	956	1054	1047	984	908	835	835	761	781	852
6	Public Utility District	850	850	873	1063	1216	1350	1362	1295	1221	1132	1132	922	839	848
7	Federal Entities	167	167	164	188	215	237	241	230	222	203	203	186	173	175
8	**Slice Block**	**1645**	**1645**	**1716**	**1657**	**2040**	**2269**	**2297**	**2050**	**1974**	**1667**	**1667**	**1475**	**1385**	**1603**
9	Municipality	499	499	624	549	762	832	863	789	786	545	545	362	290	466
10	Public Utility District	1146	1146	1092	1108	1278	1437	1434	1260	1188	1122	1122	1113	1095	1138
11	**Slice Right to Power**	**2293**	**1797**	**1783**	**1902**	**2526**	**2506**	**2234**	**2026**	**2208**	**1795**	**1556**	**2950**	**2659**	**2110**
12	Municipality	770	603	599	639	848	841	750	680	741	603	523	991	893	708
13	Public Utility District	1523	1194	1184	1263	1678	1664	1484	1346	1467	1192	1034	1960	1766	1401
14	**Tier 1 Block**	**12.2**	**12.2**	**25.2**	**10.3**	**46.4**	**40.7**	**57.3**	**54.2**	**48.0**	**3.11**	**3.11**	**0**	**0**	**11.5**
15	Public Utility District	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2663	2663	2460	2503	2805	3157	3124	2968	2695	2623	2623	2552	2589	2754
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	167	167	164	188	215	237	241	230	222	203	203	186	173	175
21	Municipality	2120	1954	2020	2015	2567	2728	2661	2454	2435	1983	1903	2114	1963	2026
22	Public Utility District	3530	3201	3174	3445	4219	4492	4339	3955	3924	3449	3291	3995	3699	3398
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9442**	**8946**	**8692**	**8899**	**10400**	**11280**	**10989**	**10250**	**10016**	**9064**	**8825**	**9748**	**9358**	**9327**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4555**	**4555**	**4317**	**4604**	**5219**	**5826**	**5805**	**5507**	**5071**	**4817**	**4817**	**4444**	**4403**	**4652**
4	Cooperative	2679	2679	2475	2515	2818	3171	3138	2979	2708	2635	2635	2564	2600	2766
5	Municipality	854	854	800	834	965	1063	1059	998	915	842	842	768	787	859
6	Public Utility District	854	854	877	1067	1221	1354	1367	1299	1225	1136	1136	926	842	851
7	Federal Entities	168	168	165	189	216	238	242	231	223	204	204	186	173	176
8	**Slice Block**	**1599**	**1599**	**1667**	**1709**	**2104**	**2341**	**2370**	**2190**	**2036**	**1719**	**1719**	**1522**	**1428**	**1654**
9	Municipality	487	487	607	566	785	857	888	842	809	561	561	374	299	480
10	Public Utility District	1112	1112	1059	1144	1319	1484	1481	1348	1227	1158	1158	1148	1129	1174
11	**Slice Right to Power**	**2316**	**1804**	**1758**	**1875**	**2481**	**2472**	**2195**	**1992**	**2190**	**1760**	**1504**	**2547**	**2301**	**2043**
12	Municipality	778	606	590	629	833	830	737	669	735	591	505	855	773	686
13	Public Utility District	1538	1198	1168	1245	1648	1642	1458	1323	1454	1169	999	1692	1528	1357
14	**Tier 1 Block**	**11.8**	**11.8**	**24.3**	**10.2**	**46.2**	**40.6**	**57.1**	**55.9**	**47.9**	**3.10**	**3.10**	**0**	**0**	**11.4**
15	Public Utility District	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2679	2679	2475	2515	2818	3171	3138	2979	2708	2635	2635	2564	2600	2766
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	168	168	165	189	216	238	242	231	223	204	204	186	173	176
21	Municipality	2118	1946	1998	2029	2582	2750	2684	2509	2459	1994	1908	1997	1859	2025
22	Public Utility District	3516	3176	3129	3466	4234	4521	4364	4025	3955	3466	3296	3766	3499	3394
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9442**	**8930**	**8640**	**8947**	**10444**	**11347**	**11053**	**10387**	**10084**	**9104**	**8848**	**9414**	**9065**	**9334**

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Exhibit 15
Table A-7: Regional Regulated Hydro

Monthly 120-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-7: Regional: Regulated Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-4941	-7731	-7744	-6669	-5470	-5968	-7424	-8492	-7274	-8266	-9310	-4131	-5864	-7136
2	Albeni Falls	39.7	42.8	43.8	40.1	27.9	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	41.7
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4255	4392	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.1	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	143	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	348	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.43	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	391	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	193	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	56.4	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	132	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	11078	8473	8218	8893	11301	11452	10357	9550	10186	8328	7362	12863	11711	9925
60	Investor Owned Utilities	4309	4238	4063	4185	4298	4303	4377	4263	4197	4137	4075	4450	4579	4553
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2180	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2295	2295	2173	2183	2192	2234	2219	2174	2164	2175	2220	2303	2303	2293
64	**Total Regulated Hydro**	**20765**	**18028**	**17446**	**18182**	**20662**	**20952**	**19880**	**18630**	**19151**	**17263**	**16304**	**22380**	**21865**	**19756**

Table A-7: Regional: Regulated Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5166	-7436	-7503	-6616	-5488	-5940	-7420	-8470	-7187	-8050	-8823	-4004	-5926	-7243
2	Albeni Falls	40.4	40.4	46.6	40.1	24.5	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	43.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	868	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	897	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	10861	8787	8462	8946	11280	11480	10361	9572	10272	8704	7849	12990	11648	9820
60	Investor Owned Utilities	4309	4238	3970	4185	4298	4303	4377	4263	4197	4137	4075	4450	4579	4553
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2295	2295	2154	2183	2192	2234	2219	2174	2164	2175	2220	2303	2303	2293
64	**Total Regulated Hydro**	**20549**	**18342**	**17581**	**18234**	**20641**	**20980**	**19883**	**18652**	**19238**	**17639**	**16790**	**22507**	**21803**	**19651**

Table A-7: Regional: Regulated Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5249	-7453	-7552	-6670	-5462	-5963	-7419	-8486	-7268	-8240	-9283	-4145	-5858	-7169
2	Albeni Falls	37.2	37.2	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	10776	8766	8415	8891	11306	11457	10362	9556	10191	8354	7388	12849	11717	9893
60	Investor Owned Utilities	4309	4238	3970	4185	4298	4303	4377	4263	4197	4137	4075	4450	4579	4553
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2295	2295	2154	2183	2192	2234	2219	2174	2164	2175	2220	2303	2303	2293
64	**Total Regulated Hydro**	**20463**	**18321**	**17534**	**18180**	**20667**	**20957**	**19885**	**18636**	**19157**	**17289**	**16330**	**22366**	**21871**	**19724**

Table A-7: Regional: Regulated Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5191	-7431	-7499	-6610	-5484	-5935	-7415	-8466	-7181	-8220	-9334	-4511	-6042	-7274
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	10839	8794	8467	8952	11285	11485	10366	9576	10278	8374	7338	12483	11533	9787
60	Investor Owned Utilities	4309	4238	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2295	2295	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**20526**	**18348**	**17586**	**18240**	**20646**	**20985**	**19889**	**18656**	**19244**	**17309**	**16279**	**22000**	**21687**	**19618**

Table A-7: Regional: Regulated Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5278	-7452	-7547	-6658	-5458	-5958	-7414	-8482	-7264	-8236	-9280	-4144	-5854	-7165
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	10751	8772	8419	8904	11310	11462	10367	9560	10195	8358	7392	12850	11720	9897
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**20439**	**18327**	**17538**	**18192**	**20672**	**20962**	**19890**	**18640**	**19161**	**17293**	**16333**	**22367**	**21875**	**19728**

Table A-7: Regional: Regulated Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5187	-7427	-7496	-6607	-5479	-5951	-7432	-8483	-7200	-8239	-9352	-4517	-6059	-7293
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	10842	8798	8470	8955	11289	11469	10349	9559	10260	8355	7319	12477	11516	9769
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**20530**	**18352**	**17589**	**18244**	**20650**	**20969**	**19872**	**18639**	**19225**	**17291**	**16261**	**21994**	**21671**	**19600**

Table A-7: Regional: Regulated Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5296	-7470	-7565	-6676	-5475	-5976	-7431	-8500	-7282	-8265	-9308	-4140	-5873	-7183
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	10733	8754	8401	8886	11293	11444	10349	9542	10178	8329	7363	12854	11702	9878
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**20421**	**18309**	**17520**	**18174**	**20654**	**20945**	**19872**	**18622**	**19143**	**17265**	**16305**	**22371**	**21856**	**19709**

Table A-7: Regional: Regulated Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5205	-7445	-7514	-6625	-5497	-5948	-7428	-8479	-7196	-8245	-9359	-4504	-6056	-7289
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	10825	8780	8452	8937	11271	11471	10353	9563	10263	8349	7313	12491	11519	9773
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**20512**	**18334**	**17571**	**18226**	**20632**	**20972**	**19876**	**18643**	**19229**	**17284**	**16254**	**22008**	**21673**	**19603**

Table A-7: Regional: Regulated Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5292	-7466	-7562	-6791	-5676	-6013	-7461	-8483	-7248	-8315	-9338	-4243	-6015	-7356
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	10737	8758	8405	8889	11297	11448	10353	9546	10181	8343	7377	12848	11706	9882
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**20425**	**18313**	**17524**	**18178**	**20658**	**20949**	**19876**	**18626**	**19147**	**17278**	**16318**	**22364**	**21860**	**19713**

Table A-7: Regional: Regulated Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5193	-7403	-7529	-7081	-5868	-6425	-7809	-8666	-7537	-8703	-9906	-4998	-6779	-8059
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4571	5182	5302	5426	5297	5170	4462	4375	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	10828	8783	8455	8940	11274	11475	10357	9567	10266	8362	7326	12484	11522	9776
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**20516**	**18338**	**17574**	**18229**	**20635**	**20975**	**19879**	**18647**	**19232**	**17297**	**16267**	**22000**	**21676**	**19606**

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Exhibit 16
Table A-8: Regional Independent Hydro

Monthly 120-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-8: Regional: Independent Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1338**	**1246**	**1507**	**1792**	**1808**	**1993**	**2039**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Independent Hydro														
1	American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2	Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3	Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4	Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5	Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6	Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7	Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8	Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9	Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10	Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11	Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12	Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13	Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14	Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15	Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16	CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17	Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18	Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19	Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20	Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21	Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22	Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23	Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24	Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25	Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26	Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27	Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28	Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29	Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30	Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31	Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32	Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33	Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34	Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35	Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36	Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37	Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38	Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39	John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40	Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41	Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42	Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43	Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44	Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45	Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46	Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47	McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48	Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49	Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50	Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51	Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52	Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53	North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54	Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55	Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56	Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57	Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58	Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1338**	**1246**	**1507**	**1792**	**1808**	**1993**	**2039**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1338**	**1246**	**1507**	**1792**	**1808**	**1993**	**2039**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Independent Hydro														
1	American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2	Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3	Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4	Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5	Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6	Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7	Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8	Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9	Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10	Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11	Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12	Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13	Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14	Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15	Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16	CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17	Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18	Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19	Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20	Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21	Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22	Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23	Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24	Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25	Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26	Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27	Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28	Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29	Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30	Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31	Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32	Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33	Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34	Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35	Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36	Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37	Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38	Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39	John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40	Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41	Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42	Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43	Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44	Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45	Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46	Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47	McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48	Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49	Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50	Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51	Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52	Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53	North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54	Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55	Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56	Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57	Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58	Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1338**	**1246**	**1507**	**1792**	**1808**	**1993**	**2039**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1338**	**1246**	**1507**	**1792**	**1808**	**1993**	**2039**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	715	735	740	790	794	768	759	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1258**	**1166**	**1427**	**1712**	**1728**	**1913**	**1959**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	403	378	254	223	199	349	596	609	753	790	504
86	Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87	Municipality	125	126	132	160	160	186	187	196	200	184	184	229	238	191
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1572**	**1434**	**1387**	**1314**	**1258**	**1166**	**1427**	**1712**	**1728**	**1913**	**1959**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Independent Hydro														
1	American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2	Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3	Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4	Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5	Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6	Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7	Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8	Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9	Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10	Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11	Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12	Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13	Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14	Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15	Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16	CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17	Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18	Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19	Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20	Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21	Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22	Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23	Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24	Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25	Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26	Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27	Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28	Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29	Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30	Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31	Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32	Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33	Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34	Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35	Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36	Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37	Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38	Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39	John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41	Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42	Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43	Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44	Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45	Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46	Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47	McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48	Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49	Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50	Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51	Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52	Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53	North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54	Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55	Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56	Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57	Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58	Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86	Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87	Municipality	135	136	143	160	160	186	187	196	200	184	184	229	238	191
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1572**	**1434**	**1387**	**1314**	**1258**	**1166**	**1427**	**1712**	**1728**	**1913**	**1959**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Independent Hydro														
1	American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2	Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3	Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4	Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5	Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6	Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7	Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8	Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9	Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10	Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11	Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12	Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13	Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14	Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15	Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16	CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17	Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18	Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19	Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20	Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21	Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22	Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23	Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24	Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25	Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26	Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27	Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28	Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29	Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30	Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31	Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32	Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33	Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34	Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35	Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36	Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37	Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38	Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39	John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41	Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42	Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43	Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44	Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45	Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46	Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47	McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48	Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49	Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50	Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51	Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52	Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53	North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54	Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55	Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56	Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57	Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58	Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86	Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87	Municipality	135	136	145	162	161	188	189	198	203	189	189	242	261	204
88	Public Utility District	144	149	130	129	128	126	126	28.1	128	129	129	139	138	138
89	**Total Independent Hydro**	**1509**	**1508**	**1572**	**1434**	**1387**	**1314**	**1258**	**1166**	**1427**	**1712**	**1728**	**1913**	**1959**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86	Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87	Municipality	139	146	145	162	161	188	189	198	203	189	189	242	261	204
88	Public Utility District	140	139	130	129	128	126	126	28.1	128	129	129	139	138	138
89	**Total Independent Hydro**	**1509**	**1508**	**1572**	**1434**	**1387**	**1314**	**1258**	**1166**	**1427**	**1712**	**1728**	**1913**	**1959**	**1627**

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Exhibit 17
Federal Report Surplus Deficit By Water Year
80 Water Year Federal Surplus/Deficit

Monthly 120-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Federal Report Surplus Deficit By Water Year

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	1120	634	280	674	823	267	300	338	838	-465	910	2511	3367	-370
2	1930 Federal Report Surplus Deficit	412	-447	328	778	913	321	-1027	512	772	567	2364	2474	877	1672
3	1931 Federal Report Surplus Deficit	868	-531	-380	726	1041	379	-874	-702	404	-593	-1704	3480	1179	1962
4	1932 Federal Report Surplus Deficit	744	-439	236	561	489	297	-1087	-951	2709	4165	4387	5127	5386	3173
5	1933 Federal Report Surplus Deficit	1843	1123	677	911	969	1178	3241	3431	3400	1335	2461	4379	5805	3986
6	1934 Federal Report Surplus Deficit	3130	2151	597	1448	3564	4337	4407	4549	4681	4574	4419	4720	4350	2209
7	1935 Federal Report Surplus Deficit	457	-551	-332	838	677	186	3115	2940	3111	1166	2551	3915	3938	3216
8	1936 Federal Report Surplus Deficit	2664	85.9	182	625	779	293	-733	146	1117	638	3871	5113	5162	1855
9	1937 Federal Report Surplus Deficit	1149	-604	28.0	523	995	328	-553	-541	579	-165	-822	3246	2670	435
10	1938 Federal Report Surplus Deficit	932	-641	-347	800	768	1054	2325	2867	3839	3076	4599	4987	4704	3093
11	1939 Federal Report Surplus Deficit	1046	-265	571	925	678	193	993	985	2208	1670	3469	4392	2418	1551
12	1940 Federal Report Surplus Deficit	378	-767	-115	999	1425	753	608	484	3965	2019	3761	4516	2592	1130
13	1941 Federal Report Surplus Deficit	383	-974	-537	667	910	603	71.3	242	1761	-659	900	3494	2553	1916
14	1942 Federal Report Surplus Deficit	653	-705	-136	667	1325	1970	2095	88.0	2200	671	2685	3951	4734	3455
15	1943 Federal Report Surplus Deficit	2025	696	959	606	680	398	3429	3585	3603	4747	4663	4635	5786	4025
16	1944 Federal Report Surplus Deficit	1650	181	274	680	958	210	330	405	441	-364	985	1780	275	893
17	1945 Federal Report Surplus Deficit	561	-1162	-756	933	797	250	-739	-53.7	627	-414	-1584	4507	4858	64.3
18	1946 Federal Report Surplus Deficit	1316	-148	-72.5	679	1045	1042	1952	1610	4007	3479	4621	5123	4475	3574
19	1947 Federal Report Surplus Deficit	2759	1829	710	600	1408	3638	4052	4265	4243	2714	3164	4984	4719	3288
20	1948 Federal Report Surplus Deficit	2558	1347	611	3105	2884	2288	3892	3704	3134	1988	4051	5288	5774	3783
21	1949 Federal Report Surplus Deficit	3259	2875	1048	911	1285	822	1939	1028	4421	2558	4469	5209	5008	395
22	1950 Federal Report Surplus Deficit	-93.0	-1046	-314	748	700	895	3856	4111	4629	3681	3884	4963	5758	4158
23	1951 Federal Report Surplus Deficit	2910	1875	724	1641	3157	3718	4465	4891	4867	4081	4207	5057	4836	3770
24	1952 Federal Report Surplus Deficit	3143	971	579	2573	2204	2319	3755	3770	3749	3837	4754	5257	5012	3187
25	1953 Federal Report Surplus Deficit	2128	650	-187	572	835	317	1353	2787	3064	646	2396	4906	5835	3514
26	1954 Federal Report Surplus Deficit	1922	849	614	845	1531	1580	3743	4329	3947	2209	3238	5029	5432	4103
27	1955 Federal Report Surplus Deficit	3400	3552	2829	967	2318	1624	1309	809	1064	329	1935	4261	5796	4136
28	1956 Federal Report Surplus Deficit	3168	1836	345	1155	2777	3651	4471	4865	4797	3592	4698	5267	5766	3825
29	1957 Federal Report Surplus Deficit	3108	2337	633	1084	1248	1814	2251	417	4024	3568	3132	5232	5715	3061
30	1958 Federal Report Surplus Deficit	2011	-142	413	705	1056	780	2459	2985	3406	1713	3929	5212	5503	2252
31	1959 Federal Report Surplus Deficit	1814	-236	218	763	1995	3243	4310	4598	4370	3026	2930	4694	5512	3943
32	1960 Federal Report Surplus Deficit	3301	2879	2980	3888	3604	2996	3113	2643	3621	4959	4110	4333	5261	3070
33	1961 Federal Report Surplus Deficit	2161	-28.2	311	917	1181	1077	2797	3811	4170	3329	2594	5026	5592	2841
34	1962 Federal Report Surplus Deficit	2016	451	114	578	1126	672	2699	2564	1674	3843	4661	4960	4512	2698
35	1963 Federal Report Surplus Deficit	1959	992	18.9	1262	2297	2889	3209	2354	2111	734	2852	4577	5268	2892
36	1964 Federal Report Surplus Deficit	1832	335	852	674	999	1039	1362	1504	1800	2700	1962	4667	5836	4017
37	1965 Federal Report Surplus Deficit	3122	2440	1381	1641	1983	3797	4492	4905	4492	1952	4495	5119	5105	3024
38	1966 Federal Report Surplus Deficit	2817	2284	21.4	1089	1427	1324	2118	2188	2087	3866	3039	3727	4329	3237
39	1967 Federal Report Surplus Deficit	2606	154	413	534	1033	1447	4164	4410	4057	1422	480	4210	5617	3866
40	1968 Federal Report Surplus Deficit	2864	1731	710	858	1749	1326	3286	3512	3701	172	1530	3358	5097	3476
41	1969 Federal Report Surplus Deficit	2730	1658	1796	1712	2839	2362	4450	4522	3847	3801	4526	5250	5277	3338
42	1970 Federal Report Surplus Deficit	2432	1156	601	846	1366	512	2447	2534	2870	873	1998	4586	5550	2199
43	1971 Federal Report Surplus Deficit	1113	-79.7	175	574	998	1007	4493	4712	4936	3484	4219	5234	5786	3807
44	1972 Federal Report Surplus Deficit	3267	3253	903	1192	1415	1669	4315	4903	5289	4897	3689	5252	5718	4018
45	1973 Federal Report Surplus Deficit	3293	3301	1129	1060	1502	1228	2439	923	1783	-649	1023	3442	2031	1042
46	1974 Federal Report Surplus Deficit	679	-974	-475	725	1006	2293	4470	4682	5089	4150	4588	5178	5762	4245
47	1975 Federal Report Surplus Deficit	3224	3309	1111	562	1009	490	3038	3037	3531	650	1849	4968	5738	4006
48	1976 Federal Report Surplus Deficit	2799	1981	1133	1938	3134	4239	4412	4646	4348	3992	4257	5240	5258	3893
49	1977 Federal Report Surplus Deficit	3455	3665	3394	1166	1113	151	439	674	694	-694	873	1686	-231	629
50	1978 Federal Report Surplus Deficit	316	-816	-1029	198	668	2156	2202	1994	3391	3661	3091	4820	4101	3213
51	1979 Federal Report Surplus Deficit	2238	999	1888	1266	1422	358	679	1380	3331	660	2395	4841	3825	424
52	1980 Federal Report Surplus Deficit	152	-828	289	546	909	45.0	1568	242	1886	1093	3667	5249	5202	1980
53	1981 Federal Report Surplus Deficit	516	-1054	414	843	1150	2810	3698	4121	2166	-441	2529	5061	5599	3629
54	1982 Federal Report Surplus Deficit	3375	2803	792	856	1696	1207	3472	4896	5036	3730	3557	5084	5789	4152

Federal Report Surplus Deficit By Water Year

Operating Year 2016

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3304	3132	1847	1807	1806	1844	3853	3855	5040	2920	3303	4887	5349	3692
56	1984 Federal Report Surplus Deficit	3014	1378	1019	947	3328	2231	3405	3634	4160	4051	4477	4963	5772	3677
57	1985 Federal Report Surplus Deficit	2815	808	1022	1019	1703	1270	2068	1591	2072	2009	3937	5035	4143	-701
58	1986 Federal Report Surplus Deficit	-342	-1058	56.2	963	2256	1524	2670	3938	5176	4068	4448	4355	4876	2661
59	1987 Federal Report Surplus Deficit	1402	-404	11.1	564	1232	1416	1059	444	3105	-143	1805	4336	3521	961
60	1988 Federal Report Surplus Deficit	-152	-1108	-388	600	706	31.9	-438	-671	465	-190	1708	3319	3081	1875
61	1989 Federal Report Surplus Deficit	977	-411	-337	674	899	882	-504	-443	2743	3029	4521	4376	3835	1604
62	1990 Federal Report Surplus Deficit	30.4	-764	-75.5	722	1420	1920	3434	3243	3641	1570	4371	4363	5266	2952
63	1991 Federal Report Surplus Deficit	2623	1247	283	513	3112	2620	4054	4133	3351	2693	2819	4668	4991	3781
64	1992 Federal Report Surplus Deficit	3302	2055	322	630	1007	44.5	426	892	2124	-643	1140	3620	2664	790
65	1993 Federal Report Surplus Deficit	429	-799	-1089	696	993	499	-951	-929	1924	765	1358	4674	4224	2210
66	1994 Federal Report Surplus Deficit	1470	67.5	418	738	1198	712	-606	-133	640	-280	1693	3985	3725	1569
67	1995 Federal Report Surplus Deficit	816	-685	-334	656	616	598	-69.0	3174	3465	2361	2311	4623	5304	2595
68	1996 Federal Report Surplus Deficit	1090	-186	946	1685	3695	4336	4480	4898	5215	3707	4719	5131	5359	3844
69	1997 Federal Report Surplus Deficit	3228	2297	674	763	1585	2345	4524	4715	5086	4071	4715	5181	5745	3936
70	1998 Federal Report Surplus Deficit	3177	3252	1808	3341	2763	1275	1873	3024	2785	439	2999	5168	5635	3132
71	1999 Federal Report Surplus Deficit	2959	1986	433	658	966	1742	4353	4733	4895	2683	4147	4796	5623	4046
72	2000 Federal Report Surplus Deficit	3495	3371	1103	930	3398	2898	2901	2868	3805	3677	4520	5016	3401	2931
73	2001 Federal Report Surplus Deficit	2299	-742	48.3	772	797	280	285	388	1111	-481	890	2671	-367	1215
74	2002 Federal Report Surplus Deficit	648	-1080	-964	57.1	638	461	-386	447	1223	3144	4345	4366	5502	3797
75	2003 Federal Report Surplus Deficit	1650	476	31.7	705	1142	550	-349	581	3653	1466	2702	4254	4972	1417
76	2004 Federal Report Surplus Deficit	-239	-771	-377	830	2014	662	-192	48.0	1995	1018	2501	4189	4455	1685
77	2005 Federal Report Surplus Deficit	-7.78	-696	1257	1145	1424	1583	1915	2238	1798	-153	1652	4287	4012	2351
78	2006 Federal Report Surplus Deficit	1228	-270	200	551	1328	1311	2748	3093	3787	4459	4590	5093	5459	3027
79	2007 Federal Report Surplus Deficit	1946	-785	-287	583	1167	1388	3035	1355	4685	3124	2820	4749	3541	3146
80	2008 Federal Report Surplus Deficit	871	-595	-523	687	1647	347	1035	772	2259	1043	674	4934	5847	3332

Ranked Averages

81	**Bottom 10 pct**	**-41.9**	**-886**	**-72.7**	**719**	**1262**	**1102**	**1877**	**1893**	**2873**	**1844**	**3165**	**4443**	**4594**	**2609**
82	**Middle 80 pct**	**1893**	**562**	**342**	**950**	**1471**	**1434**	**2199**	**2388**	**3124**	**2088**	**2980**	**4574**	**4640**	**2737**
83	**Top 10 pct**	**3366**	**3095**	**1799**	**1413**	**2055**	**1499**	**2244**	**2195**	**2896**	**1704**	**2558**	**4041**	**3757**	**2555**

Federal Report Surplus Deficit By Water Year

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	1160	921	579	837	878	401	384	298	988	-424	913	1630	2619	-480
2	1930 Federal Report Surplus Deficit	1153	69.7	867	938	998	457	-1013	474	932	598	2392	1593	-136	1629
3	1931 Federal Report Surplus Deficit	1641	24.7	331	885	1144	505	-840	-731	599	-411	-1339	2892	308	1953
4	1932 Federal Report Surplus Deficit	956	-605	191	722	519	429	-1105	-959	2771	4071	4314	4077	4564	3393
5	1933 Federal Report Surplus Deficit	1291	1729	995	1069	1050	1279	3018	3153	3329	1384	2491	3407	4914	4454
6	1934 Federal Report Surplus Deficit	2746	2350	835	1600	3391	4043	4344	4317	4565	4460	4366	3642	3747	2131
7	1935 Federal Report Surplus Deficit	956	-352	12.8	995	694	328	2902	2721	3433	12.4	2580	3006	3226	3452
8	1936 Federal Report Surplus Deficit	2546	501	355	788	845	426	-704	110	1243	671	3955	4068	4414	1848
9	1937 Federal Report Surplus Deficit	1137	-52.8	353	687	1092	457	-485	-570	758	139	-451	2717	1935	326
10	1938 Federal Report Surplus Deficit	1332	63.3	475	960	809	756	2556	2670	3764	3024	4619	3914	3968	3291
11	1939 Federal Report Surplus Deficit	934	-245	865	1084	711	335	1055	925	2258	1758	3510	3429	1607	1498
12	1940 Federal Report Surplus Deficit	1161	-210	392	1155	1541	869	681	444	4400	1911	2888	3273	1789	1048
13	1941 Federal Report Surplus Deficit	549	-682	312	827	996	729	155	203	1827	-336	1210	2871	1837	1909
14	1942 Federal Report Surplus Deficit	890	-190	842	826	1439	2029	2053	967	2888	608	2569	2806	3307	3784
15	1943 Federal Report Surplus Deficit	2020	1082	1372	769	392	928	3176	3320	3611	4764	4747	3623	4900	4359
16	1944 Federal Report Surplus Deficit	1727	552	499	844	1036	348	412	363	636	-328	990	1119	-830	798
17	1945 Federal Report Surplus Deficit	833	-682	138	1091	863	378	-713	-83.7	807	-370	-1561	3550	4118	11.3
18	1946 Federal Report Surplus Deficit	1497	-251	103	842	1134	1150	1934	1524	3910	3493	4646	3983	3768	3918
19	1947 Federal Report Surplus Deficit	2509	2054	947	764	1519	3560	3737	3922	4100	2702	3202	3924	3992	3544
20	1948 Federal Report Surplus Deficit	2305	1527	764	3264	2879	2327	3593	3367	3102	2040	4099	4219	4872	4178
21	1949 Federal Report Surplus Deficit	2867	2951	1313	1070	1395	939	1898	969	4290	2521	4468	4178	4232	360
22	1950 Federal Report Surplus Deficit	44.6	-847	-14.3	909	718	1005	3556	3749	4525	3686	3884	3801	4903	4540
23	1951 Federal Report Surplus Deficit	2598	2119	971	1791	3121	3636	4329	4683	4777	4077	4166	3949	4075	4198
24	1952 Federal Report Surplus Deficit	2766	1392	793	2738	2287	2357	3464	3441	3660	3885	4811	4198	4255	3412
25	1953 Federal Report Surplus Deficit	2286	1357	-0.22	736	907	449	1393	2644	3040	679	2423	3838	4955	3836
26	1954 Federal Report Surplus Deficit	1957	1166	819	1004	1646	1662	3453	3833	3919	2251	3267	3938	4654	4462
27	1955 Federal Report Surplus Deficit	3031	3381	3161	1125	2389	1697	1348	755	1195	360	1956	3317	4915	4524
28	1956 Federal Report Surplus Deficit	2802	2037	555	1312	2790	3572	4181	4566	4715	3576	4757	4179	4896	4248
29	1957 Federal Report Surplus Deficit	2760	2509	871	1241	1355	1883	2173	378	3919	3482	3170	4250	4811	3250
30	1958 Federal Report Surplus Deficit	2022	268	700	867	1154	900	2377	2781	3338	1771	3900	4215	4694	2115
31	1959 Federal Report Surplus Deficit	1144	251	469	924	2094	3208	3994	4208	4205	3003	2986	3510	4661	4368
32	1960 Federal Report Surplus Deficit	2929	2249	3400	4007	3429	2956	2914	2474	3577	4829	4081	3380	4444	3290
33	1961 Federal Report Surplus Deficit	2085	394	468	1075	1285	1182	2648	3468	4242	2476	2653	3877	4721	2996
34	1962 Federal Report Surplus Deficit	2020	780	401	742	1226	796	2583	2420	1754	3799	4655	3894	3809	2800
35	1963 Federal Report Surplus Deficit	1795	1141	201	1416	2369	2880	2664	2793	3377	668	2219	3519	4055	3074
36	1964 Federal Report Surplus Deficit	1889	434	1045	836	1085	1146	1399	1422	1870	2692	1982	3665	4950	4416
37	1965 Federal Report Surplus Deficit	2773	2583	1645	1790	2083	3703	4532	4706	4382	2024	4536	4030	4249	3218
38	1966 Federal Report Surplus Deficit	2608	2454	227	1245	1542	1412	2076	2067	2137	3784	3076	2836	3627	3483
39	1967 Federal Report Surplus Deficit	2055	561	630	696	1123	1535	3832	4021	3929	1512	465	3255	4739	4309
40	1968 Federal Report Surplus Deficit	2631	1976	919	1017	1860	1415	3049	3192	3578	202	1545	2485	4268	3800
41	1969 Federal Report Surplus Deficit	2566	2548	2050	1859	2842	2397	4360	4125	3751	3798	4527	4186	4461	3617
42	1970 Federal Report Surplus Deficit	2245	1180	773	1007	1479	642	2359	2387	2852	908	2020	3608	4680	2218
43	1971 Federal Report Surplus Deficit	1565	196	391	736	1080	1116	4219	4513	4884	3514	4253	4120	4906	4192
44	1972 Federal Report Surplus Deficit	2888	3249	1133	1349	1528	1747	4001	4690	5324	4815	3697	4131	4813	4431
45	1973 Federal Report Surplus Deficit	2895	3243	1375	1217	1617	1329	2358	865	1851	-560	1029	2566	1173	955
46	1974 Federal Report Surplus Deficit	1109	-467	136	885	1085	2320	4562	4483	5121	4220	4612	4056	4878	4560
47	1975 Federal Report Surplus Deficit	2834	3238	1330	726	1094	623	2836	2829	3516	684	1868	3853	4816	4360
48	1976 Federal Report Surplus Deficit	2625	2555	1381	2084	3096	4083	4104	4365	4215	4027	4205	4159	4434	4312
49	1977 Federal Report Surplus Deficit	3097	3436	4024	1321	1216	283	517	622	855	-485	1218	1026	-1302	526
50	1978 Federal Report Surplus Deficit	812	-550	-307	367	586	2161	2150	1887	3372	3586	3125	3664	3395	3445
51	1979 Federal Report Surplus Deficit	1426	233	1982	1420	1537	493	754	1308	3287	691	2423	3819	3110	316
52	1980 Federal Report Surplus Deficit	473	-211	581	710	992	193	1588	206	1948	1135	3695	4220	4370	2104
53	1981 Federal Report Surplus Deficit	771	-691	679	1002	1256	2790	3399	3747	3394	-490	2137	3649	4734	4054
54	1982 Federal Report Surplus Deficit	2981	2499	988	1016	1808	1307	3215	4697	5083	3688	3589	4013	4848	4441

Federal Report Surplus Deficit By Water Year

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2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	2934	3159	2083	1955	1916	1913	3559	3552	5018	2825	3331	3836	4511	4069
56	1984 Federal Report Surplus Deficit	2761	2798	1261	1106	3264	2277	3160	3302	4133	4047	4499	3924	4849	4053
57	1985 Federal Report Surplus Deficit	2618	1065	1268	1178	1817	1367	2025	1808	1823	2067	3925	3954	3438	-804
58	1986 Federal Report Surplus Deficit	-192	-860	583	1123	2335	1607	2567	3830	5215	4047	4463	3418	4109	2707
59	1987 Federal Report Surplus Deficit	1409	90.4	159	727	1337	1505	1116	403	3063	180	2161	3540	2837	870
60	1988 Federal Report Surplus Deficit	681	-856	247	761	777	180	-379	-700	1548	-201	1643	2359	1502	1851
61	1989 Federal Report Surplus Deficit	1523	97.1	458	836	969	996	-451	-473	2809	2995	4548	3404	3120	1552
62	1990 Federal Report Surplus Deficit	752	-469	411	883	1535	1975	3043	3240	3695	1661	4149	3395	4530	3113
63	1991 Federal Report Surplus Deficit	2625	1756	514	677	3079	2636	3731	3761	3299	2744	2850	3640	4207	4228
64	1992 Federal Report Surplus Deficit	2916	2266	494	792	1097	191	507	836	3366	-547	1178	2717	496	693
65	1993 Federal Report Surplus Deficit	892	-500	-5.37	855	1088	628	-947	-961	2005	798	1368	3701	3518	2226
66	1994 Federal Report Surplus Deficit	1701	485	1032	899	1308	829	-561	-165	812	44.8	2063	3269	3065	1517
67	1995 Federal Report Surplus Deficit	1364	-393	437	816	610	724	9.32	2979	4099	1028	1913	3419	4484	2678
68	1996 Federal Report Surplus Deficit	1282	264	1170	1834	3482	4042	4497	4699	5266	3698	4731	4080	4497	4272
69	1997 Federal Report Surplus Deficit	2885	2424	881	924	1701	2384	4621	4516	5135	4076	4777	4084	4848	4338
70	1998 Federal Report Surplus Deficit	2846	3245	2072	3492	2779	1374	1864	2800	2775	469	3034	4182	4763	3338
71	1999 Federal Report Surplus Deficit	2728	1478	602	821	1041	1816	3989	4404	4912	2626	4152	3758	4769	4452
72	2000 Federal Report Surplus Deficit	3110	3348	1348	1088	3305	2883	2745	2691	3721	3641	4491	3912	2655	3091
73	2001 Federal Report Surplus Deficit	2174	-288	259	933	863	414	368	346	1235	-162	1241	2205	-1522	1134
74	2002 Federal Report Surplus Deficit	889	-675	-242	224	593	593	-323	404	2583	1465	4182	3399	4700	4184
75	2003 Federal Report Surplus Deficit	790	220	574	865	1250	677	-283	536	3577	1517	2735	3294	4191	1354
76	2004 Federal Report Surplus Deficit	764	-456	112	988	2103	786	-117	14.5	3265	907	2173	3139	2941	1620
77	2005 Federal Report Surplus Deficit	190	-386	1370	1300	1539	1663	1874	2111	1861	-121	1671	3302	3304	2379
78	2006 Federal Report Surplus Deficit	1416	-72.0	561	713	1441	1405	2602	3333	3737	3840	4617	4054	4675	3188
79	2007 Federal Report Surplus Deficit	1985	-559	11.8	746	1269	1479	2843	1281	4532	3052	2855	3702	2811	3345
80	2008 Federal Report Surplus Deficit	1204	-477	-121	846	1759	483	1094	720	2294	1082	668	3882	4952	3576
	Ranked Averages														
81	**Bottom 10 pct**	**408**	**-596**	**450**	**937**	**1374**	**1017**	**1536**	**1582**	**2985**	**1347**	**2861**	**3313**	**3437**	**2528**
82	**Middle 80 pct**	**1872**	**861**	**678**	**1102**	**1523**	**1526**	**2143**	**2279**	**3235**	**2091**	**3019**	**3585**	**3831**	**2945**
83	**Top 10 pct**	**2987**	**2948**	**2109**	**1565**	**2097**	**1570**	**2146**	**2062**	**3083**	**1719**	**2609**	**3096**	**2717**	**2699**

Federal Report Surplus Deficit By Water Year

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	1063	892	377	676	880	243	342	221	788	-609	804	2694	3337	-469
2	1930 Federal Report Surplus Deficit	1055	52.6	659	780	970	297	-987	395	722	425	2247	2656	839	1588
3	1931 Federal Report Surplus Deficit	1595	4.60	125	711	1098	355	-834	-821	354	-736	-1815	3662	1142	1881
4	1932 Federal Report Surplus Deficit	851	-573	-3.95	554	545	273	-1047	-1071	2726	3958	4058	5334	5339	3103
5	1933 Federal Report Surplus Deficit	1178	1736	759	887	1022	1156	3386	3036	3392	1189	2357	4565	5769	3933
6	1934 Federal Report Surplus Deficit	3012	2420	602	1375	3525	4302	4562	4590	4564	4268	4126	4901	4439	2031
7	1935 Federal Report Surplus Deficit	849	-353	-186	810	732	162	3160	3028	3307	-176	2433	4105	3893	3147
8	1936 Federal Report Surplus Deficit	2708	471	161	629	835	269	-693	27.9	1067	496	3857	5320	5143	1767
9	1937 Federal Report Surplus Deficit	1038	-63.0	155	539	1052	304	-512	-660	529	-308	-931	3430	2636	341
10	1938 Federal Report Surplus Deficit	1256	42.7	273	794	824	607	2714	2754	3817	2904	4407	5193	4674	3022
11	1939 Federal Report Surplus Deficit	824	-239	641	894	735	169	1036	869	2161	1561	3358	4574	2383	1467
12	1940 Federal Report Surplus Deficit	1078	-222	187	964	1453	730	651	367	4476	1720	2737	4394	2557	1064
13	1941 Federal Report Surplus Deficit	439	-646	108	639	953	580	113	124	1712	-803	793	3680	2518	1835
14	1942 Federal Report Surplus Deficit	785	-198	587	619	1342	1877	2141	911	2866	435	2434	3897	3973	3372
15	1943 Federal Report Surplus Deficit	2062	1061	1112	601	737	787	3464	3480	3673	4675	4641	4840	5759	3935
16	1944 Federal Report Surplus Deficit	1696	521	299	685	1014	186	372	288	391	-507	878	1961	236	819
17	1945 Federal Report Surplus Deficit	727	-653	-63.2	904	854	226	-698	-172	576	-557	-1694	4707	4823	-35.6
18	1946 Federal Report Surplus Deficit	1422	-243	-83.0	678	1102	1020	1991	1502	3999	3377	4445	5292	4431	3507
19	1947 Federal Report Surplus Deficit	2668	2094	719	599	1444	3454	4160	4135	4067	2564	3051	5187	4685	3218
20	1948 Federal Report Surplus Deficit	2430	1522	557	3005	2797	2192	3925	3556	3077	1848	3998	5482	5754	3716
21	1949 Federal Report Surplus Deficit	3125	3118	1048	874	1329	799	1985	912	4391	2409	4268	5418	4967	295
22	1950 Federal Report Surplus Deficit	-45.3	-753	-201	737	756	872	3828	3979	4621	3617	3835	5118	5762	4094
23	1951 Federal Report Surplus Deficit	2812	2162	737	1561	3073	3537	4563	4973	4807	3965	3959	5257	4801	3705
24	1952 Federal Report Surplus Deficit	2809	1379	579	2456	2171	2226	3732	3781	3623	3737	4612	5444	4971	3117
25	1953 Federal Report Surplus Deficit	2406	1343	-185	587	892	293	1397	2650	3018	504	2292	5082	5866	3444
26	1954 Federal Report Surplus Deficit	1954	1144	612	831	1552	1536	3769	4065	3992	2058	3121	5239	5497	4006
27	1955 Federal Report Surplus Deficit	3216	3521	2923	932	2266	1571	1354	692	1014	187	1817	4450	5756	4069
28	1956 Federal Report Surplus Deficit	3082	2075	353	1119	2682	3467	4490	4864	4783	3456	4532	5456	5751	3777
29	1957 Federal Report Surplus Deficit	2897	2602	651	1032	1288	1741	2297	300	4011	3362	3019	5420	5721	2907
30	1958 Federal Report Surplus Deficit	2035	243	494	707	1113	757	2506	2851	3359	1574	3828	5419	5395	2284
31	1959 Federal Report Surplus Deficit	1047	226	267	750	1965	3066	4316	4477	4294	2942	2856	4838	5476	3882
32	1960 Federal Report Surplus Deficit	3211	2316	3200	3808	3573	2831	3104	2576	3589	4825	3907	4517	5209	2996
33	1961 Federal Report Surplus Deficit	2116	366	267	901	1232	1054	2844	3680	4322	2298	2506	5187	5582	2767
34	1962 Federal Report Surplus Deficit	2037	749	198	590	1183	649	2746	2450	1625	3687	4424	5143	4480	2624
35	1963 Federal Report Surplus Deficit	1791	1119	10.8	1214	2252	2737	2884	2907	3393	495	2075	4679	4751	2827
36	1964 Federal Report Surplus Deficit	1900	403	826	674	1055	1016	1406	1389	1751	2551	1857	4870	5795	3950
37	1965 Federal Report Surplus Deficit	3041	2699	1388	1548	1979	3628	4698	4987	4473	1887	4329	5317	5038	2954
38	1966 Federal Report Surplus Deficit	2828	2552	27.5	1057	1447	1301	2163	2074	2039	3677	2925	3912	4287	3167
39	1967 Federal Report Surplus Deficit	2087	530	424	538	1090	1425	4139	4275	4004	1316	373	4405	5603	3803
40	1968 Federal Report Surplus Deficit	2617	2008	704	832	1739	1295	3320	3370	3645	29.8	1412	3542	5049	3409
41	1969 Federal Report Surplus Deficit	2748	2668	1778	1603	2761	2267	4617	4381	3814	3687	4330	5442	5235	3268
42	1970 Federal Report Surplus Deficit	2325	1157	567	838	1409	489	2482	2420	2824	732	1880	4812	5465	2118
43	1971 Federal Report Surplus Deficit	1505	174	191	582	1055	984	4559	4793	4924	3406	4027	5419	5771	3741
44	1972 Federal Report Surplus Deficit	3152	3467	914	1160	1461	1636	4353	4985	5242	4579	3581	5417	5661	3946
45	1973 Federal Report Surplus Deficit	3129	3442	1131	1026	1536	1203	2485	806	1734	-793	917	3625	1995	954
46	1974 Federal Report Surplus Deficit	1009	-457	-64.9	722	1061	2178	4676	4763	5099	4136	4386	5382	5753	4126
47	1975 Federal Report Surplus Deficit	3114	3468	1096	575	1065	466	3063	2925	3513	509	1744	5161	5652	3927
48	1976 Federal Report Surplus Deficit	2841	2663	1121	1819	3049	4134	4450	4645	4293	3918	4007	5439	5215	3827
49	1977 Federal Report Surplus Deficit	3270	3575	3657	1125	1170	127	482	558	644	-838	767	1867	-271	563
50	1978 Federal Report Surplus Deficit	705	-534	-493	219	724	1971	2209	1897	3404	3486	2982	4988	4069	3143
51	1979 Federal Report Surplus Deficit	1356	207	1701	1208	1456	334	722	1264	3285	518	2280	5047	3792	331
52	1980 Federal Report Surplus Deficit	363	-212	378	561	966	20.7	1613	125	1838	952	3546	5438	5163	1902
53	1981 Federal Report Surplus Deficit	662	-660	469	823	1205	2631	3730	3998	3429	-675	2011	4844	5627	3572
54	1982 Federal Report Surplus Deficit	3199	2587	774	841	1703	1184	3507	4978	5041	3569	3480	5275	5704	4066

Federal Report Surplus Deficit By Water Year

Operating Year 2018

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3103	3358	1802	1708	1812	1776	3891	3771	5030	2722	3190	5107	5286	3626
56	1984 Federal Report Surplus Deficit	3029	2951	1015	937	3255	2150	3439	3489	4266	3932	4404	5194	5697	3610
57	1985 Federal Report Surplus Deficit	2788	1038	1025	996	1718	1248	2063	1796	1702	1923	3862	5231	4116	-770
58	1986 Federal Report Surplus Deficit	-273	-766	379	950	2219	1503	2717	4066	5160	3930	4347	4586	4843	2539
59	1987 Federal Report Surplus Deficit	1329	74.0	-37.3	565	1287	1391	1103	327	3059	-286	1701	4521	3488	872
60	1988 Federal Report Surplus Deficit	570	-800	50.5	601	762	7.58	-397	-790	1400	-381	1521	3412	2314	1793
61	1989 Federal Report Surplus Deficit	1462	77.6	258	672	956	859	-463	-562	2764	2886	4354	4560	3799	1528
62	1990 Federal Report Surplus Deficit	642	-446	212	724	1458	1850	3292	3395	3745	1497	4035	4553	5314	2877
63	1991 Federal Report Surplus Deficit	2805	1767	312	527	3028	2465	3995	3990	3300	2617	2758	4850	4950	3727
64	1992 Federal Report Surplus Deficit	3107	2327	275	639	1064	20.1	469	776	3378	-786	711	3464	1365	700
65	1993 Federal Report Surplus Deficit	785	-492	-203	686	1050	475	-911	-1048	1886	623	1252	4906	4190	2131
66	1994 Federal Report Surplus Deficit	1656	456	824	729	1255	689	-565	-251	590	-423	1588	4172	3693	1485
67	1995 Federal Report Surplus Deficit	1281	-387	230	649	672	575	-27.1	3068	4190	850	1774	4584	5270	2519
68	1996 Federal Report Surplus Deficit	1192	241	924	1610	3680	4319	4686	4980	5124	3605	4524	5343	5295	3786
69	1997 Federal Report Surplus Deficit	3044	2504	668	761	1617	2254	4731	4797	5100	3995	4554	5367	5689	3874
70	1998 Federal Report Surplus Deficit	3106	3466	1794	3246	2706	1253	1918	2907	2738	297	2896	5360	5562	3058
71	1999 Federal Report Surplus Deficit	2921	1464	399	670	1023	1701	4346	4687	4941	2537	4076	5015	5598	3994
72	2000 Federal Report Surplus Deficit	3317	3577	1084	922	3337	2727	2948	2755	3759	3521	4256	5203	3366	2858
73	2001 Federal Report Surplus Deficit	2220	-279	64.2	762	854	256	328	270	1062	-625	783	2854	-407	1127
74	2002 Federal Report Surplus Deficit	781	-637	-429	77.6	694	437	-345	330	2531	1262	4017	4555	5522	3699
75	2003 Federal Report Surplus Deficit	678	202	373	696	1199	526	-307	465	3602	1312	2586	4441	4937	1380
76	2004 Federal Report Surplus Deficit	652	-429	-80.9	807	1983	639	-150	-69.7	3283	731	2031	4251	3622	1585
77	2005 Federal Report Surplus Deficit	87.9	-377	1112	1099	1446	1528	1960	2124	1750	-295	1547	4468	3978	2273
78	2006 Federal Report Surplus Deficit	1327	-72.4	360	553	1377	1289	2771	3470	3795	3723	4463	5317	5510	2871
79	2007 Federal Report Surplus Deficit	1980	-519	-173	594	1200	1366	3069	1240	4594	2952	2705	4932	3492	3075
80	2008 Federal Report Surplus Deficit	1107	-449	-307	675	1657	323	1079	656	2212	889	567	5154	5849	3260

Ranked Averages

81	**Bottom 10 pct**	**304**	**-554**	**245**	**765**	**1318**	**875**	**1622**	**1619**	**2939**	**1156**	**2707**	**4438**	**4189**	**2362**
82	**Middle 80 pct**	**1902**	**870**	**465**	**926**	**1493**	**1393**	**2253**	**2340**	**3190**	**1840**	**2780**	**4732**	**4552**	**2682**
83	**Top 10 pct**	**3202**	**3200**	**1841**	**1336**	**2047**	**1510**	**2527**	**2283**	**3177**	**2182**	**2874**	**4472**	**4048**	**2468**

Federal Report Surplus Deficit By Water Year

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	1148	827	316	695	699	257	323	189	739	-506	911	1755	2475	-438
2	1930 Federal Report Surplus Deficit	1141	-5.71	604	797	819	313	-1077	365	682	501	2356	1717	-283	1684
3	1931 Federal Report Surplus Deficit	1643	-50.7	67.8	743	965	361	-903	-843	349	-733	-1770	2690	66.4	2010
4	1932 Federal Report Surplus Deficit	943	-682	-73.2	580	339	285	-1169	-1070	2525	4046	4148	4197	4458	3461
5	1933 Federal Report Surplus Deficit	1280	1639	732	928	871	1136	2997	2947	3017	1373	2494	3501	4782	4470
6	1934 Federal Report Surplus Deficit	2753	2263	572	1459	3201	3904	4190	4199	4316	4284	4184	3769	3618	2190
7	1935 Federal Report Surplus Deficit	942	-427	-251	854	514	184	2845	2846	3053	-92.9	2541	3089	3074	3521
8	1936 Federal Report Surplus Deficit	2548	426	90.9	646	665	281	-767	0.24	994	572	3957	4183	4294	1903
9	1937 Federal Report Surplus Deficit	1125	-128	89.2	545	913	312	-548	-681	508	-213	-860	2471	1707	373
10	1938 Federal Report Surplus Deficit	1323	-12.0	212	819	630	612	2499	2595	3551	3006	4504	4049	3852	3359
11	1939 Federal Report Surplus Deficit	919	-321	603	943	531	190	995	817	2010	1611	3458	3514	1461	1553
12	1940 Federal Report Surplus Deficit	1151	-285	129	1014	1363	725	620	334	4188	1821	2844	3353	1643	1123
13	1941 Federal Report Surplus Deficit	556	-759	48.6	685	817	585	93.3	93.9	1579	-693	901	2691	1611	1967
14	1942 Federal Report Surplus Deficit	877	-266	579	685	1260	1888	1995	858	2642	511	2542	2887	3158	3845
15	1943 Federal Report Surplus Deficit	2018	1008	1110	627	211	785	3119	3282	3408	4646	4738	3729	4804	4451
16	1944 Federal Report Surplus Deficit	1721	456	235	702	857	203	351	254	386	-413	986	1043	-977	864
17	1945 Federal Report Surplus Deficit	841	-759	-125	950	684	234	-776	-194	557	-451	-1642	3625	3995	6.74
18	1946 Federal Report Surplus Deficit	1487	-327	-161	700	954	1007	1845	1455	3720	3429	4547	4144	3615	3992
19	1947 Federal Report Surplus Deficit	2511	1982	684	622	1341	3363	3733	3778	3747	2607	3176	4050	3864	3614
20	1948 Federal Report Surplus Deficit	2306	1454	501	3071	2699	2185	3528	3316	2845	1954	4068	4402	4753	4254
21	1949 Federal Report Surplus Deficit	2876	2870	1051	929	1217	796	1839	861	4097	2510	4355	4300	4139	352
22	1950 Federal Report Surplus Deficit	23.0	-924	-279	767	538	861	3406	3643	4310	3695	3946	3972	4794	4565
23	1951 Federal Report Surplus Deficit	2604	2032	708	1651	2917	3441	4167	4590	4553	4071	4036	4104	3980	4243
24	1952 Federal Report Surplus Deficit	2771	1319	530	2540	2110	2216	3308	3592	3364	3834	4712	4362	4141	3481
25	1953 Federal Report Surplus Deficit	2287	1265	-264	594	728	305	1334	2517	2793	580	2401	3951	4836	3907
26	1954 Federal Report Surplus Deficit	1952	1073	556	863	1468	1520	3364	3779	3710	2172	3253	4080	4571	4491
27	1955 Federal Report Surplus Deficit	3008	3311	2919	984	2212	1554	1289	646	946	264	1927	3401	4795	4554
28	1956 Federal Report Surplus Deficit	2810	1949	292	1171	2606	3376	4066	4540	4378	3553	4601	4366	4782	4325
29	1957 Federal Report Surplus Deficit	2665	2423	608	1100	1177	1741	2115	269	3734	3470	3124	4356	4695	3315
30	1958 Federal Report Surplus Deficit	2018	190	437	725	975	756	2319	2704	3105	1672	3923	4325	4502	2473
31	1959 Federal Report Surplus Deficit	1848	50.0	206	782	1916	3023	3878	4085	3980	3035	2941	3686	4557	4410
32	1960 Federal Report Surplus Deficit	2936	2161	3153	3825	3234	2796	2756	2509	3331	4729	3991	3462	4347	3356
33	1961 Federal Report Surplus Deficit	2082	298	204	934	1107	1039	2591	3430	4028	2419	2574	4027	4622	3058
34	1962 Federal Report Surplus Deficit	2016	706	137	600	1047	652	2508	2315	1506	3739	4510	4004	3667	2864
35	1963 Federal Report Surplus Deficit	1790	1055	-63.6	1276	2192	2726	2750	2488	3136	571	2185	3602	3929	3139
36	1964 Federal Report Surplus Deficit	1885	359	783	695	906	1003	1339	1315	1622	2655	1967	3765	4827	4464
37	1965 Federal Report Surplus Deficit	2779	2499	1384	1648	1905	3513	4422	4604	4175	1997	4401	4184	4146	3287
38	1966 Federal Report Surplus Deficit	2612	2383	-36.9	1105	1364	1269	2018	1960	1889	3776	3030	2920	3478	3552
39	1967 Federal Report Surplus Deficit	2052	486	367	554	944	1393	3727	3889	3676	1428	558	3351	4627	4345
40	1968 Federal Report Surplus Deficit	2634	1887	656	875	1683	1273	2992	3158	3377	108	1522	2577	4186	3875
41	1969 Federal Report Surplus Deficit	2569	2476	1790	1701	2666	2256	4249	3974	3603	3808	4406	4343	4362	3685
42	1970 Federal Report Surplus Deficit	2244	1106	510	866	1301	498	2301	2418	2496	797	1990	3703	4553	2276
43	1971 Federal Report Surplus Deficit	1557	99.4	128	594	901	973	4171	4411	4663	3466	4097	4316	4799	4276
44	1972 Federal Report Surplus Deficit	2894	3171	870	1208	1350	1605	3919	4589	5073	4601	3689	4307	4712	4468
45	1973 Federal Report Surplus Deficit	2904	3167	1113	1076	1439	1186	2300	757	1603	-790	1025	2656	1027	1006
46	1974 Federal Report Surplus Deficit	1097	-544	-127	743	905	2179	4458	4381	4875	4222	4455	4241	4771	4593
47	1975 Federal Report Surplus Deficit	2842	3162	1068	585	915	478	2779	2758	3261	573	1854	4005	4700	4442
48	1976 Federal Report Surplus Deficit	2630	2471	1119	1917	2897	3922	4023	4290	3973	3987	4093	4348	4338	4366
49	1977 Federal Report Surplus Deficit	3107	3366	3779	1180	1037	139	456	513	605	-812	873	950	-1568	600
50	1978 Federal Report Surplus Deficit	820	-626	-571	225	406	2020	2035	1827	3149	3592	3081	3827	3256	3514
51	1979 Federal Report Surplus Deficit	1416	136	1721	1279	1358	349	694	1201	3047	594	2386	3922	2966	363
52	1980 Federal Report Surplus Deficit	455	-287	318	568	813	48.4	1529	96.1	1699	1033	3649	4346	4268	2040
53	1981 Federal Report Surplus Deficit	757	-768	416	860	1077	2630	3333	3696	3170	-572	2056	3742	4636	4129
54	1982 Federal Report Surplus Deficit	2926	2413	725	875	1630	1164	3159	4595	4819	3658	3582	4140	4723	4513

Federal Report Surplus Deficit By Water Year

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2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	2941	3080	1822	1808	1739	1771	3503	3514	4798	2820	3295	3959	4388	4141
56	1984 Federal Report Surplus Deficit	2768	2716	999	965	3058	2136	3103	3268	3953	4025	4507	4037	4735	4130
57	1985 Federal Report Surplus Deficit	2620	972	1006	1036	1639	1224	1856	1702	1576	2030	3946	4103	3317	-733
58	1986 Federal Report Surplus Deficit	-186	-937	320	982	2158	1464	2497	3834	4969	4013	4466	3512	4019	2773
59	1987 Federal Report Surplus Deficit	1400	14.9	-104	586	1158	1363	1056	294	2824	-196	1803	3455	2656	921
60	1988 Federal Report Surplus Deficit	666	-933	-16.8	619	598	35.3	-441	-812	1299	-286	1631	2454	1356	1908
61	1989 Federal Report Surplus Deficit	1515	21.6	195	694	790	853	-514	-583	2562	2977	4428	3493	2976	1616
62	1990 Federal Report Surplus Deficit	760	-545	147	741	1356	1833	2925	3101	3500	1615	4126	3492	4445	3178
63	1991 Federal Report Surplus Deficit	2628	1666	251	535	2870	2476	3574	3644	3042	2692	2864	3744	4103	4265
64	1992 Federal Report Surplus Deficit	2923	2179	231	650	918	45.9	446	727	3121	-783	818	2502	323	742
65	1993 Federal Report Surplus Deficit	879	-577	-269	713	908	484	-1010	-1072	1757	699	1361	3791	3374	2286
66	1994 Federal Report Surplus Deficit	1694	392	769	757	1129	686	-623	-275	562	-327	1686	3143	2868	1571
67	1995 Federal Report Surplus Deficit	1354	-469	174	675	430	580	-52.5	2902	3890	928	1885	3517	4384	2743
68	1996 Federal Report Surplus Deficit	1271	188	908	1694	3298	3904	4368	4597	4931	3758	4617	4214	4387	4323
69	1997 Federal Report Surplus Deficit	2892	2353	618	782	1523	2243	4523	4414	4863	4038	4633	4262	4747	4381
70	1998 Federal Report Surplus Deficit	2852	3168	1811	3301	2603	1231	1805	2742	2528	373	3003	4277	4620	3405
71	1999 Federal Report Surplus Deficit	2732	1405	338	679	862	1674	3932	4324	4695	2633	4158	3880	4640	4500
72	2000 Federal Report Surplus Deficit	3119	3271	1086	947	3102	2721	2688	2606	3494	3576	4343	4053	2510	3157
73	2001 Federal Report Surplus Deficit	2172	-364	-4.42	792	684	270	307	236	986	-525	890	1913	-1745	1185
74	2002 Federal Report Surplus Deficit	875	-752	-506	81.6	413	449	-386	295	2336	1348	4099	3488	4593	4221
75	2003 Federal Report Surplus Deficit	774	123	311	724	1071	533	-345	427	3343	1399	2694	3378	4099	1457
76	2004 Federal Report Surplus Deficit	748	-533	-152	846	1925	642	-179	-95.4	3032	808	2141	3221	2797	1675
77	2005 Federal Report Surplus Deficit	170	-462	1108	1159	1360	1521	1815	2005	1613	-213	1657	3385	3160	2439
78	2006 Federal Report Surplus Deficit	1405	-148	297	571	1262	1262	2544	3201	3547	3817	4565	4174	4588	3179
79	2007 Federal Report Surplus Deficit	1981	-635	-252	605	1090	1336	2786	1173	4317	3055	2812	3806	2650	3413
80	2008 Federal Report Surplus Deficit	1193	-553	-385	705	1580	338	1034	611	2047	968	670	4007	4834	3639
Ranked Averages															
81	**Bottom 10 pct**	**399**	**-700**	**220**	**811**	**1161**	**973**	**1507**	**1558**	**2709**	**973**	**2556**	**3415**	**3330**	**2687**
82	**Middle 80 pct**	**1878**	**782**	**411**	**956**	**1347**	**1366**	**2063**	**2178**	**2996**	**2039**	**2970**	**3677**	**3700**	**2992**
83	**Top 10 pct**	**2983**	**2868**	**1854**	**1418**	**1914**	**1422**	**2075**	**1983**	**2840**	**1583**	**2482**	**3140**	**2568**	**2759**

Federal Report Surplus Deficit By Water Year

Operating Year 2020

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	1087	862	185	474	651	130	189	201	640	-696	718	2541	3121	-457
2	1930 Federal Report Surplus Deficit	1079	41.7	468	578	741	184	-1140	374	574	338	2161	2503	626	1600
3	1931 Federal Report Surplus Deficit	1634	-6.23	-66.8	526	869	242	-987	-841	205	-824	-1901	3510	929	1893
4	1932 Federal Report Surplus Deficit	874	-585	-197	361	317	160	-1201	-1091	2577	3835	3799	5174	5129	3114
5	1933 Federal Report Surplus Deficit	1224	1709	595	711	797	1042	3145	3122	3121	1196	2299	4417	5497	3881
6	1934 Federal Report Surplus Deficit	3055	2396	436	1249	3377	4201	4392	4547	4396	3863	3842	4698	4146	2042
7	1935 Federal Report Surplus Deficit	872	-365	-378	638	503	49.2	2970	3007	3158	-264	2347	3954	3683	3159
8	1936 Federal Report Surplus Deficit	2745	461	-31.6	425	607	156	-846	7.32	918	409	3768	5167	4937	1784
9	1937 Federal Report Surplus Deficit	1062	-74.1	-36.6	322	823	191	-665	-680	380	-396	-1017	3275	2422	353
10	1938 Federal Report Surplus Deficit	1282	31.9	81.5	601	595	493	2560	2734	3668	2771	4183	5020	4461	3035
11	1939 Federal Report Surplus Deficit	847	-250	466	726	506	55.8	883	848	2012	1431	3268	4426	2170	1479
12	1940 Federal Report Surplus Deficit	1103	-233	-4.50	799	1254	617	497	346	4304	1632	2651	4241	2344	1076
13	1941 Federal Report Surplus Deficit	483	-658	-83.8	467	738	467	-40.1	104	1563	-890	708	3525	2305	1847
14	1942 Federal Report Surplus Deficit	808	-209	442	467	1154	1835	1987	891	2718	347	2348	3745	3761	3383
15	1943 Federal Report Surplus Deficit	2092	1051	981	406	508	674	3276	3459	3521	4427	4447	4688	5563	3944
16	1944 Federal Report Surplus Deficit	1725	490	107	481	786	73.0	219	267	242	-595	793	1808	23.4	831
17	1945 Federal Report Surplus Deficit	772	-665	-255	734	625	112	-851	-192	428	-645	-1780	4550	4618	-10.1
18	1946 Federal Report Surplus Deficit	1448	-255	-276	479	874	907	1810	1515	3843	3192	4235	5076	4217	3519
19	1947 Federal Report Surplus Deficit	2705	2087	547	400	1234	3430	3968	4035	3872	2396	2985	5034	4479	3230
20	1948 Federal Report Surplus Deficit	2465	1514	366	2889	2708	2154	3743	3518	2928	1760	3732	5285	5447	3728
21	1949 Federal Report Surplus Deficit	3190	3099	916	712	1114	686	1831	891	4218	2298	4023	5266	4761	319
22	1950 Federal Report Surplus Deficit	-27.7	-766	-393	548	527	759	3607	3870	4424	3458	3751	4871	5468	4013
23	1951 Federal Report Surplus Deficit	2854	2137	571	1442	2972	3511	4388	4952	4626	3842	3688	5034	4597	3704
24	1952 Federal Report Surplus Deficit	3033	1370	395	2346	2033	2186	3501	3799	3474	3603	4407	5269	4770	3130
25	1953 Federal Report Surplus Deficit	2442	1315	-377	372	663	180	1244	2630	2869	416	2206	4913	5541	3456
26	1954 Federal Report Surplus Deficit	1984	1114	420	645	1360	1445	3559	4012	3835	1975	3063	5021	5196	3932
27	1955 Federal Report Surplus Deficit	3306	3604	2934	767	2148	1489	1200	672	865	99.6	1731	4297	5545	3996
28	1956 Federal Report Surplus Deficit	3128	2049	161	956	2597	3443	4301	4897	4484	3314	4243	5265	5439	3775
29	1957 Federal Report Surplus Deficit	2937	2580	471	885	1077	1679	2143	280	3856	3231	2933	5252	5421	2999
30	1958 Federal Report Surplus Deficit	2066	230	303	505	885	644	2352	2831	3210	1486	3734	5270	5195	2297
31	1959 Federal Report Surplus Deficit	1872	94.1	75.6	563	1823	3055	4117	4394	4101	2797	2695	4569	5268	3832
32	1960 Federal Report Surplus Deficit	3253	2282	3230	3677	3420	2822	2892	2641	3440	4467	3632	4363	5000	3010
33	1961 Federal Report Surplus Deficit	2147	335	74.9	718	1010	941	2685	3624	4151	2210	2380	4949	5238	2777
34	1962 Federal Report Surplus Deficit	2068	740	6.04	378	954	536	2573	2430	1476	3508	4181	4971	4270	2635
35	1963 Federal Report Surplus Deficit	1821	1096	-182	1063	2126	2733	2887	2604	3245	407	1989	4525	4545	2840
36	1964 Federal Report Surplus Deficit	1930	393	645	474	827	903	1253	1368	1603	2439	1771	4719	5513	3902
37	1965 Federal Report Surplus Deficit	3084	2678	1261	1441	1813	3597	4545	4966	4282	1806	4088	5116	4801	2971
38	1966 Federal Report Surplus Deficit	2867	2546	-165	890	1256	1188	2010	2053	1890	3548	2838	3758	4079	3178
39	1967 Federal Report Surplus Deficit	2118	520	232	333	861	1311	3960	4163	3801	1250	369	4259	5286	3793
40	1968 Federal Report Surplus Deficit	2865	1982	519	659	1578	1191	3131	3333	3496	-57.8	1326	3389	4848	3421
41	1969 Federal Report Surplus Deficit	2786	2662	1711	1496	2669	2228	4446	4269	3728	3559	4090	5254	5006	3281
42	1970 Federal Report Surplus Deficit	2359	1148	376	647	1195	376	2328	2539	2557	633	1794	4656	5262	2134
43	1971 Federal Report Surplus Deficit	1532	143	-1.26	374	826	871	4396	4773	4732	3227	3763	5221	5471	3752
44	1972 Federal Report Surplus Deficit	3195	3452	733	993	1243	1534	4158	4951	5068	4189	3424	5210	5367	3902
45	1973 Federal Report Surplus Deficit	3213	3481	980	860	1331	1092	2331	786	1586	-881	831	3473	1782	966
46	1974 Federal Report Surplus Deficit	1033	-469	-257	525	833	2144	4523	4743	4906	3968	4140	5163	5418	4045
47	1975 Federal Report Surplus Deficit	3159	3467	932	362	837	353	2879	2904	3363	410	1658	4937	5419	3929
48	1976 Federal Report Surplus Deficit	2881	2642	986	1712	2949	4070	4260	4636	4094	3774	3745	5250	4990	3798
49	1977 Federal Report Surplus Deficit	3358	3659	3625	967	941	13.4	329	537	495	-926	681	1714	-484	575
50	1978 Federal Report Surplus Deficit	750	-546	-686	-2.26	495	1976	2030	1908	3255	3356	2890	4746	3857	3155
51	1979 Federal Report Surplus Deficit	1382	176	1636	1067	1251	221	568	1244	3137	430	2191	4897	3579	343
52	1980 Federal Report Surplus Deficit	383	-223	186	346	737	-92.5	1459	104	1689	864	3460	5254	4946	1916
53	1981 Federal Report Surplus Deficit	685	-672	280	643	978	2629	3548	3946	3280	-763	1860	4694	5357	3584
54	1982 Federal Report Surplus Deficit	3240	2564	588	656	1525	1071	3319	4957	4846	3422	3393	5096	5448	4027

Federal Report Surplus Deficit By Water Year

Operating Year 2020

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3255	3341	1725	1601	1635	1709	3707	3711	4844	2588	3104	4941	5051	3636
56	1984 Federal Report Surplus Deficit	3072	2932	864	747	3144	2097	3250	3446	4078	3788	4243	5019	5437	3626
57	1985 Federal Report Surplus Deficit	2825	1008	871	819	1532	1135	1835	1776	1554	1835	3746	5089	3919	-758
58	1986 Federal Report Surplus Deficit	-230	-778	188	764	2085	1389	2549	4062	4969	3801	4174	4440	4642	2560
59	1987 Federal Report Surplus Deficit	1354	63.1	-229	364	1060	1280	949	307	2911	-374	1607	4363	3275	883
60	1988 Federal Report Surplus Deficit	591	-812	-142	400	534	-106	-550	-810	1252	-469	1435	3258	2101	1805
61	1989 Federal Report Surplus Deficit	1489	66.7	65.7	474	727	746	-616	-583	2615	2741	4103	4410	3588	1540
62	1990 Federal Report Surplus Deficit	687	-458	20.0	522	1248	1785	3061	3287	3621	1434	3806	4412	5029	2891
63	1991 Federal Report Surplus Deficit	2843	1740	120	312	2927	2466	3798	3886	3145	2474	2636	4694	4738	3678
64	1992 Federal Report Surplus Deficit	3245	2303	101	430	835	-93.1	315	756	3230	-874	625	3311	1152	711
65	1993 Federal Report Surplus Deficit	808	-503	-395	496	821	362	-1064	-1069	1737	536	1166	4750	3977	2142
66	1994 Federal Report Surplus Deficit	1684	428	632	538	1026	576	-719	-272	441	-511	1490	4018	3477	1497
67	1995 Federal Report Surplus Deficit	1307	-399	38.4	456	443	461	-181	3048	4015	762	1688	4435	5062	2531
68	1996 Federal Report Surplus Deficit	1217	230	771	1487	3512	4205	4527	4959	4932	3526	4305	5181	5065	3746
69	1997 Federal Report Surplus Deficit	3204	2498	482	563	1415	2211	4577	4776	4900	3794	4285	5155	5435	3813
70	1998 Federal Report Surplus Deficit	3148	3451	1715	3127	2594	1140	1764	2887	2589	209	2810	5206	5352	3071
71	1999 Federal Report Surplus Deficit	2960	1456	207	458	794	1608	4172	4649	4762	2408	3843	4844	5327	3922
72	2000 Federal Report Surplus Deficit	3409	3563	953	730	3216	2724	2781	2735	3610	3340	4014	5000	3154	2870
73	2001 Federal Report Surplus Deficit	2253	-290	-128	573	625	143	174	250	913	-712	697	2701	-620	1139
74	2002 Federal Report Surplus Deficit	804	-649	-621	-144	466	324	-498	309	2382	1174	3907	4403	5243	3736
75	2003 Federal Report Surplus Deficit	699	170	180	505	970	413	-461	444	3453	1224	2500	4288	4716	1421
76	2004 Federal Report Surplus Deficit	673	-441	-273	630	1844	526	-304	-90.3	3135	643	1945	4099	3412	1597
77	2005 Federal Report Surplus Deficit	107	-389	981	946	1253	1448	1807	2103	1601	-385	1461	4313	3766	2284
78	2006 Federal Report Surplus Deficit	1352	-83.8	168	351	1157	1176	2617	3375	3671	3589	4247	5147	5213	2966
79	2007 Federal Report Surplus Deficit	2010	-531	-365	383	994	1253	2900	1219	4424	2824	2619	4767	3279	3087
80	2008 Federal Report Surplus Deficit	1131	-461	-500	487	1476	210	925	635	2063	801	481	4991	5548	3271

Ranked Averages

81	**Bottom 10 pct**	**333**	**-592**	**92.8**	**593**	**1087**	**877**	**1509**	**1661**	**2739**	**782**	**2349**	**4307**	**4000**	**2451**
82	**Middle 80 pct**	**1956**	**869**	**283**	**740**	**1298**	**1302**	**2110**	**2322**	**3049**	**1833**	**2729**	**4592**	**4371**	**2673**
83	**Top 10 pct**	**3285**	**3100**	**1767**	**1211**	**1881**	**1354**	**2109**	**2099**	**2864**	**1404**	**2251**	**4024**	**3331**	**2474**

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	858	808	180	434	521	112	70.1	-15.0	637	-752	687	1475	2295	-657
2	1930 Federal Report Surplus Deficit	851	-24.0	468	536	641	168	-1329	161	581	255	2132	1437	-462	1465
3	1931 Federal Report Surplus Deficit	1354	-69.0	-67.8	482	787	216	-1156	-1046	248	-979	-1994	2410	-113	1791
4	1932 Federal Report Surplus Deficit	653	-700	-209	318	161	140	-1421	-1274	2424	3788	3766	3916	4273	3241
5	1933 Federal Report Surplus Deficit	990	1621	596	667	692	991	2745	2743	2916	1127	2270	3222	4570	4190
6	1934 Federal Report Surplus Deficit	2463	2245	437	1198	3023	3759	3938	3995	4214	3797	3809	3449	3360	1971
7	1935 Federal Report Surplus Deficit	653	-446	-386	593	336	39.0	2593	2642	2952	-339	2317	2809	2894	3301
8	1936 Federal Report Surplus Deficit	2258	407	-44.6	385	487	136	-1020	-204	893	327	3734	3903	4109	1673
9	1937 Federal Report Surplus Deficit	835	-147	-46.3	284	735	167	-800	-885	407	-459	-1084	2191	1529	154
10	1938 Federal Report Surplus Deficit	1033	-30.4	76.5	558	452	467	2246	2391	3450	2745	4154	3754	3672	3139
11	1939 Federal Report Surplus Deficit	629	-339	467	681	353	45.0	743	613	1909	1365	3234	3234	1281	1333
12	1940 Federal Report Surplus Deficit	861	-304	-6.56	752	1184	580	368	130	4087	1575	2620	3073	1463	903
13	1941 Federal Report Surplus Deficit	266	-777	-87.0	424	639	440	-159	-110	1478	-939	677	2411	1431	1747
14	1942 Federal Report Surplus Deficit	587	-285	443	423	1082	1743	1742	655	2540	265	2318	2608	2978	3625
15	1943 Federal Report Surplus Deficit	1728	990	974	366	33.4	640	2867	3078	3307	4324	4430	3449	4608	4228
16	1944 Federal Report Surplus Deficit	1431	438	99.6	441	679	58.1	98.8	50.2	285	-659	763	764	-1157	645
17	1945 Federal Report Surplus Deficit	551	-777	-261	688	506	88.5	-1028	-398	456	-697	-1865	3345	3815	-214
18	1946 Federal Report Surplus Deficit	1197	-345	-297	439	776	862	1593	1251	3618	3170	4209	3809	3435	3772
19	1947 Federal Report Surplus Deficit	2221	1963	549	361	1163	3218	3481	3574	3646	2361	2953	3768	3684	3394
20	1948 Federal Report Surplus Deficit	2016	1435	366	2810	2520	2040	3275	3112	2744	1708	3698	4056	4517	4034
21	1949 Federal Report Surplus Deficit	2586	2851	915	667	1039	651	1587	657	3996	2259	3991	4019	3953	120
22	1950 Federal Report Surplus Deficit	-267	-943	-414	506	360	716	3154	3439	4209	3435	3717	3622	4551	4301
23	1951 Federal Report Surplus Deficit	2314	2013	572	1390	2738	3296	3915	4386	4452	3803	3653	3766	3800	4008
24	1952 Federal Report Surplus Deficit	2481	1301	395	2279	1932	2071	3056	3388	3263	3575	4387	4039	3961	3261
25	1953 Federal Report Surplus Deficit	1997	1246	-400	333	550	160	1081	2313	2692	334	2177	3658	4594	3688
26	1954 Federal Report Surplus Deficit	1662	1054	420	601	1290	1375	3112	3575	3609	1926	3029	3756	4324	4219
27	1955 Federal Report Surplus Deficit	2722	3293	2745	722	2034	1409	1036	442	845	18.5	1704	3121	4602	4289
28	1956 Federal Report Surplus Deficit	2520	1930	156	910	2428	3231	3814	4336	4277	3293	4215	4031	4526	4084
29	1957 Federal Report Surplus Deficit	2375	2405	472	839	999	1596	1862	64.9	3632	3210	2900	4076	4458	3095
30	1958 Federal Report Surplus Deficit	1728	172	302	464	797	611	2067	2500	3003	1426	3699	4044	4319	2246
31	1959 Federal Report Surplus Deficit	1558	31.6	70.4	521	1738	2878	3625	3881	3879	2775	2664	3330	4369	4138
32	1960 Federal Report Surplus Deficit	2646	2143	2976	3564	3056	2651	2504	2305	3230	4350	3597	3182	4163	3134
33	1961 Federal Report Surplus Deficit	1792	279	68.7	673	928	894	2338	3226	3927	2173	2350	3685	4353	2839
34	1962 Federal Report Surplus Deficit	1727	688	1.77	339	869	507	2256	2111	1404	3480	4153	3708	3488	2644
35	1963 Federal Report Surplus Deficit	1501	1036	-199	1014	2014	2581	2498	2284	3035	325	1961	3322	3750	2919
36	1964 Federal Report Surplus Deficit	1595	341	647	433	728	858	1087	1111	1521	2409	1743	3485	4580	4198
37	1965 Federal Report Surplus Deficit	2489	2480	1248	1387	1727	3368	4169	4400	4074	1751	4062	3854	3962	3062
38	1966 Federal Report Surplus Deficit	2322	2364	-172	843	1186	1124	1766	1756	1788	3517	2806	2641	3298	3333
39	1967 Federal Report Surplus Deficit	1762	468	231	293	766	1248	3475	3685	3575	1182	334	3071	4373	4102
40	1968 Federal Report Surplus Deficit	2344	1869	521	614	1504	1128	2740	2954	3276	-138	1298	2297	4002	3654
41	1969 Federal Report Surplus Deficit	2279	2458	1654	1440	2487	2111	3996	3770	3502	3528	4062	4005	4178	3463
42	1970 Federal Report Surplus Deficit	1954	1087	375	604	1123	353	2048	2214	2395	551	1766	3423	4369	2056
43	1971 Federal Report Surplus Deficit	1267	81.1	-7.60	333	723	828	3919	4207	4562	3206	3729	3971	4548	4056
44	1972 Federal Report Surplus Deficit	2604	3153	734	947	1172	1460	3666	4385	4972	4118	3389	3953	4457	4200
45	1973 Federal Report Surplus Deficit	2618	3149	978	815	1261	1041	2048	553	1502	-1036	801	2376	847	786
46	1974 Federal Report Surplus Deficit	807	-562	-263	482	727	2034	4206	4177	4773	3921	4111	3899	4514	4324
47	1975 Federal Report Surplus Deficit	2552	3143	932	323	737	333	2526	2555	3160	327	1630	3677	4492	4219
48	1976 Federal Report Surplus Deficit	2340	2453	984	1655	2719	3777	3770	4086	3872	3730	3711	4009	4153	4107
49	1977 Federal Report Surplus Deficit	2827	3347	3597	919	859	-6.21	204	310	504	-1058	650	670	-1747	381
50	1978 Federal Report Surplus Deficit	530	-644	-707	-36.5	228	1875	1783	1623	3048	3332	2857	3485	3076	3294
51	1979 Federal Report Surplus Deficit	1127	118	1586	1018	1180	204	441	997	2946	348	2163	3643	2787	143
52	1980 Federal Report Surplus Deficit	165	-305	182	307	635	-96.6	1276	-108	1598	787	3426	4023	4084	1812
53	1981 Federal Report Surplus Deficit	467	-786	281	599	899	2485	3080	3492	3069	-818	1833	3462	4412	3883
54	1982 Federal Report Surplus Deficit	2636	2395	590	614	1452	1019	2906	4391	4718	3398	3359	3833	4508	4272

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	2651	3062	1686	1546	1561	1626	3250	3310	4696	2559	3071	3677	4203	3921
56	1984 Federal Report Surplus Deficit	2478	2698	864	703	2880	1991	2851	3064	3851	3751	4219	3754	4524	3910
57	1985 Federal Report Surplus Deficit	2330	953	871	775	1461	1079	1604	1498	1475	1784	3712	3822	3137	-952
58	1986 Federal Report Surplus Deficit	-476	-955	184	720	1980	1319	2244	3630	4867	3755	4149	3232	3839	2553
59	1987 Federal Report Surplus Deficit	1110	-3.44	-240	324	980	1218	804	89.9	2723	-442	1579	3175	2476	701
60	1988 Federal Report Surplus Deficit	376	-951	-152	358	420	-110	-694	-1016	1198	-532	1408	2174	1177	1689
61	1989 Federal Report Surplus Deficit	1225	3.28	59.0	433	612	708	-766	-787	2461	2716	4075	3213	2796	1397
62	1990 Federal Report Surplus Deficit	470	-563	11.4	480	1178	1688	2672	2897	3398	1370	3772	3212	4192	2958
63	1991 Federal Report Surplus Deficit	2338	1648	115	274	2692	2331	3321	3440	2941	2446	2604	3464	3924	3987
64	1992 Federal Report Surplus Deficit	2638	2160	95.4	389	740	-99.1	194	523	3019	-1029	594	2222	144	522
65	1993 Federal Report Surplus Deficit	589	-595	-405	452	730	339	-1263	-1276	1656	453	1138	3512	3195	2066
66	1994 Federal Report Surplus Deficit	1404	374	634	496	951	541	-876	-479	461	-573	1462	2864	2688	1352
67	1995 Federal Report Surplus Deficit	1064	-487	38.1	413	252	435	-305	2698	3789	682	1661	3237	4201	2518
68	1996 Federal Report Surplus Deficit	981	170	772	1433	3120	3759	4116	4393	4830	3499	4280	3921	4203	4054
69	1997 Federal Report Surplus Deficit	2602	2334	483	521	1345	2098	4270	4210	4762	3743	4260	3906	4501	4112
70	1998 Federal Report Surplus Deficit	2562	3149	1675	3040	2425	1086	1552	2538	2427	127	2779	3995	4437	3185
71	1999 Federal Report Surplus Deficit	2442	1386	203	418	684	1529	3680	4121	4594	2378	3808	3599	4439	4227
72	2000 Federal Report Surplus Deficit	2833	3252	951	686	2924	2576	2435	2402	3392	3317	3984	3736	2330	2937
73	2001 Federal Report Surplus Deficit	1882	-382	-140	530	506	125	54.3	32.6	885	-771	666	1634	-1925	966
74	2002 Federal Report Surplus Deficit	585	-770	-642	-180	235	304	-638	90.8	2235	1102	3875	3208	4349	4034
75	2003 Federal Report Surplus Deficit	484	104	175	462	893	388	-598	223	3242	1153	2470	3098	3913	1264
76	2004 Federal Report Surplus Deficit	458	-551	-287	585	1747	497	-431	-299	2930	562	1917	2942	2618	1456
77	2005 Federal Report Surplus Deficit	-119	-481	972	898	1182	1376	1563	1801	1512	-459	1433	3105	2981	2220
78	2006 Federal Report Surplus Deficit	1115	-166	162	310	1084	1117	2292	2997	3446	3559	4220	3893	4337	3032
79	2007 Federal Report Surplus Deficit	1691	-654	-388	343	912	1191	2534	969	4216	2801	2588	3527	2471	3193
80	2008 Federal Report Surplus Deficit	903	-572	-521	443	1402	193	781	407	1946	722	446	3725	4600	3420
	Ranked Averages														
81	**Bottom 10 pct**	**109**	**-719**	**84.9**	**550**	**983**	**828**	**1254**	**1354**	**2608**	**724**	**2320**	**3121**	**3137**	**2458**
82	**Middle 80 pct**	**1588**	**764**	**275**	**695**	**1169**	**1221**	**1811**	**1974**	**2895**	**1778**	**2697**	**3379**	**3498**	**2764**
83	**Top 10 pct**	**2696**	**2850**	**1702**	**1157**	**1736**	**1277**	**1822**	**1780**	**2738**	**1315**	**2220**	**2852**	**2381**	**2530**

Federal Report Surplus Deficit By Water Year

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	695	660	16.1	245	489	-41.9	-63.9	-124	498	-830	639	2399	3046	-643
2	1930 Federal Report Surplus Deficit	687	-161	299	349	579	11.6	-1393	50.3	429	205	2083	2358	551	1414
3	1931 Federal Report Surplus Deficit	1242	-209	-236	304	714	73.4	-1237	-1160	68.7	-951	-1973	3375	859	1710
4	1932 Federal Report Surplus Deficit	482	-788	-365	136	157	-12.4	-1453	-1416	2436	3704	3724	5036	5054	2931
5	1933 Federal Report Surplus Deficit	833	1507	426	485	637	870	2893	2798	2981	1065	2223	4281	5424	3696
6	1934 Federal Report Surplus Deficit	2663	2194	267	1027	3225	4032	4144	4228	4260	3736	3770	4562	4077	1861
7	1935 Federal Report Surplus Deficit	480	-567	-547	414	344	-123	2717	2683	3014	-394	2272	3817	3609	2975
8	1936 Federal Report Surplus Deficit	2353	258	-200	196	444	-15.4	-1098	-317	779	279	3693	5028	4862	1599
9	1937 Federal Report Surplus Deficit	670	-277	-205	96.1	665	18.6	-918	-1004	241	-525	-1091	3137	2349	168
10	1938 Federal Report Surplus Deficit	890	-171	-87.2	374	433	321	2308	2410	3528	2640	4108	4878	4383	2849
11	1939 Federal Report Surplus Deficit	455	-453	298	498	344	-117	630	525	1872	1301	3193	4285	2097	1296
12	1940 Federal Report Surplus Deficit	711	-436	-173	573	1093	444	244	24.3	4163	1502	2576	4101	2270	893
13	1941 Federal Report Surplus Deficit	91.0	-860	-252	241	579	294	-293	-219	1423	-1021	632	3386	2231	1661
14	1942 Federal Report Surplus Deficit	416	-412	273	242	991	1663	1734	567	2578	216	2272	3606	3685	3198
15	1943 Federal Report Surplus Deficit	1700	849	812	177	347	502	3024	3136	3379	4294	4369	4543	5483	3757
16	1944 Federal Report Surplus Deficit	1333	287	-61.5	253	625	-99.5	-33.5	-56.8	102	-726	716	1669	-51.9	646
17	1945 Federal Report Surplus Deficit	380	-868	-424	507	467	-59.9	-1104	-516	285	-781	-1862	4406	4540	-196
18	1946 Federal Report Surplus Deficit	1056	-457	-445	247	712	735	1558	1190	3702	3059	4157	4932	4139	3332
19	1947 Federal Report Surplus Deficit	2313	1884	378	172	1072	3258	3716	3711	3729	2261	2905	4891	4402	3043
20	1948 Federal Report Surplus Deficit	2073	1311	197	2662	2546	1982	3491	3194	2787	1628	3654	5142	5371	3542
21	1949 Federal Report Surplus Deficit	2799	2897	748	482	952	514	1579	567	4077	2165	3946	5121	4684	133
22	1950 Federal Report Surplus Deficit	-420	-968	-562	319	365	587	3356	3546	4280	3323	3670	4725	5389	3823
23	1951 Federal Report Surplus Deficit	2462	1934	402	1210	2810	3340	4136	4628	4482	3705	3605	4887	4517	3515
24	1952 Federal Report Surplus Deficit	2641	1168	226	2113	1871	2014	3249	3475	3332	3469	4329	5128	4695	2943
25	1953 Federal Report Surplus Deficit	2050	1112	-546	144	503	7.47	992	2305	2727	284	2128	4772	5465	3269
26	1954 Federal Report Surplus Deficit	1593	912	252	418	1198	1274	3307	3688	3692	1842	2984	4878	5119	3747
27	1955 Federal Report Surplus Deficit	2914	3402	2766	540	1989	1317	947	348	723	-31.9	1655	4157	5469	3807
28	1956 Federal Report Surplus Deficit	2736	1847	-7.95	724	2435	3272	4049	4573	4340	3180	4164	5122	5362	3589
29	1957 Federal Report Surplus Deficit	2545	2377	303	653	914	1508	1890	-44.6	3712	3096	2853	5110	5345	2812
30	1958 Federal Report Surplus Deficit	1674	27.3	134	277	725	472	2099	2507	3069	1353	3656	5131	5120	2111
31	1959 Federal Report Surplus Deficit	1480	-108	-93.1	336	1666	2883	3864	4070	3956	2659	2613	4427	5192	3646
32	1960 Federal Report Surplus Deficit	2861	2079	3061	3450	3262	2650	2639	2317	3296	4329	3550	4224	4928	2826
33	1961 Federal Report Surplus Deficit	1755	132	-93.8	493	853	768	2432	3300	4009	2078	2302	4810	5165	2593
34	1962 Federal Report Surplus Deficit	1676	537	-163	153	792	364	2320	2106	1333	3374	4102	4831	4196	2448
35	1963 Federal Report Surplus Deficit	1429	893	-351	838	1972	2561	2635	2280	3103	275	1912	4386	4471	2656
36	1964 Federal Report Surplus Deficit	1539	190	477	248	664	731	1001	1044	1460	2306	1693	4578	5438	3713
37	1965 Federal Report Surplus Deficit	2692	2475	1092	1209	1651	3425	4292	4642	4138	1669	4007	4970	4721	2778
38	1966 Federal Report Surplus Deficit	2476	2343	-333	661	1094	1016	1757	1729	1746	3412	2757	3617	4005	2993
39	1967 Federal Report Surplus Deficit	1726	317	63.5	109	706	1139	3708	3840	3657	1116	290	4115	5210	3605
40	1968 Federal Report Surplus Deficit	2474	1779	350	432	1416	1019	2878	3009	3351	-190	1249	3247	4771	3231
41	1969 Federal Report Surplus Deficit	2394	2460	1542	1263	2507	2056	4193	3945	3584	3426	4011	5111	4932	3096
42	1970 Federal Report Surplus Deficit	1967	946	207	420	1033	204	2076	2215	2413	497	1713	4512	5184	1943
43	1971 Federal Report Surplus Deficit	1140	-59.9	-170	141	665	700	4145	4449	4587	3089	3680	5073	5389	3559
44	1972 Federal Report Surplus Deficit	2803	3249	564	761	1082	1362	3906	4627	4924	4050	3341	5061	5285	3709
45	1973 Federal Report Surplus Deficit	2821	3279	811	630	1168	920	2078	462	1441	-1015	752	3330	1706	778
46	1974 Federal Report Surplus Deficit	641	-672	-425	292	671	1973	4271	4419	4763	3834	4061	5016	5337	3854
47	1975 Federal Report Surplus Deficit	2767	3264	764	130	675	182	2627	2580	3219	275	1578	4791	5338	3736
48	1976 Federal Report Surplus Deficit	2489	2440	818	1479	2787	3899	4008	4312	3950	3639	3666	5107	4914	3605
49	1977 Federal Report Surplus Deficit	2966	3456	3456	743	784	-159	75.6	213	351	-1056	605	1577	-556	391
50	1978 Federal Report Surplus Deficit	358	-748	-855	-231	333	1804	1778	1584	3113	3222	2812	4606	3781	2964
51	1979 Federal Report Surplus Deficit	990	-26.4	1468	834	1088	48.4	316	920	2994	298	2114	4757	3506	158
52	1980 Federal Report Surplus Deficit	-8.68	-426	17.5	121	574	-264	1207	-220	1547	732	3383	5114	4871	1731
53	1981 Federal Report Surplus Deficit	293	-874	112	418	817	2457	3295	3621	3138	-896	1783	4555	5285	3400
54	1982 Federal Report Surplus Deficit	2848	2361	420	424	1363	900	3067	4634	4702	3284	3310	4947	5366	3835

Federal Report Surplus Deficit By Water Year

Operating Year 2022

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	2863	3139	1556	1368	1473	1538	3456	3387	4699	2453	3024	4792	4969	3444
56	1984 Federal Report Surplus Deficit	2680	2729	695	515	2982	1926	2999	3122	3934	3650	4160	4871	5355	3433
57	1985 Federal Report Surplus Deficit	2433	806	702	587	1370	963	1582	1452	1412	1702	3667	4947	3843	-947
58	1986 Federal Report Surplus Deficit	-622	-981	19.1	532	1924	1219	2297	3739	4826	3663	4091	4292	4561	2367
59	1987 Federal Report Surplus Deficit	962	-139	-398	137	899	1108	696	-17.5	2769	-507	1529	4222	3201	700
60	1988 Federal Report Surplus Deficit	199	-1015	-311	176	376	-277	-803	-1135	1107	-602	1357	3119	2028	1622
61	1989 Federal Report Surplus Deficit	1097	-136	-103	250	568	574	-869	-907	2473	2607	4024	4267	3513	1354
62	1990 Federal Report Surplus Deficit	295	-660	-149	297	1089	1613	2808	2963	3476	1296	3723	4269	4954	2708
63	1991 Federal Report Surplus Deficit	2451	1538	-48.2	86.7	2772	2293	3545	3562	3002	2341	2557	4552	4662	3493
64	1992 Federal Report Surplus Deficit	2853	2100	-67.6	206	678	-266	62.3	431	3087	-1007	547	3170	1079	528
65	1993 Federal Report Surplus Deficit	416	-706	-564	270	665	190	-1317	-1393	1593	400	1086	4608	3902	1956
66	1994 Federal Report Surplus Deficit	1292	226	464	312	864	403	-972	-596	297	-645	1411	3876	3403	1312
67	1995 Federal Report Surplus Deficit	915	-601	-130	230	285	289	-433	2724	3871	627	1609	4293	4985	2342
68	1996 Federal Report Surplus Deficit	825	27.1	602	1255	3351	4034	4275	4635	4788	3389	4223	5038	4986	3555
69	1997 Federal Report Surplus Deficit	2812	2295	314	331	1253	2040	4327	4452	4756	3656	4202	5006	5353	3620
70	1998 Federal Report Surplus Deficit	2756	3249	1546	2894	2431	968	1512	2563	2445	70.9	2727	5059	5270	2881
71	1999 Federal Report Surplus Deficit	2568	1253	38.3	226	632	1436	3921	4325	4618	2271	3760	4699	5246	3732
72	2000 Federal Report Surplus Deficit	3017	3360	784	498	3054	2552	2528	2411	3466	3205	3934	4855	3077	2685
73	2001 Federal Report Surplus Deficit	1861	-493	-297	346	469	-29.3	-78.7	-74.5	771	-848	617	2559	-693	957
74	2002 Federal Report Surplus Deficit	412	-852	-790	-368	311	153	-752	-14.8	2238	1036	3824	4262	5169	3553
75	2003 Federal Report Surplus Deficit	307	-32.2	11.7	281	815	240	-714	120	3309	1087	2418	4148	4643	1239
76	2004 Federal Report Surplus Deficit	281	-644	-442	406	1687	353	-557	-415	2990	507	1864	3958	3338	1413
77	2005 Federal Report Surplus Deficit	-285	-591	812	722	1097	1276	1554	1779	1457	-521	1380	4171	3691	2100
78	2006 Federal Report Surplus Deficit	960	-286	-0.63	122	995	1004	2364	3050	3527	3454	4167	5004	5135	2778
79	2007 Federal Report Surplus Deficit	1618	-734	-534	155	837	1081	2647	895	4279	2687	2536	4626	3205	2901
80	2008 Federal Report Surplus Deficit	739	-663	-669	264	1324	46.7	684	323	1929	671	406	4851	5472	3085

Ranked Averages

81	**Bottom 10 pct**	**-58.8**	**-795**	**-75.9**	**367**	**927**	**706**	**1257**	**1337**	**2596**	**648**	**2270**	**4165**	**3924**	**2265**
82	**Middle 80 pct**	**1565**	**667**	**114**	**512**	**1138**	**1130**	**1858**	**1998**	**2907**	**1699**	**2651**	**4450**	**4295**	**2486**
83	**Top 10 pct**	**2893**	**2897**	**1598**	**982**	**1721**	**1181**	**1857**	**1775**	**2721**	**1270**	**2172**	**3882**	**3255**	**2287**

Federal Report Surplus Deficit By Water Year

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	945	811	30.0	232	366	-76.5	-141	-172	477	-906	514	1413	2192	-771
2	1930 Federal Report Surplus Deficit	937	-22.3	319	334	485	-20.4	-1541	4.01	418	102	1960	1373	-565	1351
3	1931 Federal Report Surplus Deficit	1446	-60.6	-210	287	639	31.4	-1365	-1198	92.7	-1127	-2160	2354	-211	1680
4	1932 Federal Report Surplus Deficit	743	-694	-354	121	8.53	-48.3	-1633	-1431	2264	3638	3597	3857	4170	3129
5	1933 Federal Report Surplus Deficit	1075	1621	449	468	540	802	2533	2587	2757	976	2100	3165	4469	4077
6	1934 Federal Report Surplus Deficit	2550	2249	291	1003	2877	3574	3731	3844	4060	3649	3643	3392	3264	1861
7	1935 Federal Report Surplus Deficit	743	-439	-532	396	184	-149	2381	2485	2790	-489	2149	2752	2792	3189
8	1936 Federal Report Surplus Deficit	2342	407	-196	183	332	-50.8	-1231	-361	735	177	3565	3844	4007	1560
9	1937 Federal Report Surplus Deficit	924	-142	-193	84.7	584	-20.8	-1012	-1041	249	-609	-1252	2133	1427	40.0
10	1938 Federal Report Surplus Deficit	1120	-27.6	-71.8	358	296	279	2035	2234	3291	2595	3985	3691	3567	3025
11	1939 Federal Report Surplus Deficit	715	-337	320	480	198	-143	531	457	1750	1215	3065	3174	1180	1222
12	1940 Federal Report Surplus Deficit	949	-299	-154	553	1030	392	156	-24.2	3926	1425	2451	3013	1362	792
13	1941 Federal Report Surplus Deficit	355	-772	-233	225	487	251	-371	-265	1318	-1090	508	2350	1329	1634
14	1942 Federal Report Surplus Deficit	675	-281	296	225	927	1554	1531	498	2382	114	2148	2548	2876	3512
15	1943 Federal Report Surplus Deficit	1812	991	823	164	-121	452	2656	2922	3146	4170	4257	3384	4500	4112
16	1944 Federal Report Surplus Deficit	1516	439	-51.1	240	526	-130	-113	-107	126	-810	593	704	-1260	533
17	1945 Federal Report Surplus Deficit	639	-773	-409	489	354	-99.7	-1239	-554	295	-853	-2041	3281	3710	-328
18	1946 Federal Report Surplus Deficit	1281	-345	-450	234	622	674	1381	1094	3459	3018	4037	3744	3330	3656
19	1947 Federal Report Surplus Deficit	2310	1968	400	161	1007	3030	3270	3417	3484	2206	2779	3705	3579	3279
20	1948 Federal Report Surplus Deficit	2101	1436	216	2609	2365	1853	3065	2956	2584	1555	3526	3994	4413	3920
21	1949 Federal Report Surplus Deficit	2675	2856	768	465	883	463	1375	500	3837	2107	3820	3954	3848	6.41
22	1950 Federal Report Surplus Deficit	-180	-940	-564	304	205	528	2943	3283	4047	3279	3542	3555	4444	4183
23	1951 Federal Report Surplus Deficit	2395	2011	415	1184	2584	3108	3703	4229	4289	3646	3477	3699	3692	3891
24	1952 Federal Report Surplus Deficit	2563	1299	240	2073	1777	1884	2845	3231	3102	3422	4215	3978	3858	3146
25	1953 Federal Report Surplus Deficit	2079	1245	-550	132	396	-28.4	870	2156	2531	182	2006	3597	4490	3573
26	1954 Federal Report Surplus Deficit	1748	1057	272	402	1135	1187	2900	3418	3447	1773	2857	3694	4220	4106
27	1955 Federal Report Surplus Deficit	2809	3295	2597	522	1881	1221	825	285	684	-133	1533	3061	4498	4172
28	1956 Federal Report Surplus Deficit	2601	1928	7.77	705	2273	3044	3603	4179	4114	3138	4042	3968	4421	3970
29	1957 Federal Report Surplus Deficit	2464	2410	321	634	843	1408	1651	-92.0	3470	3055	2726	4014	4353	2979
30	1958 Federal Report Surplus Deficit	1811	171	150	263	644	423	1855	2343	2843	1273	3528	3985	4216	2132
31	1959 Federal Report Surplus Deficit	1643	32.8	-79.2	321	1588	2690	3413	3724	3716	2616	2487	3267	4265	4023
32	1960 Federal Report Surplus Deficit	2734	2147	2829	3365	2905	2463	2292	2148	3067	4193	3421	3122	4063	3023
33	1961 Federal Report Surplus Deficit	1880	283	-79.3	475	779	705	2126	3070	3766	2020	2179	3625	4252	2727
34	1962 Federal Report Surplus Deficit	1815	693	-150	141	714	319	2044	1954	1243	3325	3979	3648	3385	2528
35	1963 Federal Report Surplus Deficit	1588	1040	-349	817	1867	2393	2287	2127	2875	172	1790	3262	3649	2806
36	1964 Federal Report Surplus Deficit	1682	344	501	235	572	670	876	954	1359	2256	1571	3424	4477	4081
37	1965 Federal Report Surplus Deficit	2568	2476	1090	1182	1572	3180	3958	4243	3911	1594	3887	3788	3855	2942
38	1966 Federal Report Surplus Deficit	2404	2362	-325	641	1031	936	1553	1599	1625	3361	2631	2579	3196	3219
39	1967 Federal Report Surplus Deficit	1850	473	85.9	95.3	618	1059	3263	3528	3411	1028	161	3007	4269	3986
40	1968 Federal Report Surplus Deficit	2426	1866	371	414	1349	940	2528	2797	3112	-290	1127	2235	3897	3536
41	1969 Federal Report Surplus Deficit	2357	2452	1498	1235	2333	1923	3784	3613	3339	3374	3889	3942	4075	3351
42	1970 Federal Report Surplus Deficit	2043	1092	227	405	968	165	1837	2057	2233	395	1591	3359	4263	1938
43	1971 Federal Report Surplus Deficit	1346	76.1	-165	128	569	641	3708	4050	4399	3048	3552	3902	4439	3937
44	1972 Federal Report Surplus Deficit	2685	3149	579	741	1018	1273	3455	4228	4809	3960	3213	3884	4348	4080
45	1973 Federal Report Surplus Deficit	2699	3147	823	611	1106	852	1836	396	1339	-1190	628	2314	743	671
46	1974 Federal Report Surplus Deficit	890	-562	-416	276	573	1847	3995	4020	4612	3766	3938	3832	4406	4205
47	1975 Federal Report Surplus Deficit	2632	3139	778	118	582	146	2315	2398	2997	172	1457	3611	4385	4098
48	1976 Federal Report Surplus Deficit	2418	2447	828	1450	2565	3590	3559	3929	3709	3575	3537	3945	4049	3986
49	1977 Federal Report Surplus Deficit	2909	3345	3450	723	709	-195	-8.33	153	341	-1208	480	612	-1847	269
50	1978 Federal Report Surplus Deficit	620	-638	-854	-238	72.6	1687	1571	1466	2886	3179	2685	3425	2972	3176
51	1979 Federal Report Surplus Deficit	1203	110	1427	812	1025	15.8	229	840	2784	196	1992	3583	2686	30.0
52	1980 Federal Report Surplus Deficit	254	-301	35.1	109	480	-284	1065	-265	1437	634	3254	3962	3982	1699
53	1981 Federal Report Surplus Deficit	555	-782	133	402	745	2296	2869	3335	2908	-971	1661	3403	4311	3771
54	1982 Federal Report Surplus Deficit	2724	2399	440	408	1298	832	2695	4235	4555	3240	3182	3764	4399	4151

Federal Report Surplus Deficit By Water Year

Operating Year 2023

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	2727	3054	1530	1341	1405	1438	3040	3154	4533	2404	2897	3608	4094	3801
56	1984 Federal Report Surplus Deficit	2557	2693	709	498	2725	1804	2640	2908	3688	3594	4042	3686	4415	3790
57	1985 Federal Report Surplus Deficit	2409	948	715	570	1306	891	1392	1341	1314	1630	3540	3760	3033	-1069
58	1986 Federal Report Surplus Deficit	-396	-959	30.4	515	1826	1133	2034	3473	4705	3597	3972	3164	3731	2433
59	1987 Federal Report Surplus Deficit	1189	-8.17	-390	125	825	1029	592	-67.0	2562	-595	1408	3114	2375	590
60	1988 Federal Report Surplus Deficit	467	-944	-297	161	269	-297	-906	-1172	1035	-685	1236	2115	1076	1578
61	1989 Federal Report Surplus Deficit	1314	8.24	-87.1	236	460	519	-978	-944	2300	2562	3902	3149	2693	1283
62	1990 Federal Report Surplus Deficit	555	-562	-138	282	1026	1500	2460	2740	3235	1211	3595	3149	4089	2847
63	1991 Federal Report Surplus Deficit	2426	1652	-33.4	75.2	2544	2143	3109	3283	2780	2292	2432	3402	3819	3874
64	1992 Federal Report Surplus Deficit	2726	2164	-51.6	192	589	-288	-18.2	367	2858	-1182	422	2162	43.0	411
65	1993 Federal Report Surplus Deficit	678	-590	-551	253	581	151	-1474	-1433	1493	298	963	3450	3091	1952
66	1994 Federal Report Surplus Deficit	1488	374	484	297	796	352	-1088	-635	298	-727	1289	2802	2587	1239
67	1995 Federal Report Surplus Deficit	1152	-483	-109	214	101	247	-516	2542	3627	527	1488	3175	4096	2400
68	1996 Federal Report Surplus Deficit	1059	164	614	1228	2966	3571	3905	4237	4667	3341	4105	3857	4097	3935
69	1997 Federal Report Surplus Deficit	2681	2329	328	316	1190	1911	4061	4054	4599	3585	4083	3837	4391	3992
70	1998 Federal Report Surplus Deficit	2641	3144	1520	2835	2270	898	1341	2381	2264	-31.1	2602	3928	4327	3066
71	1999 Federal Report Surplus Deficit	2523	1383	47.2	213	529	1341	3469	3964	4431	2220	3632	3533	4331	4109
72	2000 Federal Report Surplus Deficit	2916	3252	799	481	2769	2387	2223	2245	3230	3161	3810	3672	2226	2824
73	2001 Federal Report Surplus Deficit	1970	-378	-286	331	357	-63.6	-158	-124	723	-927	491	1572	-2026	855
74	2002 Federal Report Surplus Deficit	675	-765	-787	-376	87.1	116	-850	-66.1	2072	944	3698	3147	4248	3923
75	2003 Federal Report Surplus Deficit	571	108	27.9	265	745	199	-810	65.9	3078	996	2294	3038	3812	1154
76	2004 Federal Report Surplus Deficit	548	-545	-433	388	1598	309	-644	-456	2767	406	1743	2880	2516	1344
77	2005 Federal Report Surplus Deficit	-32.0	-477	826	701	1034	1187	1351	1644	1349	-614	1259	3043	2878	2107
78	2006 Federal Report Surplus Deficit	1200	-165	10.3	109	930	929	2080	2840	3283	3403	4046	3829	4232	2916
79	2007 Federal Report Surplus Deficit	1776	-652	-537	143	762	1003	2322	812	4053	2643	2411	3465	2368	3079
80	2008 Federal Report Surplus Deficit	983	-574	-668	248	1258	13.9	581	262	1793	572	278	3664	4496	3306

Ranked Averages

81	**Bottom 10 pct**	**196**	**-715**	**-62.8**	**351**	**830**	**640**	**1043**	**1197**	**2446**	**570**	**2147**	**3059**	**3033**	**2344**
82	**Middle 80 pct**	**1673**	**765**	**125**	**494**	**1016**	**1033**	**1600**	**1818**	**2734**	**1624**	**2524**	**3317**	**3394**	**2649**
83	**Top 10 pct**	**2780**	**2850**	**1552**	**955**	**1583**	**1089**	**1610**	**1623**	**2576**	**1161**	**2047**	**2789**	**2277**	**2415**

Federal Report Surplus Deficit By Water Year

Operating Year 2024

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	817	710	-81.8	239	467	-137	-81.5	20.1	449	-770	574	2395	2943	-546
2	1930 Federal Report Surplus Deficit	808	-112	202	343	557	-83.7	-1411	194	380	265	2018	2354	448	1512
3	1931 Federal Report Surplus Deficit	1369	-153	-326	297	692	-22.0	-1255	-1016	19.7	-891	-2038	3371	756	1808
4	1932 Federal Report Surplus Deficit	606	-735	-458	130	136	-108	-1471	-1272	2387	3765	3659	5032	4952	3028
5	1933 Federal Report Surplus Deficit	952	1554	331	479	616	775	2875	2942	2932	1125	2158	4277	5322	3793
6	1934 Federal Report Surplus Deficit	2785	2244	174	1021	3203	3937	4126	4372	4211	3795	3705	4558	3975	1958
7	1935 Federal Report Surplus Deficit	606	-513	-640	408	322	-219	2699	2827	2965	-334	2207	3813	3506	3073
8	1936 Federal Report Surplus Deficit	2472	305	-299	190	422	-111	-1116	-173	730	339	3628	5024	4760	1695
9	1937 Federal Report Surplus Deficit	793	-225	-299	89.8	643	-76.8	-936	-860	192	-465	-1157	3133	2247	265
10	1938 Federal Report Surplus Deficit	1011	-121	-183	368	411	226	2291	2553	3479	2700	4043	4873	4281	2946
11	1939 Federal Report Surplus Deficit	575	-404	203	492	322	-212	612	669	1823	1361	3128	4281	1995	1393
12	1940 Federal Report Surplus Deficit	834	-384	-268	567	1071	349	226	168	4114	1562	2511	4097	2167	990
13	1941 Federal Report Surplus Deficit	214	-809	-347	235	557	199	-311	-74.9	1374	-961	567	3381	2128	1759
14	1942 Federal Report Surplus Deficit	538	-361	179	236	969	1568	1717	710	2529	276	2207	3602	3583	3295
15	1943 Federal Report Surplus Deficit	1819	896	713	171	325	407	3007	3279	3330	4353	4304	4539	5380	3854
16	1944 Federal Report Surplus Deficit	1452	335	-160	246	604	-195	-51.1	87.0	52.7	-666	651	1665	-154	744
17	1945 Federal Report Surplus Deficit	502	-817	-519	501	445	-155	-1121	-372	236	-721	-1927	4402	4438	-97.6
18	1946 Federal Report Surplus Deficit	1175	-410	-546	241	690	639	1540	1334	3653	3120	4092	4927	4036	3429
19	1947 Federal Report Surplus Deficit	2436	1936	283	166	1050	3162	3698	3855	3680	2321	2840	4887	4299	3140
20	1948 Federal Report Surplus Deficit	2193	1359	99.7	2655	2524	1887	3474	3338	2738	1688	3589	5138	5268	3640
21	1949 Federal Report Surplus Deficit	2922	2948	653	476	930	419	1561	711	4028	2225	3881	5117	4581	230
22	1950 Federal Report Surplus Deficit	-298	-918	-660	313	343	492	3338	3690	4231	3382	3605	4721	5286	3920
23	1951 Federal Report Surplus Deficit	2578	1979	297	1203	2788	3245	4118	4772	4433	3766	3540	4883	4415	3613
24	1952 Federal Report Surplus Deficit	2758	1213	124	2107	1849	1919	3232	3619	3283	3529	4264	5124	4592	3040
25	1953 Federal Report Surplus Deficit	2167	1157	-644	137	481	-87.9	974	2449	2678	344	2063	4768	5362	3367
26	1954 Federal Report Surplus Deficit	1713	961	155	412	1176	1178	3289	3832	3643	1902	2919	4874	5017	3844
27	1955 Federal Report Surplus Deficit	3036	3452	2670	534	1967	1222	930	491	674	28.1	1590	4152	5366	3904
28	1956 Federal Report Surplus Deficit	2852	1891	-104	718	2414	3176	4032	4716	4291	3240	4099	5118	5260	3687
29	1957 Federal Report Surplus Deficit	2669	2429	204	646	892	1412	1873	99.2	3663	3157	2788	5106	5242	2909
30	1958 Federal Report Surplus Deficit	1792	74.0	35.3	271	703	377	2082	2650	3020	1413	3591	5127	5017	2208
31	1959 Federal Report Surplus Deficit	1600	-60.3	-190	330	1644	2788	3847	4214	3907	2718	2547	4423	5090	3743
32	1960 Federal Report Surplus Deficit	2984	2130	2966	3444	3240	2554	2621	2461	3246	4390	3485	4219	4825	2924
33	1961 Federal Report Surplus Deficit	1878	184	-190	486	831	673	2414	3444	3960	2138	2237	4806	5063	2690
34	1962 Federal Report Surplus Deficit	1800	589	-262	147	770	269	2302	2249	1284	3433	4037	4826	4093	2546
35	1963 Federal Report Surplus Deficit	1552	944	-448	831	1950	2466	2617	2423	3054	335	1847	4382	4369	2753
36	1964 Federal Report Surplus Deficit	1661	241	383	242	643	636	983	1188	1411	2366	1628	4574	5335	3811
37	1965 Federal Report Surplus Deficit	2806	2517	986	1202	1629	3329	4275	4786	4088	1729	3942	4966	4619	2876
38	1966 Federal Report Surplus Deficit	2592	2388	-434	654	1072	921	1739	1873	1697	3471	2692	3613	3903	3091
39	1967 Federal Report Surplus Deficit	1850	369	-29.4	103	685	1044	3691	3983	3608	1176	225	4111	5108	3702
40	1968 Federal Report Surplus Deficit	2590	1824	253	425	1394	924	2861	3153	3302	-130	1184	3243	4668	3328
41	1969 Federal Report Surplus Deficit	2507	2501	1438	1257	2485	1961	4175	4089	3535	3485	3946	5107	4829	3194
42	1970 Federal Report Surplus Deficit	2090	997	112	414	1011	109	2059	2359	2364	557	1648	4508	5081	2041
43	1971 Federal Report Surplus Deficit	1254	-17.9	-275	135	643	605	4127	4593	4538	3149	3615	5069	5287	3657
44	1972 Federal Report Surplus Deficit	2918	3293	461	755	1060	1267	3889	4770	4875	4111	3276	5057	5183	3807
45	1973 Federal Report Surplus Deficit	2937	3323	708	624	1146	824	2061	606	1392	-955	687	3326	1603	876
46	1974 Federal Report Surplus Deficit	759	-625	-526	286	650	1878	4254	4563	4714	3895	3996	5012	5235	3952
47	1975 Federal Report Surplus Deficit	2881	3307	662	123	653	86.2	2609	2724	3170	335	1513	4787	5236	3833
48	1976 Federal Report Surplus Deficit	2602	2481	714	1473	2765	3803	3990	4456	3900	3699	3601	5102	4811	3703
49	1977 Federal Report Surplus Deficit	3082	3501	3362	737	762	-254	58.0	357	302	-996	540	1573	-659	488
50	1978 Federal Report Surplus Deficit	482	-695	-949	-237	311	1708	1760	1728	3064	3282	2747	4602	3679	3061
51	1979 Federal Report Surplus Deficit	1101	12.9	1362	828	1067	-46.9	298	1063	2944	358	2049	4753	3403	255
52	1980 Federal Report Surplus Deficit	115	-374	-77.3	115	553	-360	1190	-76.2	1498	792	3318	5110	4769	1829
53	1981 Federal Report Surplus Deficit	415	-824	16.4	412	795	2361	3278	3765	3089	-836	1718	4551	5182	3497
54	1982 Federal Report Surplus Deficit	2971	2412	322	418	1341	805	3049	4778	4653	3344	3245	4943	5264	3932

Federal Report Surplus Deficit By Water Year

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	2974	3178	1452	1362	1451	1443	3438	3531	4650	2513	2959	4788	4867	3542
56	1984 Federal Report Surplus Deficit	2794	2771	592	509	2960	1831	2982	3266	3885	3710	4095	4867	5252	3531
57	1985 Federal Report Surplus Deficit	2547	848	599	580	1348	868	1565	1595	1363	1762	3602	4943	3740	-849
58	1986 Federal Report Surplus Deficit	-507	-938	-82.4	525	1902	1123	2280	3882	4777	3723	4026	4288	4458	2465
59	1987 Federal Report Surplus Deficit	1076	-97.2	-496	130	877	1013	678	126	2720	-446	1464	4218	3099	797
60	1988 Federal Report Surplus Deficit	325	-961	-403	170	355	-372	-821	-991	1058	-542	1292	3115	1925	1719
61	1989 Federal Report Surplus Deficit	1221	-83.9	-197	244	546	478	-887	-763	2424	2668	3959	4263	3411	1451
62	1990 Federal Report Surplus Deficit	415	-612	-246	290	1067	1518	2791	3107	3427	1355	3658	4265	4851	2805
63	1991 Federal Report Surplus Deficit	2574	1589	-144	80.4	2750	2198	3528	3706	2953	2401	2492	4548	4559	3591
64	1992 Federal Report Surplus Deficit	2976	2151	-162	200	656	-361	44.7	575	3037	-947	482	3166	977	626
65	1993 Federal Report Surplus Deficit	540	-654	-658	264	643	94.2	-1334	-1249	1544	460	1021	4604	3799	2053
66	1994 Federal Report Surplus Deficit	1410	272	366	306	842	308	-989	-452	248	-585	1346	3872	3301	1409
67	1995 Federal Report Surplus Deficit	1038	-550	-225	224	263	194	-451	2868	3822	688	1544	4289	4882	2439
68	1996 Federal Report Surplus Deficit	937	68.1	496	1248	3329	3938	4258	4779	4739	3448	4158	5034	4883	3652
69	1997 Federal Report Surplus Deficit	2925	2337	211	325	1231	1945	4310	4596	4707	3716	4137	5002	5251	3718
70	1998 Federal Report Surplus Deficit	2870	3291	1443	2888	2410	873	1495	2707	2396	131	2662	5055	5168	2978
71	1999 Federal Report Surplus Deficit	2684	1297	-64.9	219	610	1341	3903	4469	4569	2331	3695	4695	5144	3830
72	2000 Federal Report Surplus Deficit	3135	3406	685	492	3032	2456	2510	2554	3417	3264	3869	4851	2975	2782
73	2001 Federal Report Surplus Deficit	1984	-441	-391	340	447	-125	-96.2	69.3	722	-788	551	2555	-796	1054
74	2002 Federal Report Surplus Deficit	536	-799	-883	-374	289	57.3	-769	129	2189	1096	3759	4258	5067	3650
75	2003 Federal Report Surplus Deficit	429	18.2	-83.4	275	793	145	-731	264	3260	1147	2353	4144	4541	1335
76	2004 Federal Report Surplus Deficit	406	-591	-536	399	1665	258	-574	-271	2941	567	1799	3954	3235	1511
77	2005 Federal Report Surplus Deficit	-163	-541	718	716	1075	1180	1536	1922	1408	-461	1315	4167	3588	2197
78	2006 Federal Report Surplus Deficit	1080	-238	-99.9	116	973	909	2347	3194	3478	3515	4101	5000	5033	2876
79	2007 Federal Report Surplus Deficit	1738	-685	-631	149	815	985	2630	1039	4230	2747	2471	4622	3102	2998
80	2008 Federal Report Surplus Deficit	854	-619	-764	258	1303	-48.6	667	467	1880	731	341	4847	5370	3182

Ranked Averages

81	**Bottom 10 pct**	**63.3**	**-718**	**-204**	**345**	**940**	**505**	**1179**	**1399**	**2589**	**982**	**2447**	**4125**	**3780**	**2276**
82	**Middle 80 pct**	**1684**	**711**	**20.0**	**507**	**1112**	**1048**	**1848**	**2152**	**2853**	**1725**	**2555**	**4450**	**4198**	**2595**
83	**Top 10 pct**	**3012**	**2944**	**1500**	**976**	**1700**	**1086**	**1839**	**1919**	**2672**	**1330**	**2107**	**3878**	**3152**	**2384**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	918	680	-197	151	204	-262	-251	-343	304	-899	395	1249	1974	-805
2	1930 Federal Report Surplus Deficit	910	-153	92.1	253	324	-206	-1651	-167	244	109	1841	1208	-784	1317
3	1931 Federal Report Surplus Deficit	1419	-191	-437	206	477	-154	-1474	-1369	-80.8	-1119	-2279	2190	-430	1646
4	1932 Federal Report Surplus Deficit	716	-825	-581	40.4	-153	-234	-1742	-1602	2091	3645	3477	3692	3952	3095
5	1933 Federal Report Surplus Deficit	1048	1491	222	387	378	617	2424	2416	2584	983	1981	3001	4251	4043
6	1934 Federal Report Surplus Deficit	2524	2118	64.4	923	2716	3389	3621	3673	3886	3656	3524	3228	3045	1827
7	1935 Federal Report Surplus Deficit	717	-570	-759	315	23.0	-335	2271	2315	2616	-481	2029	2587	2573	3156
8	1936 Federal Report Surplus Deficit	2315	277	-422	102	170	-236	-1340	-531	561	184	3445	3680	3788	1526
9	1937 Federal Report Surplus Deficit	897	-273	-419	4.05	423	-206	-1122	-1212	75.3	-602	-1372	1969	1209	6.28
10	1938 Federal Report Surplus Deficit	1093	-158	-298	278	135	93.8	1925	2064	3117	2602	3865	3527	3349	2991
11	1939 Federal Report Surplus Deficit	689	-468	93.5	400	36.8	-329	421	287	1577	1222	2946	3009	962	1189
12	1940 Federal Report Surplus Deficit	923	-430	-381	473	869	206	45.9	-195	3753	1432	2331	2848	1143	758
13	1941 Federal Report Surplus Deficit	328	-903	-460	145	326	66.2	-481	-436	1145	-1083	388	2185	1111	1600
14	1942 Federal Report Surplus Deficit	648	-412	69.5	145	766	1369	1421	327	2208	121	2029	2384	2657	3478
15	1943 Federal Report Surplus Deficit	1786	860	596	83.1	-283	267	2547	2751	2973	4177	4138	3219	4281	4079
16	1944 Federal Report Surplus Deficit	1490	308	-278	159	364	-316	-222	-277	-47.8	-803	473	540	-1478	499
17	1945 Federal Report Surplus Deficit	612	-904	-635	408	193	-285	-1349	-725	121	-846	-2160	3116	3491	-361
18	1946 Federal Report Surplus Deficit	1255	-476	-677	153	460	489	1272	924	3285	3025	3918	3579	3111	3623
19	1947 Federal Report Surplus Deficit	2283	1837	174	80.0	846	2845	3160	3247	3311	2213	2659	3540	3361	3245
20	1948 Federal Report Surplus Deficit	2074	1305	-11.0	2529	2204	1667	2955	2785	2411	1562	3407	3829	4194	3887
21	1949 Federal Report Surplus Deficit	2648	2725	542	384	722	278	1266	329	3663	2114	3700	3789	3630	-27.3
22	1950 Federal Report Surplus Deficit	-206	-1070	-790	224	43.4	343	2834	3112	3874	3286	3422	3391	4225	4149
23	1951 Federal Report Surplus Deficit	2369	1880	188	1103	2422	2923	3594	4058	4115	3653	3358	3535	3474	3857
24	1952 Federal Report Surplus Deficit	2537	1168	13.6	1993	1616	1699	2735	3061	2928	3429	4095	3813	3640	3112
25	1953 Federal Report Surplus Deficit	2053	1114	-776	51.4	235	-214	761	1985	2358	189	1887	3432	4271	3540
26	1954 Federal Report Surplus Deficit	1722	926	44.9	321	973	1002	2791	3247	3274	1780	2737	3529	4001	4072
27	1955 Federal Report Surplus Deficit	2782	3165	2370	442	1720	1036	715	115	511	-126	1414	2896	4279	4138
28	1956 Federal Report Surplus Deficit	2575	1797	-219	624	2112	2858	3494	4009	3941	3145	3923	3803	4203	3936
29	1957 Federal Report Surplus Deficit	2438	2280	94.6	553	682	1223	1541	-263	3296	3062	2607	3849	4135	2945
30	1958 Federal Report Surplus Deficit	1785	40.5	-76.2	182	482	238	1745	2172	2669	1280	3408	3820	3998	2098
31	1959 Federal Report Surplus Deficit	1617	-97.9	-306	240	1427	2504	3304	3553	3542	2623	2368	3103	4047	3990
32	1960 Federal Report Surplus Deficit	2708	2016	2603	3284	2743	2278	2182	1978	2893	4200	3302	2957	3844	2989
33	1961 Federal Report Surplus Deficit	1854	153	-306	394	618	520	2016	2899	3592	2027	2059	3461	4034	2693
34	1962 Federal Report Surplus Deficit	1789	562	-377	59.9	553	134	1934	1783	1069	3332	3860	3483	3167	2495
35	1963 Federal Report Surplus Deficit	1562	909	-576	736	1705	2207	2177	1956	2701	179	1671	3098	3430	2772
36	1964 Federal Report Surplus Deficit	1656	214	275	154	411	485	766	783	1186	2263	1452	3259	4259	4047
37	1965 Federal Report Surplus Deficit	2542	2345	863	1101	1411	2994	3848	4073	3737	1602	3767	3624	3636	2908
38	1966 Federal Report Surplus Deficit	2377	2231	-552	560	869	751	1444	1429	1451	3368	2511	2415	2978	3186
39	1967 Federal Report Surplus Deficit	1824	342	-141	14.6	457	874	3154	3357	3238	1035	41.7	2843	4050	3952
40	1968 Federal Report Surplus Deficit	2399	1736	144	334	1188	754	2418	2626	2939	-283	1008	2070	3679	3502
41	1969 Federal Report Surplus Deficit	2330	2321	1271	1154	2171	1738	3675	3443	3166	3381	3769	3778	3857	3317
42	1970 Federal Report Surplus Deficit	2016	961	0.52	325	806	-19.8	1727	1887	2059	402	1472	3194	4044	1905
43	1971 Federal Report Surplus Deficit	1320	-54.6	-392	47.0	407	456	3599	3880	4225	3055	3433	3738	4220	3903
44	1972 Federal Report Surplus Deficit	2658	3018	352	661	856	1087	3346	4057	4636	3967	3093	3719	4130	4046
45	1973 Federal Report Surplus Deficit	2673	3016	596	530	944	667	1726	225	1165	-1183	509	2149	525	637
46	1974 Federal Report Surplus Deficit	864	-693	-642	196	412	1662	3886	3849	4438	3773	3818	3668	4187	4171
47	1975 Federal Report Surplus Deficit	2605	3008	552	37.2	421	-39.5	2205	2227	2823	180	1337	3446	4166	4065
48	1976 Federal Report Surplus Deficit	2392	2317	601	1369	2403	3405	3449	3759	3535	3582	3418	3781	3831	3953
49	1977 Federal Report Surplus Deficit	2882	3214	3224	642	548	-380	-118	-18.0	167	-1201	361	448	-2066	235
50	1978 Federal Report Surplus Deficit	593	-769	-1080	-318	-88.9	1501	1462	1295	2713	3186	2566	3260	2753	3142
51	1979 Federal Report Surplus Deficit	1176	-20.4	1201	732	864	-169	120	669	2611	203	1872	3418	2468	-3.70
52	1980 Federal Report Surplus Deficit	227	-432	-192	28.1	318	-470	956	-435	1263	641	3135	3798	3763	1665
53	1981 Federal Report Surplus Deficit	528	-913	-93.3	321	584	2111	2759	3164	2735	-964	1542	3238	4093	3738
54	1982 Federal Report Surplus Deficit	2698	2268	213	328	1136	647	2585	4064	4381	3248	3063	3600	4180	4118

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	2700	2923	1303	1260	1244	1253	2930	2984	4359	2411	2777	3443	3875	3767
56	1984 Federal Report Surplus Deficit	2530	2562	482	417	2564	1619	2531	2737	3515	3601	3923	3521	4196	3756
57	1985 Federal Report Surplus Deficit	2383	818	488	489	1144	706	1282	1171	1141	1637	3420	3595	2814	-1102
58	1986 Federal Report Surplus Deficit	-423	-1090	-196	435	1664	947	1924	3302	4532	3604	3853	3000	3512	2399
59	1987 Federal Report Surplus Deficit	1162	-139	-617	43.8	664	844	482	-238	2389	-588	1288	2950	2157	556
60	1988 Federal Report Surplus Deficit	440	-1075	-523	80.8	108	-482	-1016	-1343	862	-678	1116	1950	858	1544
61	1989 Federal Report Surplus Deficit	1287	-122	-314	155	299	334	-1088	-1115	2126	2569	3782	2985	2475	1249
62	1990 Federal Report Surplus Deficit	529	-692	-364	201	865	1315	2351	2569	3062	1219	3475	2985	3871	2814
63	1991 Federal Report Surplus Deficit	2399	1521	-260	-5.46	2383	1957	3000	3112	2606	2299	2312	3237	3601	3841
64	1992 Federal Report Surplus Deficit	2699	2033	-278	112	428	-473	-128	196	2684	-1175	302	1997	-175	377
65	1993 Federal Report Surplus Deficit	651	-720	-777	173	419	-34.6	-1584	-1604	1319	305	844	3285	2873	1918
66	1994 Federal Report Surplus Deficit	1461	243	257	216	634	167	-1198	-806	124	-720	1170	2638	2368	1205
67	1995 Federal Report Surplus Deficit	1125	-613	-336	134	-60.7	61.5	-626	2371	3453	534	1368	3010	3877	2366
68	1996 Federal Report Surplus Deficit	1033	33.1	387	1147	2804	3386	3795	4066	4493	3348	3985	3693	3878	3901
69	1997 Federal Report Surplus Deficit	2654	2198	101	236	1029	1726	3952	3883	4425	3592	3963	3672	4173	3958
70	1998 Federal Report Surplus Deficit	2615	3014	1293	2754	2109	713	1232	2211	2090	-24.0	2483	3763	4109	3033
71	1999 Federal Report Surplus Deficit	2496	1253	-179	132	368	1156	3360	3793	4257	2227	3512	3368	4112	4076
72	2000 Federal Report Surplus Deficit	2889	3121	572	400	2607	2202	2114	2074	3056	3169	3690	3507	2008	2791
73	2001 Federal Report Surplus Deficit	1944	-509	-513	251	195	-249	-267	-295	550	-920	372	1407	-2244	822
74	2002 Federal Report Surplus Deficit	648	-896	-1013	-457	-74.3	-68.9	-960	-237	1898	951	3578	2983	4030	3889
75	2003 Federal Report Surplus Deficit	545	-22.9	-199	184	583	14.2	-920	-105	2905	1003	2175	2873	3594	1120
76	2004 Federal Report Surplus Deficit	521	-676	-660	307	1436	124	-753	-627	2594	413	1623	2716	2297	1310
77	2005 Federal Report Surplus Deficit	-58.5	-608	599	620	872	1002	1241	1474	1175	-607	1139	2878	2660	2073
78	2006 Federal Report Surplus Deficit	1174	-296	-216	27.8	768	744	1970	2669	3109	3410	3926	3665	4013	2883
79	2007 Federal Report Surplus Deficit	1750	-783	-764	62.2	600	817	2212	641	3879	2650	2292	3301	2150	3045
80	2008 Federal Report Surplus Deficit	957	-705	-895	167	1097	-171	472	91.7	1620	579	158	3499	4278	3272
	Ranked Averages														
81	**Bottom 10 pct**	**170**	**-846**	**-289**	**270**	**669**	**455**	**933**	**1026**	**2272**	**577**	**2027**	**2895**	**2815**	**2310**
82	**Middle 80 pct**	**1646**	**634**	**-102**	**413**	**854**	**848**	**1490**	**1647**	**2560**	**1631**	**2405**	**3152**	**3176**	**2615**
83	**Top 10 pct**	**2754**	**2719**	**1325**	**875**	**1421**	**904**	**1501**	**1452**	**2402**	**1168**	**1927**	**2625**	**2059**	**2382**

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Exhibit 18
Regional Report Surplus Deficit By Water Year
80 Water Year Regional Surplus/Deficit

Monthly 120-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Regional Report Surplus Deficit By Water Year

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	4628	3450	5274	6078	5217	2653	1946	3417	4574	2495	4979	9545	8655	2733
2	1930 Regional Report Surplus Deficit	3076	1829	5101	5889	5018	2530	501	3786	4589	3782	6536	9090	5110	5227
3	1931 Regional Report Surplus Deficit	3746	1904	4393	5779	5219	2591	468	1826	3990	2531	1253	10702	4842	5502
4	1932 Regional Report Surplus Deficit	3371	1479	4819	5644	4546	2570	278	1671	7361	9149	9753	13248	11349	7596
5	1933 Regional Report Surplus Deficit	5530	3975	5760	6221	5418	3900	6346	7796	8299	5173	6983	11745	11822	8774
6	1934 Regional Report Surplus Deficit	7353	5832	5894	7123	9075	8455	8424	9780	10412	9745	9379	12252	9406	5964
7	1935 Regional Report Surplus Deficit	3415	1907	4160	5824	4935	2485	6213	7185	7889	5082	7212	11390	9398	7585
8	1936 Regional Report Surplus Deficit	6470	2897	4971	5809	5001	2466	731	3193	5152	4370	9059	13499	11148	5893
9	1937 Regional Report Surplus Deficit	4572	2055	4825	5632	5115	2586	994	1846	4119	3014	2120	10379	7662	3664
10	1938 Regional Report Surplus Deficit	4301	2061	4399	6041	5036	3896	5212	7182	8949	7666	10106	12981	10508	7561
11	1939 Regional Report Surplus Deficit	4450	2524	5488	6209	4924	2619	3382	4616	6741	5563	8252	12421	7173	5280
12	1940 Regional Report Surplus Deficit	3545	1859	4822	6164	5780	3296	2853	4120	9399	6222	8672	12476	7275	4617
13	1941 Regional Report Surplus Deficit	2863	897	4154	5856	5098	3113	2112	3633	5943	2067	4243	10264	6632	5174
14	1942 Regional Report Surplus Deficit	2937	883	4588	5889	5766	5062	4859	3440	6704	4166	7125	11415	10511	8057
15	1943 Regional Report Surplus Deficit	5513	3694	6233	5794	4959	2999	6743	8211	8681	10297	10283	12554	11921	8884
16	1944 Regional Report Surplus Deficit	5286	3192	5486	6136	5371	2749	2033	3600	4140	2617	5069	7871	3572	3362
17	1945 Regional Report Surplus Deficit	2284	-160	3524	5769	4803	2512	863	2989	4422	2644	1513	11970	10650	3332
18	1946 Regional Report Surplus Deficit	4369	2401	4723	5940	5498	3859	4829	5508	9278	8328	10125	13164	10146	8332
19	1947 Regional Report Surplus Deficit	6840	5438	6163	5942	6086	7599	7708	9326	9707	7212	8001	12993	10509	7812
20	1948 Regional Report Surplus Deficit	6524	4838	5767	9602	8178	5618	7446	8383	7992	6237	9360	13357	11397	8582
21	1949 Regional Report Surplus Deficit	7451	6855	6586	6433	5874	3464	4583	4659	9883	7032	9983	13430	10873	3890
22	1950 Regional Report Surplus Deficit	2941	1564	4488	6073	4983	3611	7466	8938	10279	8518	8971	12504	11916	9131
23	1951 Regional Report Surplus Deficit	7109	5564	6222	7593	8788	7809	8472	10351	10604	9134	9491	12944	10623	8479
24	1952 Regional Report Surplus Deficit	7246	4262	5981	8957	7283	5664	7166	8503	8881	8828	10384	13448	11012	7766
25	1953 Regional Report Surplus Deficit	5954	3852	4744	5816	5044	2647	3773	7232	8002	4436	7002	12899	11956	8292
26	1954 Regional Report Surplus Deficit	5707	4212	5999	6363	6217	4663	7339	9278	9128	6695	8249	12906	11321	8879
27	1955 Regional Report Surplus Deficit	7717	7851	9048	6506	7267	4590	3937	4262	4766	4043	5878	11508	11914	9013
28	1956 Regional Report Surplus Deficit	7417	5435	5628	6787	7990	7587	8453	9891	10217	8289	9904	13234	11873	8797
29	1957 Regional Report Surplus Deficit	7424	6241	6101	6756	5852	5047	5171	3915	9327	8637	7968	13640	11831	7400
30	1958 Regional Report Surplus Deficit	5803	2760	5402	5942	5489	3584	5590	7563	8479	5967	9388	13395	11567	6398
31	1959 Regional Report Surplus Deficit	5571	2693	5111	6095	6810	6949	8240	9736	9758	7824	7643	12584	11426	8692
32	1960 Regional Report Surplus Deficit	7455	6794	9346	10716	9195	6536	6326	6985	8782	10583	9261	12065	11146	7415
33	1961 Regional Report Surplus Deficit	5888	2941	5243	6302	5757	3804	5820	8574	9551	8038	7064	12825	11169	6955
34	1962 Regional Report Surplus Deficit	5690	2964	5027	5835	5553	3167	5669	6852	5948	8976	10026	12963	10144	6877
35	1963 Regional Report Surplus Deficit	5736	4237	5041	6930	7313	6440	6435	6741	6666	4500	7651	12859	11238	7209
36	1964 Regional Report Surplus Deficit	5275	3340	6249	6059	5442	3828	3976	5325	6171	7302	6281	12290	11966	8935
37	1965 Regional Report Surplus Deficit	7335	6275	7052	7397	6805	7738	8313	10124	9965	6250	10061	13006	11034	7492
38	1966 Regional Report Surplus Deficit	7019	6204	5328	6701	6091	4282	5020	6304	6707	8939	7939	11081	9805	7579
39	1967 Regional Report Surplus Deficit	6338	3106	5462	5838	5475	4452	7872	9397	9371	5617	4107	11802	11638	8691
40	1968 Regional Report Surplus Deficit	6877	5240	5989	6413	6513	4328	6734	8361	9118	3548	5435	10645	11004	7992
41	1969 Regional Report Surplus Deficit	6637	5284	7628	7682	8185	5714	8211	9507	9003	8810	9886	13395	11307	7933
42	1970 Regional Report Surplus Deficit	6337	4477	5683	6263	5952	3167	5591	6944	7814	4708	6222	12607	11608	6345
43	1971 Regional Report Surplus Deficit	4612	2753	5197	5893	5538	3859	8366	9911	10674	8160	9392	13178	11979	8803
44	1972 Regional Report Surplus Deficit	7638	7491	6527	6977	6261	4812	8113	10114	11303	10398	8771	13224	11549	8854
45	1973 Regional Report Surplus Deficit	7606	7531	6850	6747	6321	4229	5562	4643	6139	2557	4664	10170	6607	4628
46	1974 Regional Report Surplus Deficit	2959	657	4504	5950	5625	5649	8544	9965	10853	9110	9821	12613	11719	9178
47	1975 Regional Report Surplus Deficit	7587	7537	6571	5994	5518	3193	6238	7521	8603	4386	5993	12834	11888	8966
48	1976 Regional Report Surplus Deficit	6966	5868	6812	8044	8607	8517	8490	9793	9747	9033	9407	13235	11311	8764
49	1977 Regional Report Surplus Deficit	7861	8072	9942	6836	5678	2624	2081	3825	4369	2372	4589	7736	2435	2751
50	1978 Regional Report Surplus Deficit	1865	295	3016	4630	4657	5362	5136	6116	8511	8306	8159	13151	9646	7659
51	1979 Regional Report Surplus Deficit	6092	4347	7650	6798	5940	2838	2722	5251	8474	4190	6801	13144	9191	3770
52	1980 Regional Report Surplus Deficit	2616	1333	5042	5661	5053	2381	4254	3829	6473	4914	9029	13758	11162	6046
53	1981 Regional Report Surplus Deficit	3402	1426	5437	6111	5557	6378	7330	9103	6789	2687	7049	13008	11546	8217
54	1982 Regional Report Surplus Deficit	7442	6563	6026	6338	6388	4115	6889	10162	10873	8674	8330	12855	12039	9121

Regional Report Surplus Deficit By Water Year

Operating Year 2016

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	7552	7202	7768	7870	6684	5061	7547	8706	10920	7661	8097	12763	11407	8489
56	1984 Regional Report Surplus Deficit	7311	5088	6676	6584	9003	5577	6940	8457	9689	9203	9708	12977	12028	8493
57	1985 Regional Report Surplus Deficit	7017	4186	6695	6711	6700	4232	4951	5527	6580	6419	9022	13069	9551	2273
58	1986 Regional Report Surplus Deficit	2564	1305	5086	6509	7411	4396	5770	8726	11171	9048	9731	12159	10494	6855
59	1987 Regional Report Surplus Deficit	4993	2191	5107	5938	5869	4455	3663	3978	8230	3157	5997	11933	8530	4457
60	1988 Regional Report Surplus Deficit	2409	1092	4313	5690	4625	2287	1179	1916	4141	3186	5990	10594	8045	5507
61	1989 Regional Report Surplus Deficit	3941	2095	4280	5802	5171	3446	1299	2685	7486	7711	9718	12192	9300	5416
62	1990 Regional Report Surplus Deficit	3115	1850	4656	5859	5967	4906	6792	7579	8695	5620	9751	11997	11069	7306
63	1991 Regional Report Surplus Deficit	6431	4523	5430	5771	8520	5879	7593	8941	8235	7182	7180	12285	10706	8386
64	1992 Regional Report Surplus Deficit	7418	5638	5325	5824	5338	2301	2451	4414	6485	2599	4590	10225	6283	3054
65	1993 Regional Report Surplus Deficit	2033	694	3292	5608	5192	2800	611	1520	6214	4307	5525	12376	9864	6378
66	1994 Regional Report Surplus Deficit	4778	2645	5186	5828	5405	3052	1142	2890	4684	3018	5887	11644	8919	5253
67	1995 Regional Report Surplus Deficit	3417	1265	4484	5689	4682	3020	2039	7666	8759	6454	6531	12848	11393	6882
68	1996 Regional Report Surplus Deficit	4682	2676	6034	7388	9350	8595	8541	10428	11235	8796	10508	13270	11362	8667
69	1997 Regional Report Surplus Deficit	7392	6019	6100	6151	6275	5719	8515	9937	10935	9158	10162	13055	11462	8878
70	1998 Regional Report Surplus Deficit	7463	7507	7827	9954	8007	4306	4828	7581	7799	4024	7646	13403	11815	7737
71	1999 Regional Report Surplus Deficit	7090	5780	5531	6080	5399	4961	8236	9871	10519	7137	9380	12597	11848	9050
72	2000 Regional Report Surplus Deficit	8033	7798	6764	6477	8793	6476	6192	7199	8976	8788	10042	13002	8684	7221
73	2001 Regional Report Surplus Deficit	6184	2060	4914	6065	4987	2642	1739	3321	4880	2591	4583	9279	2407	3697
74	2002 Regional Report Surplus Deficit	2392	36.4	3114	4359	4410	2781	1517	3765	5299	7778	9577	11986	11301	8451
75	2003 Regional Report Surplus Deficit	5205	3477	4734	5729	5283	2881	1565	3957	8823	5371	7208	11896	10745	5159
76	2004 Regional Report Surplus Deficit	2486	1497	4367	6021	6691	3124	1692	3365	6568	4485	6795	11872	10140	5568
77	2005 Regional Report Surplus Deficit	2619	2073	6653	6335	5695	4111	4489	6154	5971	2991	5619	12085	9503	6244
78	2006 Regional Report Surplus Deficit	4245	1884	4935	5429	5679	4092	5935	7562	8930	9700	9931	13203	11586	7375
79	2007 Regional Report Surplus Deficit	5719	1555	4595	5689	5734	4187	6092	5091	10382	7481	7385	12507	8775	7298
80	2008 Regional Report Surplus Deficit	4256	1898	4204	5195	5886	2556	3301	4088	6710	4936	4562	12745	11998	7989

Ranked Averages

81	**Bottom 10 pct**	**2331**	**762**	**3969**	**5531**	**5355**	**3205**	**2628**	**4028**	**6600**	**5583**	**7040**	**12233**	**10163**	**6224**
82	**Middle 80 pct**	**5458**	**3530**	**5508**	**6371**	**6116**	**4430**	**5264**	**6725**	**8160**	**6402**	**7812**	**12277**	**10168**	**6961**
83	**Top 10 pct**	**7682**	**7624**	**7662**	**7170**	**6816**	**4411**	**5562**	**6731**	**7860**	**5529**	**6960**	**11830**	**9537**	**7207**

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	4599	3687	5740	6334	5226	2829	1997	3490	4836	3274	5266	8303	7025	2094
2	1930 Regional Report Surplus Deficit	3997	2378	5715	6142	5067	2710	457	3861	4863	4547	6857	7848	3121	4678
3	1931 Regional Report Surplus Deficit	4603	2128	5144	6030	5294	2757	451	1913	4312	3500	2031	9857	3045	4999
4	1932 Regional Report Surplus Deficit	3576	1426	4734	5898	4520	2745	190	1788	7503	9744	9938	11777	9620	7404
5	1933 Regional Report Surplus Deficit	4700	4644	6251	6471	5462	4032	5981	7547	8260	5963	7306	10380	9999	8917
6	1934 Regional Report Surplus Deficit	6751	5951	6278	7364	8775	8052	8276	9594	10314	10314	9590	10742	7972	5367
7	1935 Regional Report Surplus Deficit	3939	2009	4546	6073	4893	2672	5862	7015	8382	4242	7535	10110	7817	7413
8	1936 Regional Report Surplus Deficit	6227	3307	5270	6065	5024	2642	708	3272	5382	5138	9456	12034	9518	5393
9	1937 Regional Report Surplus Deficit	4473	2650	5224	5891	5181	2756	1023	1933	4419	4148	2905	9614	6050	3027
10	1938 Regional Report Surplus Deficit	4752	2856	5422	6293	5027	3487	5462	7041	8906	8318	10416	11479	8895	7338
11	1939 Regional Report Surplus Deficit	4216	2400	5947	6459	4903	2806	3403	4662	6866	6405	8590	11067	5457	4718
12	1940 Regional Report Surplus Deficit	4523	2462	5433	6411	5871	3448	2889	4192	10046	6798	7772	10744	5570	4015
13	1941 Regional Report Surplus Deficit	3005	1141	5032	6108	5149	3279	2162	3709	6091	3227	4946	9371	5045	4674
14	1942 Regional Report Surplus Deficit	3466	1919	5978	6140	5855	5138	4739	4758	7694	4803	7251	9814	7960	8012
15	1943 Regional Report Surplus Deficit	5425	4066	6853	6050	4503	3712	6337	7980	8751	11043	10681	11133	10103	8847
16	1944 Regional Report Surplus Deficit	5308	3541	5861	6392	5411	2930	2082	3670	4461	3389	5359	6928	1458	2744
17	1945 Regional Report Surplus Deficit	2605	371	4311	6019	4826	2682	835	3075	4724	3425	1827	10626	9031	2770
18	1946 Regional Report Surplus Deficit	4531	1884	4908	6196	5551	4000	4741	5519	9205	9069	10442	11570	8571	8307
19	1947 Regional Report Surplus Deficit	6419	5592	6544	6200	6171	7489	7218	8988	9571	7918	8336	11508	8908	7669
20	1948 Regional Report Surplus Deficit	6099	4849	6127	9854	8106	5666	6977	8054	8006	7031	9708	11859	9559	8626
21	1949 Regional Report Surplus Deficit	6838	6808	7005	6684	5958	3617	4463	4706	9764	7704	10267	11985	9205	3353
22	1950 Regional Report Surplus Deficit	3044	1681	4888	6327	4942	3754	6996	8575	10197	9248	9255	10882	10142	9157
23	1951 Regional Report Surplus Deficit	6604	5744	6617	7832	8673	7693	8225	10197	10540	9852	9720	11394	8975	8565
24	1952 Regional Report Surplus Deficit	6654	4681	6333	9216	7330	5711	6709	8184	8819	9616	10743	11965	9370	7580
25	1953 Regional Report Surplus Deficit	5815	4722	5020	6074	5075	2821	3764	7165	8026	5205	7323	11403	10147	8238
26	1954 Regional Report Surplus Deficit	5672	4490	6338	6615	6307	4768	6882	8733	9149	7473	8572	11380	9651	8874
27	1955 Regional Report Surplus Deficit	7134	7468	9559	6756	7297	4682	3927	4316	5003	4806	6190	10180	10103	9047
28	1956 Regional Report Surplus Deficit	6840	5556	5973	7035	7942	7476	7996	9612	10164	8991	10266	11710	10077	8878
29	1957 Regional Report Surplus Deficit	6870	6323	6484	7004	5932	5136	5003	3989	9243	9243	8303	12260	9989	7165
30	1958 Regional Report Surplus Deficit	5735	3164	5851	6197	5556	3742	5415	7414	8446	6768	9632	11996	9855	5721
31	1959 Regional Report Surplus Deficit	4580	3201	5513	6349	6878	6897	7749	9336	9591	8515	8002	10932	9657	8777
32	1960 Regional Report Surplus Deficit	6869	5790	9977	10914	8892	6477	5992	6884	8781	11130	9505	10726	9423	7222
33	1961 Regional Report Surplus Deficit	5703	3337	5696	6552	5833	3941	5555	8236	9706	7605	7428	11219	9373	6675
34	1962 Regional Report Surplus Deficit	5613	3259	5474	6092	5624	3329	5448	6785	6114	9640	10301	11470	8575	6524
35	1963 Regional Report Surplus Deficit	5431	4287	5332	7175	7345	6423	5633	7461	8438	5133	7077	11378	8978	6966
36	1964 Regional Report Surplus Deficit	5270	3321	6572	6314	5493	3968	3963	5341	6324	8014	6592	10885	10150	8985
37	1965 Regional Report Surplus Deficit	6780	6318	7471	7635	6875	7605	8303	9982	9873	7070	10401	11482	9258	7265
38	1966 Regional Report Surplus Deficit	6653	6283	5667	6948	6182	4397	4901	6267	6833	9550	8272	9826	8238	7422
39	1967 Regional Report Surplus Deficit	5509	3405	5888	6094	5531	4567	7360	8999	9256	6461	4366	10459	9831	8795
40	1968 Regional Report Surplus Deficit	6478	5420	6333	6664	6599	4444	6349	8054	9010	4312	5739	9413	9264	7940
41	1969 Regional Report Surplus Deficit	6332	6338	8033	7916	8123	5757	8027	9096	8932	9528	10172	11905	9584	7819
42	1970 Regional Report Surplus Deficit	5996	4327	5976	6517	6040	3338	5408	6872	7847	5478	6535	11234	9813	5880
43	1971 Regional Report Surplus Deficit	5142	2975	5524	6149	5584	4002	7932	9769	10662	8925	9722	11621	10171	8835
44	1972 Regional Report Surplus Deficit	7042	7335	6900	7224	6349	4913	7624	9952	11409	11010	9065	11656	9707	8922
45	1973 Regional Report Surplus Deficit	6985	7301	7246	6996	6412	4361	5391	4692	6290	3401	4956	8935	4829	4018
46	1974 Regional Report Surplus Deficit	3989	1880	5259	6203	5666	5682	8605	9823	10955	9927	10137	11044	9905	9115
47	1975 Regional Report Surplus Deficit	6977	7291	6929	6252	5568	3368	5901	7366	8640	5154	6303	11274	10022	8955
48	1976 Regional Report Surplus Deficit	6649	6495	7209	8278	8491	8301	8009	9540	9626	9802	9620	11722	9577	8840
49	1977 Regional Report Surplus Deficit	7295	7615	10856	7083	5752	2799	2124	3882	4646	3378	5340	6793	367	2121
50	1978 Regional Report Surplus Deficit	2454	505	3897	4894	4480	5363	5002	6098	8543	8927	8489	11537	8073	7482
51	1979 Regional Report Surplus Deficit	4909	3158	7839	7042	6030	3017	2761	5281	8472	4956	7122	11712	7607	3132
52	1980 Regional Report Surplus Deficit	2970	2019	5500	5918	5101	2577	4218	3906	6614	5693	9352	12316	9418	5724
53	1981 Regional Report Surplus Deficit	3553	1743	5847	6362	5635	6345	6862	8723	8511	3342	6801	11052	9757	8300
54	1982 Regional Report Surplus Deficit	6825	6000	6353	6590	6475	4246	6478	10019	10995	9340	8657	11357	10148	9020

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	6968	7088	8149	8106	6768	5150	7085	8422	10948	8254	8417	11290	9655	8510
56	1984 Regional Report Surplus Deficit	6887	6862	7065	6834	8851	5635	6545	8134	9711	9920	10021	11521	10162	8511
57	1985 Regional Report Surplus Deficit	6668	4383	7091	6962	6789	4358	4830	5948	6301	7220	9289	11557	7979	1643
58	1986 Regional Report Surplus Deficit	2684	1422	5861	6761	7452	4503	5568	8706	11281	9742	10035	10842	8838	6426
59	1987 Regional Report Surplus Deficit	4920	2710	5360	6195	5945	4572	3678	4049	8230	4317	6763	10807	6987	3844
60	1988 Regional Report Surplus Deficit	3455	1281	4879	5943	4656	2483	1197	2002	5666	3892	6185	9244	5290	4984
61	1989 Regional Report Surplus Deficit	4599	2687	5145	6056	5201	3596	1308	2772	7633	8388	10039	10826	7715	4856
62	1990 Regional Report Surplus Deficit	3924	2069	5264	6113	6057	4976	6199	7703	8826	6466	9741	10637	9456	7034
63	1991 Regional Report Surplus Deficit	6349	5061	5766	6030	8410	5895	7093	8566	8223	7974	7505	10845	9027	8495
64	1992 Regional Report Surplus Deficit	6813	5772	5620	6080	5394	2494	2498	4464	8226	3451	4925	8954	2730	2431
65	1993 Regional Report Surplus Deficit	2578	947	4375	5859	5254	2970	554	1603	6382	5074	5822	11010	8293	5909
66	1994 Regional Report Surplus Deficit	5009	3059	5926	6081	5488	3205	1141	2974	4974	4180	6671	10625	7408	4691
67	1995 Regional Report Surplus Deficit	4076	1510	5232	5942	4608	3185	2083	7527	9675	5370	6274	11168	9665	6503
68	1996 Regional Report Surplus Deficit	4859	2999	6419	7626	8997	8192	8502	10286	11363	9506	10807	11797	9578	8751
69	1997 Regional Report Surplus Deficit	6846	6042	6442	6405	6366	5768	8582	9795	11059	9887	10528	11520	9630	8931
70	1998 Regional Report Surplus Deficit	6932	7347	8246	10194	7963	4434	4752	7405	7843	4788	7977	12019	10018	7526
71	1999 Regional Report Surplus Deficit	6695	4940	5821	6337	5436	5055	7680	9552	10599	7783	9670	11141	10075	9109
72	2000 Regional Report Surplus Deficit	7428	7617	7157	6728	8601	6451	5918	7086	8921	9462	10287	11458	7057	6947
73	2001 Regional Report Surplus Deficit	5933	2523	5262	6319	5011	2819	1787	3391	5106	3746	5342	8599	226	3097
74	2002 Regional Report Surplus Deficit	2636	433	4149	4621	4283	2955	1539	3834	7200	6225	9646	10628	9597	8485
75	2003 Regional Report Surplus Deficit	3954	2969	5393	5981	5363	3048	1591	4022	8777	6162	7536	10547	9071	4583
76	2004 Regional Report Surplus Deficit	3762	1772	5022	6270	6745	3287	1730	3447	8347	5057	6634	10402	7472	4990
77	2005 Regional Report Surplus Deficit	2804	2341	6867	6580	5785	4214	4370	6110	6114	3757	5929	10701	7928	5792
78	2006 Regional Report Surplus Deficit	4417	2002	5344	5684	5766	4214	5674	8015	8921	9584	10251	11747	9906	7102
79	2007 Regional Report Surplus Deficit	5690	1709	4963	5946	5806	4305	5769	5117	10232	8107	7715	11040	7169	7077
80	2008 Regional Report Surplus Deficit	4626	1907	4758	5446	5972	2734	3317	4144	6815	5711	4838	11272	10169	7829

Ranked Averages

81	**Bottom 10 pct**	**2717**	**1147**	**4999**	**5845**	**5291**	**3568**	**3031**	**4630**	**7119**	**5759**	**7006**	**10879**	**8278**	**5908**
82	**Middle 80 pct**	**5366**	**3761**	**5925**	**6614**	**6136**	**4487**	**5012**	**6597**	**8355**	**7112**	**8136**	**10866**	**8392**	**6704**
83	**Top 10 pct**	**7095**	**7383**	**8130**	**7417**	**6839**	**4520**	**5340**	**6640**	**7962**	**6282**	**7317**	**10451**	**7720**	**7006**

Regional Report Surplus Deficit By Water Year

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	3980	3145	5258	5901	4919	2298	1563	3046	4318	3962	6038	8865	7791	1718
2	1930 Regional Report Surplus Deficit	3377	1851	5225	5712	4719	2176	118	3415	4332	5248	7577	8410	4240	4228
3	1931 Regional Report Surplus Deficit	4053	1596	4657	5579	4921	2236	84.5	1455	3734	3997	2312	10018	3972	4507
4	1932 Regional Report Surplus Deficit	2945	965	4261	5455	4248	2216	-105	1300	7191	10519	10504	12595	10458	6613
5	1933 Regional Report Surplus Deficit	4058	4150	5724	6008	5115	3546	6095	7043	8093	6632	8044	11065	10945	7811
6	1934 Regional Report Surplus Deficit	6623	5542	5753	6843	8642	8077	8184	9614	10057	10981	10177	11563	8700	4836
7	1935 Regional Report Surplus Deficit	3306	1502	4069	5607	4635	2131	5827	7085	7959	4924	8252	10717	8512	6603
8	1936 Regional Report Surplus Deficit	5959	2763	4799	5634	4703	2112	348	2822	4896	5837	10236	12846	10294	4889
9	1937 Regional Report Surplus Deficit	3851	2132	4748	5474	4817	2231	611	1474	3863	4481	3179	9699	6793	2656
10	1938 Regional Report Surplus Deficit	4160	2324	4940	5852	4738	2967	5293	6810	8724	9086	11041	12326	9641	6577
11	1939 Regional Report Surplus Deficit	3579	1903	5435	5986	4626	2265	2998	4245	6485	7071	9299	11734	6303	4281
12	1940 Regional Report Surplus Deficit	3922	1942	4947	5937	5441	2941	2470	3749	9895	7472	8484	11380	6406	3644
13	1941 Regional Report Surplus Deficit	2367	686	4547	5637	4782	2759	1729	3262	5686	3533	5302	9585	5763	4178
14	1942 Regional Report Surplus Deficit	2835	1405	5425	5644	5413	4611	4476	4342	7413	5505	7984	10411	8655	7055
15	1943 Regional Report Surplus Deficit	4993	3532	6294	5607	4661	3203	6342	7849	8582	11848	11449	11899	11055	7873
16	1944 Regional Report Surplus Deficit	4777	2995	5383	5961	5072	2395	1650	3228	3883	4083	6128	7191	2702	2379
17	1945 Regional Report Surplus Deficit	1972	-93.8	3831	5550	4504	2158	480	2617	4165	4110	2572	11309	9776	2315
18	1946 Regional Report Surplus Deficit	3941	1391	4447	5758	5200	3505	4437	5147	9072	9842	11081	12459	9260	7352
19	1947 Regional Report Surplus Deficit	6146	5143	6027	5761	5759	7020	7405	8927	9272	8663	9046	12334	9635	6830
20	1948 Regional Report Surplus Deficit	5779	4338	5639	9282	7681	5163	7042	7962	7721	7704	10485	12685	10541	7601
21	1949 Regional Report Surplus Deficit	6698	6530	6439	6203	5557	3109	4199	4288	9646	8484	10907	12779	9991	2873
22	1950 Regional Report Surplus Deficit	2434	1305	4427	5878	4685	3256	6979	8537	10071	10095	10101	11782	11093	8153
23	1951 Regional Report Surplus Deficit	6406	5297	6093	7303	8294	7235	8155	10238	10353	10627	10352	12282	9748	7500
24	1952 Regional Report Surplus Deficit	6224	4159	5835	8615	6860	5211	6687	8297	8516	10344	11385	12766	10128	6783
25	1953 Regional Report Surplus Deficit	5490	4199	4562	5657	4746	2292	3389	6828	7746	5902	8062	12204	11167	7308
26	1954 Regional Report Surplus Deficit	5180	3955	5849	6164	5869	4278	6925	8698	8993	8144	9289	12257	10581	7857
27	1955 Regional Report Surplus Deficit	6896	7153	9029	6278	6819	4193	3554	3891	4510	5509	6920	10832	11031	8031
28	1956 Regional Report Surplus Deficit	6730	5103	5490	6557	7482	7009	8008	9665	10001	9756	10873	12556	11023	7841
29	1957 Regional Report Surplus Deficit	6567	5945	5979	6504	5531	4624	4788	3543	9115	10010	9012	12960	11009	6304
30	1958 Regional Report Surplus Deficit	5265	2626	5364	5765	5191	3230	5207	7164	8222	7434	10446	12741	10601	5554
31	1959 Regional Report Surplus Deficit	3960	2663	5032	5897	6392	6382	7778	9335	9470	9363	8742	11847	10548	7719
32	1960 Regional Report Surplus Deficit	6763	5377	9498	10421	8772	5985	5843	6677	8544	12050	10183	11383	10248	6426
33	1961 Regional Report Surplus Deficit	5256	2796	5216	6100	5451	3449	5437	8175	9561	8295	8145	12110	10327	5968
34	1962 Regional Report Surplus Deficit	5148	2713	4991	5671	5255	2812	5286	6481	5691	10416	10899	12278	9275	5888
35	1963 Regional Report Surplus Deficit	4937	3752	4866	6684	6874	5907	5548	7270	8208	5835	7799	12066	9711	6233
36	1964 Regional Report Surplus Deficit	4797	2776	6067	5879	5144	3474	3592	4953	5914	8753	7340	11633	11081	7953
37	1965 Regional Report Surplus Deficit	6655	5972	6914	7089	6423	7179	8130	9995	9756	7817	11031	12341	10115	6510
38	1966 Regional Report Surplus Deficit	6463	5912	5189	6475	5742	3927	4637	5933	6451	10333	8983	10401	8922	6596
39	1967 Regional Report Surplus Deficit	5064	2859	5401	5665	5177	4097	7389	8992	9103	7130	5166	11135	10790	7716
40	1968 Regional Report Surplus Deficit	5971	4959	5834	6198	6123	3961	6332	7948	8847	5015	6477	9965	10111	7011
41	1969 Regional Report Surplus Deficit	6090	5998	7457	7352	7700	5258	7989	9095	8763	10306	10815	12718	10422	6949
42	1970 Regional Report Surplus Deficit	5615	3793	5488	6072	5635	2813	5193	6572	7557	6174	7262	11981	10664	5349
43	1971 Regional Report Surplus Deficit	4572	2441	5044	5725	5240	3504	8005	9799	10460	9706	10328	12495	11129	7825
44	1972 Regional Report Surplus Deficit	6912	7126	6395	6752	5947	4443	7714	10001	11041	11616	9822	12513	10643	7865
45	1973 Regional Report Surplus Deficit	6814	7067	6707	6521	5991	3872	5179	4271	5883	4024	5723	9487	5738	3624
46	1974 Regional Report Surplus Deficit	3365	1389	4778	5767	5325	5167	8373	9854	10681	10777	10743	11954	10878	8127
47	1975 Regional Report Surplus Deficit	6868	7098	6404	5832	5220	2839	5826	7149	8383	5852	7053	12162	10943	7968
48	1976 Regional Report Surplus Deficit	6452	6137	6649	7701	8112	8044	8091	9569	9476	10583	10265	12571	10424	7785
49	1977 Regional Report Surplus Deficit	7040	7301	10151	6601	5379	2270	1698	3454	4113	3838	5648	7056	1566	1778
50	1978 Regional Report Surplus Deficit	1821	21.7	3436	4479	4359	4785	4701	5768	8334	9721	9211	12446	8777	6676
51	1979 Regional Report Surplus Deficit	4326	2619	7250	6539	5610	2484	2339	4879	8218	5657	7846	12491	8322	2761
52	1980 Regional Report Surplus Deficit	2333	1514	5017	5501	4755	2027	3871	3457	6217	6380	10063	13081	10281	5054
53	1981 Regional Report Surplus Deficit	2916	1281	5355	5904	5256	5807	6924	8715	8305	4030	7548	11787	10755	7248
54	1982 Regional Report Surplus Deficit	6632	5614	5855	6137	6021	3761	6489	10050	10682	10107	9423	12181	11094	8114

Regional Report Surplus Deficit By Water Year

Operating Year 2018

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	6708	6853	7560	7554	6315	4644	7149	8371	10709	9046	9141	12127	10493	7510
56	1984 Regional Report Surplus Deficit	6761	6564	6523	6390	8525	5141	6539	8041	9636	10691	10804	12357	11098	7513
57	1985 Regional Report Surplus Deficit	6410	3842	6553	6500	6345	3877	4500	5588	5888	7957	10117	12401	8688	1300
58	1986 Regional Report Surplus Deficit	2086	1045	5377	6311	6982	4041	5387	8678	10950	10511	10790	11540	9622	5802
59	1987 Regional Report Surplus Deficit	4322	2184	4885	5760	5568	4098	3280	3607	7974	4623	7056	11252	7662	3453
60	1988 Regional Report Surplus Deficit	2815	853	4405	5511	4326	1932	796	1544	5218	4586	6938	9790	6185	4510
61	1989 Regional Report Surplus Deficit	4028	2157	4665	5618	4873	3092	916	2313	7322	9169	10687	11509	8427	4428
62	1990 Regional Report Surplus Deficit	3286	1595	4787	5682	5642	4486	6139	7564	8641	7177	10499	11321	10306	6317
63	1991 Regional Report Surplus Deficit	6105	4571	5285	5611	8027	5341	7065	8527	7972	8733	8297	11599	9824	7423
64	1992 Regional Report Surplus Deficit	6583	5351	5115	5656	5040	1947	2068	4042	7989	4065	5213	9085	3705	2048
65	1993 Regional Report Surplus Deficit	1944	455	3899	5415	4893	2446	228	1148	5971	5773	6584	11758	8994	5384
66	1994 Regional Report Surplus Deficit	4459	2516	5436	5635	5106	2697	759	2518	4428	4484	6946	10966	8051	4253
67	1995 Regional Report Surplus Deficit	3476	1013	4744	5500	4384	2665	1656	7303	9544	6063	7004	11863	10520	5891
68	1996 Regional Report Surplus Deficit	4248	2464	5878	7104	8949	8241	8370	10316	10913	10332	11438	12622	10447	7700
69	1997 Regional Report Surplus Deficit	6572	5646	5946	5969	5941	5270	8323	9823	10767	10706	11138	12373	10556	7903
70	1998 Regional Report Surplus Deficit	6796	7141	7663	9639	7550	3951	4445	7205	7542	5491	8706	12731	10888	6749
71	1999 Regional Report Surplus Deficit	6468	4418	5338	5916	5101	4579	7776	9586	10382	8594	10479	11960	10986	8088
72	2000 Regional Report Surplus Deficit	7220	7423	6591	6287	8330	5916	5809	6827	8719	10229	10881	12322	7813	6235
73	2001 Regional Report Surplus Deficit	5507	2032	4789	5871	4688	2288	1355	2949	4624	4057	5642	8599	1538	2695
74	2002 Regional Report Surplus Deficit	2001	-19.9	3688	4208	4112	2427	1134	3394	6879	6884	10335	11311	10499	7428
75	2003 Regional Report Surplus Deficit	3314	2441	4912	5536	4984	2526	1182	3586	8558	6819	8251	11218	9871	4223
76	2004 Regional Report Surplus Deficit	3122	1304	4552	5809	6271	2770	1309	2994	8120	5753	7358	11025	8188	4548
77	2005 Regional Report Surplus Deficit	2177	1849	6311	6091	5349	3710	4105	5782	5714	4458	6678	11397	8633	5251
78	2006 Regional Report Surplus Deficit	3809	1497	4864	5252	5368	3737	5520	7853	8745	10353	10955	12573	10826	6276
79	2007 Regional Report Surplus Deficit	5194	1258	4505	5525	5404	3833	5692	4719	10061	8900	8428	11824	7885	6313
80	2008 Regional Report Surplus Deficit	4005	1440	4297	4999	5524	2201	2918	3717	6454	6384	5621	12111	11171	7003

Ranked Averages

81	**Bottom 10 pct**	**2088**	**682**	**4513**	**5399**	**4967**	**3044**	**2704**	**4263**	**6740**	**6421**	**7692**	**11553**	**9043**	**5261**
82	**Middle 80 pct**	**4917**	**3303**	**5398**	**6108**	**5740**	**3980**	**4844**	**6396**	**8113**	**7772**	**8790**	**11579**	**9254**	**5981**
83	**Top 10 pct**	**6913**	**6961**	**7805**	**7291**	**6751**	**4184**	**5008**	**6184**	**7342**	**7326**	**8117**	**11061**	**8609**	**6084**

Regional Report Surplus Deficit By Water Year

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	3669	2675	4896	5663	4336	1946	1197	2701	3990	2649	5168	7403	6525	1374
2	1930 Regional Report Surplus Deficit	3067	1393	4871	5471	4177	1826	-343	3073	4017	3899	6710	6948	2623	3971
3	1931 Regional Report Surplus Deficit	3691	1142	4300	5359	4404	1873	-350	1124	3466	2549	1359	8511	2417	4295
4	1932 Regional Report Surplus Deficit	2644	440	3890	5227	3630	1861	-610	999	6657	9186	9612	10865	9166	6709
5	1933 Regional Report Surplus Deficit	3770	3635	5407	5801	4572	3148	5229	6622	7326	5430	7218	9435	9509	8151
6	1934 Regional Report Surplus Deficit	5841	4946	5434	6694	7865	7168	7342	8783	9459	9550	9234	9839	7489	4665
7	1935 Regional Report Surplus Deficit	3006	1024	3702	5402	4003	1789	5062	6539	7355	3584	7384	9151	7304	6721
8	1936 Regional Report Surplus Deficit	5312	2321	4426	5394	4135	1758	-93.0	2483	4536	4487	9357	11116	9046	4686
9	1937 Regional Report Surplus Deficit	3542	1665	4380	5220	4291	1872	222	1145	3573	3156	2260	8210	5437	2312
10	1938 Regional Report Surplus Deficit	3823	1871	4578	5622	4137	2604	4662	6294	8103	7772	10158	10587	8429	6644
11	1939 Regional Report Surplus Deficit	3282	1414	5104	5788	4013	1923	2603	3873	6020	5687	8420	10109	4956	4010
12	1940 Regional Report Surplus Deficit	3594	1477	4589	5741	4981	2564	2089	3403	9244	6157	7614	9780	5069	3336
13	1941 Regional Report Surplus Deficit	2101	156	4188	5437	4260	2395	1362	2920	5245	2229	4433	8056	4435	3969
14	1942 Regional Report Surplus Deficit	2534	934	5134	5469	4965	4254	3939	3969	6848	4155	7116	8854	7452	7308
15	1943 Regional Report Surplus Deficit	4505	3081	6010	5379	3613	2829	5536	7281	7962	10357	10565	10203	9662	8183
16	1944 Regional Report Surplus Deficit	4383	2528	5017	5722	4521	2047	1281	2882	3615	2759	5259	5758	961	2054
17	1945 Regional Report Surplus Deficit	1701	-614	3468	5348	3936	1798	34.8	2286	3878	2802	1629	9654	8556	1986
18	1946 Regional Report Surplus Deficit	3603	899	4064	5525	4662	3117	3900	4782	8433	8460	10204	10715	8056	7620
19	1947 Regional Report Surplus Deficit	5504	4607	5701	5529	5281	6527	6488	8145	8563	7268	8201	10603	8425	6978
20	1948 Regional Report Surplus Deficit	5182	3863	5283	9108	7210	4783	6164	7337	7146	6394	9564	11032	9087	7942
21	1949 Regional Report Surplus Deficit	5931	5808	6162	6013	5068	2734	3662	3918	8987	7168	10010	11076	8769	2563
22	1950 Regional Report Surplus Deficit	2103	696	4044	5656	4052	2871	6068	7782	9393	8767	9236	10039	9683	8403
23	1951 Regional Report Surplus Deficit	5694	4737	5774	7161	7745	6733	7272	9419	9746	9345	9442	10529	8537	7842
24	1952 Regional Report Surplus Deficit	5742	3696	5489	8465	6440	4827	5774	7740	7905	9023	10506	11110	8905	6887
25	1953 Regional Report Surplus Deficit	4899	3711	4176	5403	4186	1937	2964	6347	7180	4554	7195	10482	9675	7548
26	1954 Regional Report Surplus Deficit	4749	3478	5494	5944	5418	3885	6038	8010	8351	6847	8453	10497	9227	8126
27	1955 Regional Report Surplus Deficit	6189	6482	8738	6086	6407	3799	3126	3527	4157	4161	6055	9221	9630	8300
28	1956 Regional Report Surplus Deficit	5931	4549	5129	6364	7042	6514	7078	8926	9192	8435	9951	10888	9612	8195
29	1957 Regional Report Surplus Deficit	5823	5319	5640	6333	5043	4252	4202	3200	8478	8704	8140	11329	9522	6468
30	1958 Regional Report Surplus Deficit	4813	2174	5007	5526	4666	2858	4615	6663	7616	6114	9561	11070	9292	5422
31	1959 Regional Report Surplus Deficit	4618	2046	4669	5678	5988	5952	6828	8490	8795	8063	7842	10097	9206	8047
32	1960 Regional Report Surplus Deficit	5960	4783	9149	10181	7975	5568	5024	6285	7935	10468	9282	9763	8982	6526
33	1961 Regional Report Surplus Deficit	4782	2324	4853	5882	4943	3058	4754	7537	8902	7006	7222	10349	8929	5974
34	1962 Regional Report Surplus Deficit	4692	2274	4630	5421	4734	2446	4625	5996	5269	9034	10001	10545	8075	5826
35	1963 Regional Report Surplus Deficit	4508	3284	4488	6504	6455	5521	5028	6402	7599	4485	6933	10416	8499	6268
36	1964 Regional Report Surplus Deficit	4348	2336	5728	5643	4604	3085	3162	4552	5478	7442	6474	9947	9672	8262
37	1965 Regional Report Surplus Deficit	5870	5315	6627	6961	5985	6652	7416	9162	9103	6514	10114	10616	8809	6573
38	1966 Regional Report Surplus Deficit	5741	5298	4824	6277	5292	3513	4101	5478	5987	9015	8109	8868	7728	6730
39	1967 Regional Report Surplus Deficit	4588	2420	5045	5423	4642	3683	6493	8149	8398	5829	4448	9517	9369	8063
40	1968 Regional Report Surplus Deficit	5565	4412	5490	5993	5709	3560	5549	7361	8223	3668	5611	8467	8843	7255
41	1969 Regional Report Surplus Deficit	5418	5353	7190	7221	7233	4873	7150	8243	8217	9055	9903	11038	9141	7126
42	1970 Regional Report Surplus Deficit	5077	3342	5132	5846	5150	2455	4608	6268	6854	4810	6397	10288	9330	5175
43	1971 Regional Report Surplus Deficit	4216	1962	4681	5478	4695	3118	7141	8980	9846	8336	9409	10812	9715	8161
44	1972 Regional Report Surplus Deficit	6132	6339	6056	6553	5459	4030	6787	9164	10552	10194	8955	10820	9258	8185
45	1973 Regional Report Surplus Deficit	6078	6308	6402	6325	5522	3478	4590	3903	5444	2576	4855	7985	4328	3307
46	1974 Regional Report Surplus Deficit	3057	894	4415	5532	4776	4798	7739	9037	10129	9451	9821	10218	9450	8371
47	1975 Regional Report Surplus Deficit	6069	6298	6085	5582	4679	2484	5101	6624	7782	4487	6187	10406	9555	8278
48	1976 Regional Report Surplus Deficit	5737	5493	6365	7569	7569	7387	7154	8788	8783	9224	9366	10903	9137	8128
49	1977 Regional Report Surplus Deficit	6389	6630	10030	6412	4862	1915	1323	3093	3800	2422	4778	5623	-288	1442
50	1978 Regional Report Surplus Deficit	1551	-480	3053	4224	3590	4480	4126	5371	7728	8412	8329	10684	7577	6790
51	1979 Regional Report Surplus Deficit	3981	2144	6995	6372	5140	2134	1961	4492	7634	4308	6975	10778	7105	2417
52	1980 Regional Report Surplus Deficit	2033	1033	4656	5247	4211	1693	3417	3117	5768	5038	9188	11410	8970	4855
53	1981 Regional Report Surplus Deficit	2619	758	5003	5691	4745	5435	6048	8005	7694	2718	6594	10105	9314	7615
54	1982 Regional Report Surplus Deficit	5832	4995	5510	5920	5585	3363	5678	9231	10120	8776	8546	10454	9668	8331

Regional Report Surplus Deficit By Water Year

Operating Year 2019

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	6059	6091	7305	7425	5878	4266	6284	7722	10133	7726	8268	10383	9179	7820
56	1984 Regional Report Surplus Deficit	5977	5861	6222	6164	7920	4751	5745	7441	8952	9366	9929	10599	9696	7828
57	1985 Regional Report Surplus Deficit	5753	3371	6247	6291	5899	3474	3881	5160	5456	6649	9215	10682	7508	964
58	1986 Regional Report Surplus Deficit	1780	437	5017	6090	6562	3619	4750	8062	10430	9171	9936	9896	8408	5732
59	1987 Regional Report Surplus Deficit	3992	1725	4516	5525	5055	3688	2877	3260	7394	3293	6180	9618	6436	3132
60	1988 Regional Report Surplus Deficit	2520	296	4035	5273	3766	1599	396	1214	4820	3263	6073	8303	4790	4279
61	1989 Regional Report Surplus Deficit	3672	1702	4301	5386	4311	2713	507	1983	6787	7841	9773	9873	7213	4161
62	1990 Regional Report Surplus Deficit	3020	1083	4420	5442	5167	4093	5286	6865	8048	5886	9607	9694	9030	6337
63	1991 Regional Report Surplus Deficit	5435	4052	4923	5359	7475	4985	6155	7758	7361	7383	7425	9910	8578	7765
64	1992 Regional Report Surplus Deficit	5904	4766	4776	5409	4504	1611	1698	3675	7380	2617	4342	7592	2195	1718
65	1993 Regional Report Surplus Deficit	1645	-37.9	3531	5188	4364	2087	-246	815	5536	4424	5717	10058	7789	5207
66	1994 Regional Report Surplus Deficit	4084	2050	5082	5410	4598	2322	340	2185	4128	3162	6064	9383	6835	3983
67	1995 Regional Report Surplus Deficit	3147	525	4388	5271	3718	2301	1282	6778	8878	4717	6139	10228	9221	5807
68	1996 Regional Report Surplus Deficit	3929	2014	5576	6955	8094	7309	7600	9497	10392	9114	10549	10903	9118	8041
69	1997 Regional Report Surplus Deficit	5937	5056	5599	5734	5476	4884	7686	9004	10200	9313	10231	10686	9182	8201
70	1998 Regional Report Surplus Deficit	6022	6351	7403	9451	7073	3551	3952	6680	6997	4142	7835	11073	9514	6831
71	1999 Regional Report Surplus Deficit	5782	3955	4977	5666	4546	4172	6877	8794	9789	7271	9576	10233	9589	8386
72	2000 Regional Report Surplus Deficit	6521	6622	6313	6057	7674	5537	5117	6324	8099	8851	9983	10574	6555	6252
73	2001 Regional Report Surplus Deficit	5013	1538	4418	5648	4121	1935	987	2603	4260	2740	4772	7135	-372	2386
74	2002 Regional Report Surplus Deficit	1703	-552	3305	3950	3393	2071	739	3045	6354	5548	9431	9676	9143	7748
75	2003 Regional Report Surplus Deficit	3018	1955	4550	5311	4473	2165	790	3233	7946	5485	7382	9587	8637	3941
76	2004 Regional Report Surplus Deficit	2827	787	4178	5599	5855	2403	930	2658	7518	4405	6492	9441	6972	4283
77	2005 Regional Report Surplus Deficit	1865	1356	6023	5909	4895	3331	3569	5321	5268	3118	5813	9741	7426	5090
78	2006 Regional Report Surplus Deficit	3488	1016	4500	5013	4876	3330	4873	7188	8149	9029	10078	10835	9479	6306
79	2007 Regional Report Surplus Deficit	4767	724	4119	5275	4917	3421	4969	4328	9425	7585	7558	10109	6646	6383
80	2008 Regional Report Surplus Deficit	3695	922	3914	4776	5082	1851	2517	3355	5969	5039	4746	10366	9698	7129

Ranked Averages

81	**Bottom 10 pct**	**1797**	**162**	**4155**	**5174**	**4401**	**2684**	**2219**	**3867**	**6276**	**5093**	**6810**	**9897**	**7788**	**5172**
82	**Middle 80 pct**	**4456**	**2764**	**5082**	**5939**	**5243**	**3595**	**4185**	**5826**	**7515**	**6482**	**7923**	**9914**	**7910**	**6005**
83	**Top 10 pct**	**6182**	**6390**	**7291**	**6736**	**5944**	**3632**	**4535**	**5880**	**7120**	**5570**	**7114**	**9510**	**7216**	**6302**

Regional Report Surplus Deficit By Water Year

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	3270	2380	4662	5382	4138	1600	855	2447	3732	2993	5070	8189	7174	1092
2	1930 Regional Report Surplus Deficit	2667	1114	4629	5193	3939	1478	-589	2815	3746	4279	6609	7734	3626	3602
3	1931 Regional Report Surplus Deficit	3362	859	4061	5084	4141	1538	-623	856	3148	3028	1345	9345	3358	3881
4	1932 Regional Report Surplus Deficit	2234	228	3666	4949	3467	1518	-813	700	6604	9501	9303	11911	9847	5986
5	1933 Regional Report Surplus Deficit	3378	3387	5165	5526	4339	2848	5270	6588	7342	5792	7117	10398	10250	7099
6	1934 Regional Report Surplus Deficit	5934	4782	5192	6427	7970	7395	7455	8984	9443	9582	8935	10820	7977	4210
7	1935 Regional Report Surplus Deficit	2595	765	3473	5129	3854	1432	5070	6486	7373	3954	7284	10044	7902	5976
8	1936 Regional Report Surplus Deficit	5263	2026	4203	5113	3922	1414	-360	2222	4310	4868	9264	12170	9690	4270
9	1937 Regional Report Surplus Deficit	3141	1395	4152	4937	4036	1533	-96.7	875	3276	3511	2211	9021	6178	2030
10	1938 Regional Report Surplus Deficit	3452	1587	4344	5345	3958	2269	4586	6211	8138	8055	9887	11624	9026	5951
11	1939 Regional Report Surplus Deficit	2868	1167	4862	5513	3845	1567	2291	3646	5898	6045	8326	11066	5689	3655
12	1940 Regional Report Surplus Deficit	3213	1205	4351	5469	4702	2243	1762	3149	9277	6503	7517	10705	5791	3018
13	1941 Regional Report Surplus Deficit	1686	-50.6	3952	5160	4019	2061	1021	2663	5100	2564	4334	8908	5149	3552
14	1942 Regional Report Surplus Deficit	2124	668	4892	5194	4687	4010	3768	3743	6827	4535	7017	9738	8041	6429
15	1943 Regional Report Surplus Deficit	4289	2795	5778	5098	3881	2504	5588	7250	7991	10663	10335	11225	10463	7243
16	1944 Regional Report Surplus Deficit	4072	2231	4787	5440	4292	1696	942	2629	3297	3114	5160	6515	2088	1752
17	1945 Regional Report Surplus Deficit	1290	-831	3235	5074	3724	1460	-228	2018	3579	3141	1604	10628	9173	1708
18	1946 Regional Report Surplus Deficit	3233	654	3851	5245	4419	2807	3693	4592	8476	8741	9945	11699	8644	6726
19	1947 Regional Report Surplus Deficit	5449	4406	5458	5247	5004	6443	6645	8221	8609	7584	8106	11657	9031	6203
20	1948 Regional Report Surplus Deficit	5081	3602	5043	8880	7089	4566	6296	7340	7135	6734	9272	11950	9800	6976
21	1949 Regional Report Surplus Deficit	6040	5776	5923	5738	4796	2411	3492	3688	9027	7482	9724	12105	9385	2263
22	1950 Regional Report Surplus Deficit	1718	568	3831	5377	3904	2558	6180	7819	9423	9049	9136	10979	10370	7400
23	1951 Regional Report Surplus Deficit	5716	4537	5531	6897	7686	6655	7411	9638	9721	9637	9134	11511	9147	6857
24	1952 Regional Report Surplus Deficit	5780	3422	5248	8221	6202	4611	5875	7750	7930	9312	10256	12062	9531	6158
25	1953 Regional Report Surplus Deficit	4792	3436	3966	5120	3965	1594	2682	6229	7159	4933	7094	11507	10403	6682
26	1954 Regional Report Surplus Deficit	4476	3191	5253	5667	5138	3610	6142	8056	8396	7182	8359	11494	9847	7115
27	1955 Regional Report Surplus Deficit	6276	6536	8702	5811	6188	3537	2846	3292	3924	4540	5952	10156	10419	7291
28	1956 Regional Report Surplus Deficit	6044	4342	4894	6091	6896	6431	7235	9139	9212	8714	9630	11829	10275	7196
29	1957 Regional Report Surplus Deficit	5875	5187	5399	6060	4774	3995	4081	2944	8520	8982	8045	12265	10279	5786
30	1958 Regional Report Surplus Deficit	4562	1885	4768	5246	4410	2532	4499	6565	7635	6465	9468	12072	10004	4930
31	1959 Regional Report Surplus Deficit	4334	1762	4436	5399	5728	5822	6992	8638	8834	8342	7673	11015	9942	7010
32	1960 Regional Report Surplus Deficit	6072	4603	9195	9998	8093	5428	5047	6194	7958	10715	8958	10706	9639	5802
33	1961 Regional Report Surplus Deficit	4554	2031	4620	5607	4678	2751	4722	7529	8944	7326	7122	11320	9536	5339
34	1962 Regional Report Surplus Deficit	4446	1976	4395	5140	4474	2114	4552	5882	5105	9324	9720	11577	8665	5262
35	1963 Regional Report Surplus Deficit	4233	2997	4271	6234	6233	5357	5052	6289	7622	4865	6832	11389	9106	5610
36	1964 Regional Report Surplus Deficit	4094	2039	5485	5363	4363	2776	2885	4354	5328	7751	6372	10961	10374	7246
37	1965 Regional Report Surplus Deficit	5966	5214	6404	6699	5727	6591	7423	9382	9123	6857	9854	11600	9468	5890
38	1966 Regional Report Surplus Deficit	5770	5175	4594	6005	5012	3229	3930	5333	5865	9308	8014	9726	8316	5969
39	1967 Regional Report Surplus Deficit	4362	2123	4806	5142	4396	3399	6648	8250	8444	6190	4356	10469	10035	7061
40	1968 Regional Report Surplus Deficit	5561	4197	5247	5718	5434	3276	5576	7328	8260	4046	5509	9289	9513	6386
41	1969 Regional Report Surplus Deficit	5395	5261	7025	6962	7104	4662	7257	8372	8262	9321	9638	11994	9787	6324
42	1970 Regional Report Surplus Deficit	4916	3056	4893	5568	4874	2115	4485	6162	6812	5189	6295	11302	10063	4728
43	1971 Regional Report Surplus Deficit	3865	1677	4448	5197	4459	2806	7286	9200	9815	8614	9120	11760	10398	7197
44	1972 Regional Report Surplus Deficit	6222	6376	5813	6281	5182	3759	6951	9384	10421	10238	8758	11765	9918	7164
45	1973 Regional Report Surplus Deficit	6180	6389	6164	6052	5242	3177	4472	3672	5297	3055	4755	8814	5124	2998
46	1974 Regional Report Surplus Deficit	2655	652	4183	5255	4544	4577	7666	9256	10048	9710	9558	11189	10099	7375
47	1975 Regional Report Surplus Deficit	6181	6367	5845	5299	4439	2141	5076	6550	7796	4867	6085	11391	10300	7328
48	1976 Regional Report Surplus Deficit	5760	5381	6128	7310	7505	7412	7315	8985	8822	9537	9059	11846	9794	7103
49	1977 Regional Report Surplus Deficit	6412	6684	9764	6141	4599	1571	990	2855	3527	2869	4680	6380	952	1152
50	1978 Regional Report Surplus Deficit	1139	-715	2840	3935	3578	4246	3959	5211	7748	8694	8235	11650	8165	6049
51	1979 Regional Report Surplus Deficit	3618	1855	6823	6103	4861	1786	1631	4280	7631	4688	6874	11819	7708	2135
52	1980 Regional Report Surplus Deficit	1619	777	4421	4965	3974	1329	3163	2858	5631	5411	9095	12364	9661	4431
53	1981 Regional Report Surplus Deficit	2205	544	4762	5415	4478	5260	6178	8073	7718	3061	6492	11117	10064	6622
54	1982 Regional Report Surplus Deficit	5941	4855	5267	5642	5309	3063	5735	9450	10033	9058	8454	11471	10423	7419

Regional Report Surplus Deficit By Water Year

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2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	6168	6101	7117	7164	5605	4009	6401	7718	10071	8014	8174	11435	9850	6882
56	1984 Regional Report Surplus Deficit	6072	5809	5981	5888	7903	4524	5784	7411	8997	9647	9735	11652	10420	6892
57	1985 Regional Report Surplus Deficit	5714	3078	6007	6016	5621	3179	3693	4990	5302	6988	9108	11740	8097	674
58	1986 Regional Report Surplus Deficit	1405	308	4781	5814	6330	3343	4660	8102	10307	9486	9705	10875	9023	5188
59	1987 Regional Report Surplus Deficit	3614	1447	4290	5242	4790	3403	2572	3008	7388	3654	6078	10570	7047	2827
60	1988 Regional Report Surplus Deficit	2103	116	3809	4994	3546	1234	88.8	945	4632	3617	5971	9114	5570	3884
61	1989 Regional Report Surplus Deficit	3321	1420	4069	5106	4092	2394	208	1714	6736	8124	9497	10838	7815	3802
62	1990 Regional Report Surplus Deficit	2605	858	4191	5164	4887	3854	5311	6847	8088	6242	9337	10663	9594	5694
63	1991 Regional Report Surplus Deficit	5410	3809	4689	5076	7419	4797	6298	7816	7377	7690	7280	10920	9211	6716
64	1992 Regional Report Surplus Deficit	6024	4591	4543	5129	4259	1249	1361	3443	7403	3096	4245	8409	3091	1422
65	1993 Regional Report Surplus Deficit	1233	-282	3304	4913	4113	1748	-479	549	5385	4804	5616	11078	8379	4758
66	1994 Regional Report Surplus Deficit	3753	1756	4840	5132	4326	1999	51.5	1919	3841	3515	5962	10289	7434	3627
67	1995 Regional Report Surplus Deficit	2767	276	4148	4994	3603	1967	949	6704	8922	5094	6037	11194	9912	5265
68	1996 Regional Report Surplus Deficit	3539	1727	5333	6693	8251	7543	7655	9717	10269	9401	10290	11935	9809	7004
69	1997 Regional Report Surplus Deficit	6042	4909	5357	5455	5196	4667	7599	9224	10127	9584	9922	11617	9887	7178
70	1998 Regional Report Surplus Deficit	6106	6391	7216	9233	6927	3253	3737	6606	6956	4522	7738	12053	10278	6124
71	1999 Regional Report Surplus Deficit	5774	3681	4742	5384	4321	3908	7041	8963	9756	7569	9312	11261	10293	7350
72	2000 Regional Report Surplus Deficit	6598	6674	6075	5782	7695	5368	5082	6228	8133	9133	9703	11579	7200	5608
73	2001 Regional Report Surplus Deficit	4806	1295	4193	5370	3908	1589	648	2350	4038	3088	4674	7924	924	2069
74	2002 Regional Report Surplus Deficit	1290	-757	3092	3663	3332	1728	426	2794	6293	5915	9335	10637	9796	6837
75	2003 Regional Report Surplus Deficit	2601	1676	4316	5034	4204	1828	474	2986	7972	5849	7283	10543	9246	3636
76	2004 Regional Report Surplus Deficit	2409	567	3957	5325	5612	2072	601	2395	7533	4784	6390	10352	7577	3922
77	2005 Regional Report Surplus Deficit	1462	1112	5794	5639	4616	3058	3398	5183	5128	3486	5711	10720	8020	4625
78	2006 Regional Report Surplus Deficit	3100	760	4268	4733	4600	3039	4811	7153	8193	9322	9810	11874	10098	5762
79	2007 Regional Report Surplus Deficit	4490	521	3909	4994	4653	3135	4963	4120	9446	7876	7460	11132	7271	5687
80	2008 Regional Report Surplus Deficit	3295	704	3701	4499	4807	1503	2210	3118	5868	5415	4653	11422	10439	6376

Ranked Averages

81	**Bottom 10 pct**	**1391**	**-54.7**	**3927**	**4895**	**4211**	**2372**	**1990**	**3672**	**6146**	**5438**	**6704**	**10857**	**8421**	**4643**
82	**Middle 80 pct**	**4247**	**2531**	**4855**	**5665**	**5043**	**3337**	**4094**	**5756**	**7471**	**6808**	**7758**	**10869**	**8601**	**5324**
83	**Top 10 pct**	**6268**	**6440**	**7087**	**6470**	**5735**	**3352**	**4444**	**5788**	**7016**	**5905**	**6981**	**10447**	**8005**	**5568**

Regional Report Surplus Deficit By Water Year

Operating Year 2021

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	2769	2047	4464	5113	3728	659	-822	761	2210	1933	4026	6268	4534	-670
2	1930 Regional Report Surplus Deficit	2167	765	4439	4921	3569	540	-2361	1132	2237	3184	5568	5885	640	1927
3	1931 Regional Report Surplus Deficit	2792	514	3868	4810	3795	587	-2368	-817	1686	1834	217	7451	434	2250
4	1932 Regional Report Surplus Deficit	1745	-188	3458	4677	3022	575	-2628	-942	4878	8454	8255	9728	7171	4664
5	1933 Regional Report Surplus Deficit	2870	3007	4975	5251	3963	1862	3211	4682	5546	4715	6076	8301	7482	6025
6	1934 Regional Report Surplus Deficit	4942	4317	5002	6144	7256	5882	5324	6842	7679	8577	7956	8725	5401	2620
7	1935 Regional Report Surplus Deficit	2107	395	3270	4853	3394	503	3044	4598	5575	2869	6242	8016	5321	4677
8	1936 Regional Report Surplus Deficit	4413	1693	3994	4844	3526	472	-2111	542	2756	3772	8215	9981	6981	2628
9	1937 Regional Report Surplus Deficit	2643	1037	3948	4670	3683	586	-1796	-796	1793	2441	1118	7075	3381	267
10	1938 Regional Report Surplus Deficit	2924	1243	4146	5073	3529	1317	2644	4353	6323	7036	8844	9432	6372	4600
11	1939 Regional Report Surplus Deficit	2383	786	4671	5238	3405	636	585	1932	4240	4971	7278	8974	2973	1966
12	1940 Regional Report Surplus Deficit	2694	849	4157	5191	4373	1278	70.7	1463	7464	5441	6471	8646	3087	1292
13	1941 Regional Report Surplus Deficit	1202	-472	3756	4887	3651	1109	-656	979	3465	1514	3291	6921	2443	1925
14	1942 Regional Report Surplus Deficit	1634	306	4702	4920	4357	2968	1920	2029	5068	3440	5974	7719	5395	5264
15	1943 Regional Report Surplus Deficit	3605	2452	5577	4830	3004	1542	3518	5340	6182	9539	9308	9069	7583	6134
16	1944 Regional Report Surplus Deficit	3484	1900	4585	5172	3913	760	-737	941	1836	2044	4117	4623	-1097	9.25
17	1945 Regional Report Surplus Deficit	801	-1242	3036	4798	3328	512	-1983	345	2098	2086	487	8519	6498	-60.5
18	1946 Regional Report Surplus Deficit	2703	271	3632	4976	4053	1830	1882	2842	6653	7726	8908	9505	5998	5575
19	1947 Regional Report Surplus Deficit	4604	3979	5269	4980	4673	5241	4470	6204	6784	6553	7059	9535	6367	4933
20	1948 Regional Report Surplus Deficit	4283	3235	4851	8559	6602	3496	4146	5397	5367	5679	8224	9808	6953	5897
21	1949 Regional Report Surplus Deficit	5031	5180	5730	5464	4459	1447	1644	1977	7207	6446	8678	9939	6779	502
22	1950 Regional Report Surplus Deficit	1204	67.7	3612	5106	3444	1584	4050	5841	7613	8033	8087	8809	7540	6298
23	1951 Regional Report Surplus Deficit	4795	4109	5341	6612	7136	5447	5254	7478	7966	8600	8084	9317	6555	5776
24	1952 Regional Report Surplus Deficit	4843	3068	5057	7916	5832	3541	3756	5800	6125	8290	9226	9918	6848	4768
25	1953 Regional Report Surplus Deficit	3999	3083	3744	4853	3577	651	946	4406	5401	3838	6052	9330	7533	5503
26	1954 Regional Report Surplus Deficit	3850	2850	5062	5394	4809	2598	4020	6070	6571	6131	7311	9303	7079	6010
27	1955 Regional Report Surplus Deficit	5295	5854	8254	5536	5799	2513	1108	1587	2377	3446	4913	8086	7630	6195
28	1956 Regional Report Surplus Deficit	5031	3920	4697	5814	6433	5228	5060	6985	7412	7701	8590	9680	7451	6046
29	1957 Regional Report Surplus Deficit	4923	4690	5208	5783	4434	2966	2184	1259	6698	7970	6998	10194	7386	4423
30	1958 Regional Report Surplus Deficit	3914	1546	4575	4976	4057	1572	2597	4722	5836	5399	8419	9934	7230	3294
31	1959 Regional Report Surplus Deficit	3719	1417	4237	5128	5379	4666	4810	6549	7015	7327	6628	8859	7209	5930
32	1960 Regional Report Surplus Deficit	5061	4155	8660	9632	7367	4281	3006	4345	6155	9573	7909	8629	6993	4478
33	1961 Regional Report Surplus Deficit	3882	1695	4420	5332	4334	1771	2736	5596	7122	6291	6080	9130	6818	3930
34	1962 Regional Report Surplus Deficit	3792	1645	4198	4872	4125	1159	2607	4056	3489	8302	8679	9389	6093	3781
35	1963 Regional Report Surplus Deficit	3609	2656	4056	5955	5847	4235	3010	4462	5819	3770	5791	9282	6517	4223
36	1964 Regional Report Surplus Deficit	3449	1708	5296	5094	3995	1798	1144	2612	3698	6727	5332	8812	7524	6154
37	1965 Regional Report Surplus Deficit	4970	4687	6195	6412	5376	5365	5398	7221	7323	5798	8815	9413	6745	4522
38	1966 Regional Report Surplus Deficit	4841	4669	4391	5727	4683	2227	2082	3537	4207	8282	6967	7734	5740	4685
39	1967 Regional Report Surplus Deficit	3689	1792	4613	4873	4033	2397	4475	6208	6619	5114	3306	8383	7211	5987
40	1968 Regional Report Surplus Deficit	4665	3784	5058	5443	5100	2274	3531	5420	6443	2953	4469	7332	6855	5209
41	1969 Regional Report Surplus Deficit	4519	4725	6758	6672	6624	3587	5132	6303	6437	8294	8597	9825	7077	5078
42	1970 Regional Report Surplus Deficit	4178	2714	4700	5296	4542	1168	2590	4328	5074	4094	5255	9154	7338	3131
43	1971 Regional Report Surplus Deficit	3316	1333	4248	4928	4086	1832	5123	7039	8066	7602	8071	9590	7561	6117
44	1972 Regional Report Surplus Deficit	5232	5710	5624	6003	4851	2743	4769	7224	8772	9158	7709	9585	7100	6075
45	1973 Regional Report Surplus Deficit	5184	5679	5970	5776	4914	2191	2572	1962	3664	1861	3713	6850	2346	1263
46	1974 Regional Report Surplus Deficit	2158	266	3983	4982	4168	3512	5721	7096	8349	8661	8515	9000	7288	6260
47	1975 Regional Report Surplus Deficit	5169	5669	5653	5032	4070	1198	3083	4683	6002	3772	5045	9207	7459	6229
48	1976 Regional Report Surplus Deficit	4837	4864	5933	7020	6960	6100	5136	6847	7003	8493	8010	9688	7149	6029
49	1977 Regional Report Surplus Deficit	5503	6002	9534	5862	4254	629	-695	1152	2020	1706	3635	4488	-2271	-603
50	1978 Regional Report Surplus Deficit	651	-1109	2621	3674	2982	3193	2108	3430	5948	7678	7187	9465	5595	4746
51	1979 Regional Report Surplus Deficit	3082	1516	6563	5822	4531	847	-57.2	2552	5855	3592	5832	9643	5123	372
52	1980 Regional Report Surplus Deficit	1133	405	4224	4698	3602	407	1399	1177	3988	4322	8046	10218	6981	2798
53	1981 Regional Report Surplus Deficit	1720	129	4571	5142	4137	4149	4030	6064	5914	2002	5452	8970	7272	5535
54	1982 Regional Report Surplus Deficit	4933	4367	5078	5370	4977	2076	3660	7290	8340	8042	7404	9283	7563	6255

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	5160	5462	6873	6875	5269	2980	4266	5782	8353	6990	7126	9245	7114	5767
56	1984 Regional Report Surplus Deficit	5078	5233	5790	5614	7312	3465	3727	5500	7172	8612	8700	9461	7597	5784
57	1985 Regional Report Surplus Deficit	4854	2743	5815	5742	5291	2188	1863	3220	3676	5934	8059	9546	5524	-1081
58	1986 Regional Report Surplus Deficit	881	-192	4585	5540	5954	2333	2732	6122	8650	8439	8668	8761	6424	3687
59	1987 Regional Report Surplus Deficit	3092	1096	4084	4975	4447	2402	859	1320	5614	2578	5038	8484	4453	1087
60	1988 Regional Report Surplus Deficit	1621	-332	3603	4723	3157	313	-1622	-727	3040	2548	4931	7168	2805	2235
61	1989 Regional Report Surplus Deficit	2773	1074	3869	4836	3702	1426	-1511	42.4	5007	7106	8456	8739	5155	2112
62	1990 Regional Report Surplus Deficit	2121	455	3988	4893	4559	2807	3268	4924	6268	5171	8288	8560	6939	4288
63	1991 Regional Report Surplus Deficit	4536	3423	4491	4809	6867	3699	4137	5884	5647	6736	6303	8841	6590	5639
64	1992 Regional Report Surplus Deficit	5011	4138	4344	4859	3895	324	-320	1805	5671	1966	3264	6530	211	-326
65	1993 Regional Report Surplus Deficit	746	-666	3099	4639	3756	800	-2264	-1059	3756	3709	4575	8924	5732	3152
66	1994 Regional Report Surplus Deficit	3184	1422	4650	4861	3989	1035	-1678	311	2417	2515	4991	8316	4842	1933
67	1995 Regional Report Surplus Deficit	2248	-104	3956	4721	3110	1015	-736	4902	7098	4001	4997	9094	7158	3680
68	1996 Regional Report Surplus Deficit	3030	1385	5144	6406	7486	6022	5582	7556	8612	8381	9253	9750	7056	5853
69	1997 Regional Report Surplus Deficit	5037	4428	5167	5184	4867	3598	5668	7063	8420	8531	8886	9449	7035	6016
70	1998 Regional Report Surplus Deficit	5122	5723	6971	8902	6465	2264	1934	4739	5217	3426	6693	9936	7451	4711
71	1999 Regional Report Surplus Deficit	4882	3327	4545	5116	3938	2885	4859	6854	8009	6543	8263	9096	7504	6195
72	2000 Regional Report Surplus Deficit	5626	5993	5881	5508	7065	4251	3099	4458	6319	8118	8658	9391	4497	4133
73	2001 Regional Report Surplus Deficit	4113	910	3986	5098	3512	649	-1031	662	2480	2025	3629	6001	-2429	267
74	2002 Regional Report Surplus Deficit	804	-1181	2873	3401	2785	785	-1279	1104	4574	4833	8288	8541	6999	5737
75	2003 Regional Report Surplus Deficit	2119	1327	4117	4761	3865	878	-1228	1292	6166	4770	6240	8453	6571	1857
76	2004 Regional Report Surplus Deficit	1927	158	3746	5050	5247	1117	-1088	717	5738	3689	5350	8306	4914	2164
77	2005 Regional Report Surplus Deficit	965	727	5591	5360	4287	2044	1551	3380	3488	2402	4671	8607	5369	2970
78	2006 Regional Report Surplus Deficit	2588	388	4068	4464	4267	2044	2855	5248	6370	8297	8772	9698	7325	4285
79	2007 Regional Report Surplus Deficit	3868	95.1	3687	4726	4308	2135	2951	2387	7645	6860	6416	8974	4588	4264
80	2008 Regional Report Surplus Deficit	2795	293	3482	4226	4474	565	499	1414	4190	4324	3604	9229	7567	5010
	Ranked Averages														
81	**Bottom 10 pct**	**898**	**-466**	**3723**	**4625**	**3793**	**1398**	**201**	**1935**	**4496**	**4373**	**5652**	**8745**	**5755**	**3119**
82	**Middle 80 pct**	**3557**	**2136**	**4649**	**5389**	**4634**	**2309**	**2167**	**3890**	**5739**	**5752**	**6716**	**8765**	**5857**	**3932**
83	**Top 10 pct**	**5286**	**5762**	**6845**	**6187**	**5336**	**2346**	**2517**	**3948**	**5340**	**4810**	**5936**	**8349**	**5166**	**4221**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	1406	709	3182	3393	2171	-430	-1400	239	1667	-3.32	2569	7497	5600	-793
2	1930 Regional Report Surplus Deficit	801	-560	3158	3204	1971	-553	-2845	607	1682	1283	4108	7114	2060	1716
3	1931 Regional Report Surplus Deficit	1495	-814	2511	3094	2173	-492	-2879	-1352	1083	32.1	-1156	8728	1792	1995
4	1932 Regional Report Surplus Deficit	367	-1446	2190	2960	1499	-513	-3068	-1507	4540	6506	6802	11219	8277	4100
5	1933 Regional Report Surplus Deficit	1512	1714	3693	3536	2372	817	3014	4380	5277	2796	4617	9706	8684	5213
6	1934 Regional Report Surplus Deficit	4067	3108	3718	4438	6002	5365	5199	6776	7379	6655	6503	10203	6411	2324
7	1935 Regional Report Surplus Deficit	729	-908	2001	3140	1886	-598	2815	4278	5309	958	4783	9352	6336	4091
8	1936 Regional Report Surplus Deficit	3396	352	2731	3124	1954	-616	-2615	14.6	2245	1872	6763	11478	8049	2384
9	1937 Regional Report Surplus Deficit	1274	-278	2671	2948	2069	-497	-2352	-1333	1212	516	-290	8329	4538	144
10	1938 Regional Report Surplus Deficit	1585	-86.3	2870	3356	1990	239	2330	4003	6073	5059	7386	10932	7386	4065
11	1939 Regional Report Surplus Deficit	1001	-507	3384	3524	1878	-464	35.4	1438	3834	3049	5825	10374	4124	1769
12	1940 Regional Report Surplus Deficit	1347	-469	2802	3480	2734	213	-493	941	7212	3507	5016	10013	4226	1132
13	1941 Regional Report Surplus Deficit	-180	-1724	2405	3171	2052	30.5	-1234	455	3036	-432	1834	8218	3573	1667
14	1942 Regional Report Surplus Deficit	257	-1006	3345	3205	2720	1979	1512	1535	4762	1539	4516	9046	6401	4543
15	1943 Regional Report Surplus Deficit	2422	1122	4231	3109	1913	474	3333	5042	5927	7667	7834	10533	8823	5357
16	1944 Regional Report Surplus Deficit	2205	557	3240	3451	2324	-334	-1314	421	1233	118	2659	5824	448	-133
17	1945 Regional Report Surplus Deficit	-576	-2504	1688	3085	1756	-571	-2483	-190	1515	145	-897	9937	7533	-178
18	1946 Regional Report Surplus Deficit	1366	-1020	2304	3256	2451	776	1437	2385	6411	5745	7445	11007	7003	4840
19	1947 Regional Report Surplus Deficit	3583	2732	3911	3258	3037	4412	4389	6014	6545	4588	5605	11036	7390	4317
20	1948 Regional Report Surplus Deficit	3215	1928	3496	6891	5122	2535	4040	5133	5070	3739	6771	11258	8159	5090
21	1949 Regional Report Surplus Deficit	4173	4101	4376	3749	2828	381	1236	1480	6962	4486	7223	11413	7820	378
22	1950 Regional Report Surplus Deficit	-148	-1106	2356	3388	1937	528	3925	5611	7359	6053	6635	10287	8729	5515
23	1951 Regional Report Surplus Deficit	3850	2863	3982	4908	5718	4625	5156	7431	7657	6641	6632	10819	7581	4971
24	1952 Regional Report Surplus Deficit	3913	1748	3701	6232	4234	2581	3620	5542	5865	6315	7755	11370	7890	4197
25	1953 Regional Report Surplus Deficit	2920	1757	2419	3131	1997	-436	426	4021	5095	1937	4593	10815	8762	4796
26	1954 Regional Report Surplus Deficit	2533	1441	3706	3678	3170	1580	3886	5849	6331	4186	5858	10802	8207	5229
27	1955 Regional Report Surplus Deficit	4401	4854	7155	3822	4220	1507	591	1084	1859	1544	3452	9464	8853	5405
28	1956 Regional Report Surplus Deficit	4178	2669	3347	4102	4928	4400	4980	6931	7147	5718	7129	11137	8635	5235
29	1957 Regional Report Surplus Deficit	3931	3436	3852	4071	2806	1964	1825	736	6455	5986	5544	11573	8638	3901
30	1958 Regional Report Surplus Deficit	2698	214	3221	3257	2443	501	2244	4357	5571	3469	6967	11380	8363	2969
31	1959 Regional Report Surplus Deficit	2390	11.3	2889	3410	3761	3791	4737	6431	6769	5346	5173	10323	8375	5124
32	1960 Regional Report Surplus Deficit	4208	2932	7647	8009	6126	3398	2792	3986	5893	7719	6458	10014	8074	3916
33	1961 Regional Report Surplus Deficit	2687	357	3073	3618	2711	721	2466	5321	6880	4330	4621	10628	7963	3453
34	1962 Regional Report Surplus Deficit	2579	302	2914	3151	2506	83.5	2297	3674	3041	6328	7219	10885	7099	3376
35	1963 Regional Report Surplus Deficit	2367	1323	2797	4245	4265	3326	2796	4081	5557	1870	4331	10697	7540	3724
36	1964 Regional Report Surplus Deficit	2227	365	3936	3374	2396	745	629	2146	3264	4755	3871	10269	8734	5361
37	1965 Regional Report Surplus Deficit	4099	3541	4928	4710	3759	4561	5167	7174	7059	3862	7353	10908	7828	4005
38	1966 Regional Report Surplus Deficit	3826	3424	3044	4016	3045	1199	1674	3125	3800	6312	5512	9034	6744	4083
39	1967 Regional Report Surplus Deficit	2498	451	3325	3153	2429	1369	4393	6042	6380	3194	1855	9777	8394	5175
40	1968 Regional Report Surplus Deficit	3695	2524	3773	3729	3467	1245	3321	5120	6196	1050	3008	8597	7947	4500
41	1969 Regional Report Surplus Deficit	3526	3584	5545	4973	5136	2631	5001	6164	6197	6325	7137	11302	8146	4438
42	1970 Regional Report Surplus Deficit	3049	1383	3417	3579	2906	84.3	2230	3954	4747	2193	3794	10610	8494	2842
43	1971 Regional Report Surplus Deficit	1999	3.19	2972	3208	2492	776	5030	6992	7750	5618	6619	11068	8758	5311
44	1972 Regional Report Surplus Deficit	4356	4702	4264	4292	3214	1729	4695	7176	8356	7241	6257	11073	8277	5278
45	1973 Regional Report Surplus Deficit	4313	4715	4617	4063	3275	1146	2216	1464	3232	58.7	2254	8121	3558	1112
46	1974 Regional Report Surplus Deficit	788	-1022	2636	3266	2577	2547	5411	7049	7983	6714	7058	10497	8458	5489
47	1975 Regional Report Surplus Deficit	4315	4694	4366	3310	2472	110	2821	4342	5731	1871	3584	10699	8660	5443
48	1976 Regional Report Surplus Deficit	3893	3708	4579	5321	5538	5382	5059	6777	6758	6541	6559	11154	8228	5218
49	1977 Regional Report Surplus Deficit	4468	4933	8217	4152	2631	-459	-1265	647	1462	-127	2179	5689	-614	-734
50	1978 Regional Report Surplus Deficit	-725	-2386	1367	1945	1610	2215	1704	3003	5683	5698	5735	10958	6599	4164
51	1979 Regional Report Surplus Deficit	1751	181	5273	4113	2893	-245	-624	2072	5567	1692	4373	11127	6142	249
52	1980 Regional Report Surplus Deficit	-248	-897	2940	2976	2007	-702	908	650	3566	2415	6595	11672	8096	2546
53	1981 Regional Report Surplus Deficit	338	-1130	3213	3426	2510	3229	3923	5865	5654	64.8	3991	10425	8498	4737
54	1982 Regional Report Surplus Deficit	4074	3182	3797	3653	3342	1033	3479	7242	7969	6062	5952	10779	8782	5531

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	4301	4427	5567	5174	3637	1978	4145	5510	8007	5018	5673	10743	8209	4988
56	1984 Regional Report Surplus Deficit	4205	4058	4434	3899	5936	2494	3529	5203	6933	6650	7234	10960	8779	5006
57	1985 Regional Report Surplus Deficit	3847	1397	4460	4027	3654	1149	1437	2782	3238	3993	6608	11048	6530	-1212
58	1986 Regional Report Surplus Deficit	-463	-1366	3234	3825	4363	1313	2405	5894	8243	6490	7204	10182	7458	3302
59	1987 Regional Report Surplus Deficit	1748	-227	2743	3253	2822	1372	317	800	5323	658	3577	9878	5481	940
60	1988 Regional Report Surplus Deficit	236	-1557	2329	3005	1578	-796	-2167	-1263	2567	621	3470	8422	4003	1998
61	1989 Regional Report Surplus Deficit	1377	-331	2520	3117	2125	363	-2047	-494	4671	5128	6996	10146	6175	1912
62	1990 Regional Report Surplus Deficit	664	-891	2644	3175	2920	1823	3055	4639	6023	3246	6836	9971	8019	3803
63	1991 Regional Report Surplus Deficit	3468	2060	3142	3087	5451	2767	4043	5675	5377	4762	4846	10293	7640	4827
64	1992 Regional Report Surplus Deficit	4151	2911	3064	3139	2291	-782	-895	1306	5410	164	1808	7789	1523	-464
65	1993 Regional Report Surplus Deficit	-635	-1956	1828	2924	2145	-283	-2735	-1592	3321	1808	3115	10386	6739	2862
66	1994 Regional Report Surplus Deficit	1810	4.76	3291	3143	2358	-31.1	-2204	-223	1845	588	3530	9664	5858	1736
67	1995 Regional Report Surplus Deficit	895	-1403	2601	3005	1636	-63.3	-1307	4561	6858	2098	3536	10502	8271	3305
68	1996 Regional Report Surplus Deficit	1596	-23.9	3786	4703	6283	5512	5400	7509	8204	6406	7789	11243	8169	5043
69	1997 Regional Report Surplus Deficit	4100	3160	3810	3466	3228	2636	5344	7016	8062	6588	7421	10926	8246	5217
70	1998 Regional Report Surplus Deficit	4164	4643	5669	7244	4959	1223	1482	4398	4891	1526	5237	11361	8637	4164
71	1999 Regional Report Surplus Deficit	3833	1932	3195	3395	2353	1878	4785	6755	7691	4573	6812	10570	8652	5389
72	2000 Regional Report Surplus Deficit	4656	4925	4528	3793	5727	3337	2827	4095	6068	6137	7202	10887	5559	3648
73	2001 Regional Report Surplus Deficit	2864	-454	2646	3381	1940	-441	-1608	142	1973	92.1	2173	7232	-717	108
74	2002 Regional Report Surplus Deficit	-651	-2505	1545	1674	1364	-302	-1829	586	4228	2919	6834	9945	8156	4940
75	2003 Regional Report Surplus Deficit	730	-2.20	2842	3108	2300	-202	-1782	778	5908	2854	4782	9851	7605	1677
76	2004 Regional Report Surplus Deficit	465	-1183	2407	3336	3644	41.2	-1654	187	5469	1788	3890	9660	5937	1961
77	2005 Regional Report Surplus Deficit	-479	-637	4247	3650	2649	1028	1142	2975	3064	490	3210	10029	6380	2664
78	2006 Regional Report Surplus Deficit	1159	-989	2721	2744	2632	1009	2556	4945	6129	6326	7309	11182	8458	3802
79	2007 Regional Report Surplus Deficit	2549	-1227	2362	3005	2686	1104	2708	1912	7381	4880	4959	10440	5631	3726
80	2008 Regional Report Surplus Deficit	1353	-1045	2154	2510	2840	-527	-45.4	910	3803	2419	2152	10730	8798	4415
	Ranked Averages														
81	**Bottom 10 pct**	**-495**	**-1747**	**2407**	**2906**	**2243**	**341**	**-265**	**1473**	**4082**	**2442**	**4204**	**10166**	**6816**	**2746**
82	**Middle 80 pct**	**2361**	**864**	**3302**	**3665**	**3058**	**1273**	**1818**	**3558**	**5394**	**3719**	**5242**	**10206**	**7002**	**3427**
83	**Top 10 pct**	**4377**	**4523**	**5795**	**4577**	**3913**	**1593**	**2353**	**3538**	**5076**	**3683**	**4632**	**9586**	**6322**	**3632**

Regional Report Surplus Deficit By Water Year

Operating Year 2023

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	1147	343	2763	3025	1648	-858	-1761	-75.3	1401	343	2417	5766	3995	-1296
2	1930 Regional Report Surplus Deficit	542	-942	2746	2833	1489	-977	-3301	296	1428	1593	3959	5383	100	1300
3	1931 Regional Report Surplus Deficit	1167	-1192	2097	2721	1715	-930	-3307	-1652	877	244	-1392	6949	-105	1624
4	1932 Regional Report Surplus Deficit	120	-1894	1761	2589	942	-942	-3567	-1777	4069	6864	6646	9226	6631	4038
5	1933 Regional Report Surplus Deficit	1246	1301	3282	3163	1883	345	2272	3846	4737	3124	4467	7798	6942	5399
6	1934 Regional Report Surplus Deficit	3317	2611	3306	4056	5176	4365	4385	6007	6870	6986	6347	8222	4861	1994
7	1935 Regional Report Surplus Deficit	482	-1311	1577	2764	1314	-1014	2105	3762	4766	1278	4633	7514	4781	4050
8	1936 Regional Report Surplus Deficit	2788	-13.3	2300	2756	1446	-1045	-3050	-293	1947	2182	6606	9479	6441	2002
9	1937 Regional Report Surplus Deficit	1018	-670	2245	2582	1603	-931	-2735	-1632	984	851	-491	6573	2840	-359
10	1938 Regional Report Surplus Deficit	1299	-464	2450	2984	1449	-200	1705	3517	5514	5446	7235	8930	5832	3974
11	1939 Regional Report Surplus Deficit	758	-920	2972	3150	1325	-881	-354	1097	3431	3381	5669	8472	2434	1340
12	1940 Regional Report Surplus Deficit	1069	-858	2386	3103	2293	-239	-868	627	6655	3851	4862	8143	2547	665
13	1941 Regional Report Surplus Deficit	-423	-2179	1987	2799	1571	-408	-1595	143	2656	-76.3	1682	6419	1903	1299
14	1942 Regional Report Surplus Deficit	9.25	-1401	2934	2831	2276	1451	981	1193	4259	1849	4365	7217	4855	4637
15	1943 Regional Report Surplus Deficit	1980	746	3809	2741	924	25.3	2579	4504	5373	7948	7699	8566	7043	5508
16	1944 Regional Report Surplus Deficit	1859	193	2817	3084	1833	-757	-1676	105	1027	453	2508	4121	-1636	-617
17	1945 Regional Report Surplus Deficit	-824	-2949	1267	2710	1248	-1005	-2922	-490	1289	496	-1122	8017	5958	-687
18	1946 Regional Report Surplus Deficit	1078	-1435	1864	2887	1973	313	943	2006	5844	6137	7299	9002	5459	4949
19	1947 Regional Report Surplus Deficit	2980	2272	3500	2892	2593	3724	3530	5368	5975	4962	5450	9033	5828	4307
20	1948 Regional Report Surplus Deficit	2658	1529	3082	6470	4521	1979	3207	4561	4557	4089	6614	9306	6413	5271
21	1949 Regional Report Surplus Deficit	3406	3473	3961	3375	2379	-69.6	705	1141	6398	4856	7069	9436	6240	-124
22	1950 Regional Report Surplus Deficit	-421	-1639	1916	3018	1363	67.3	3111	5005	6805	6443	6478	8307	7001	5672
23	1951 Regional Report Surplus Deficit	3170	2402	3571	4523	5056	3930	4315	6642	7157	7009	6475	8814	6015	5149
24	1952 Regional Report Surplus Deficit	3218	1361	3288	5827	3752	2024	2817	4964	5316	6700	7617	9416	6308	4142
25	1953 Regional Report Surplus Deficit	2369	1371	1975	2765	1497	-866	6.59	3570	4592	2248	4443	8827	6993	4877
26	1954 Regional Report Surplus Deficit	2148	1066	3294	3306	2729	1081	3081	5234	5762	4541	5702	8801	6539	5384
27	1955 Regional Report Surplus Deficit	3661	4139	6486	3448	3719	996	169	751	1568	1855	3304	7584	7090	5568
28	1956 Regional Report Surplus Deficit	3407	2214	2929	3726	4353	3711	4120	6150	6603	6110	6980	9177	6912	5420
29	1957 Regional Report Surplus Deficit	3221	2906	3440	3695	2354	1449	1245	423	5889	6379	5389	9692	6847	3797
30	1958 Regional Report Surplus Deficit	2291	-158	2807	2888	1977	54.8	1657	3886	5027	3808	6810	9431	6691	2668
31	1959 Regional Report Surplus Deficit	2017	-366	2469	3040	3299	3149	3871	5713	6206	5737	5019	8356	6670	5304
32	1960 Regional Report Surplus Deficit	3438	2451	6892	7544	5287	2764	2066	3509	5346	7983	6300	8126	6454	3852
33	1961 Regional Report Surplus Deficit	2257	-11.0	2652	3244	2254	254	1797	4761	6313	4700	4471	8628	6278	3304
34	1962 Regional Report Surplus Deficit	2167	-61.0	2496	2784	2045	-358	1668	3220	2680	6711	7070	8887	5553	3155
35	1963 Regional Report Surplus Deficit	1984	950	2361	3867	3767	2718	2071	3626	5010	2179	4182	8779	5977	3597
36	1964 Regional Report Surplus Deficit	1824	1.43	3525	3005	1915	281	205	1776	2889	5137	3723	8310	6984	5528
37	1965 Regional Report Surplus Deficit	3345	2981	4499	4324	3296	3849	4459	6386	6514	4209	7207	8911	6205	3895
38	1966 Regional Report Surplus Deficit	3139	2886	2621	3639	2603	710	1143	2701	3398	6692	5358	7231	5199	4059
39	1967 Regional Report Surplus Deficit	2066	87.7	2911	2785	1953	880	3535	5372	5810	3523	1697	7880	6671	5361
40	1968 Regional Report Surplus Deficit	3040	2078	3362	3355	3020	757	2592	4584	5635	1363	2860	6830	6315	4583
41	1969 Regional Report Surplus Deficit	2891	3015	5056	4584	4544	2070	4193	5467	5628	6704	6988	9323	6538	4452
42	1970 Regional Report Surplus Deficit	2553	1008	3003	3208	2462	-349	1651	3492	4265	2504	3646	8652	6798	2505
43	1971 Regional Report Surplus Deficit	1691	-373	2550	2840	2006	315	4184	6204	7257	6011	6462	9087	7021	5491
44	1972 Regional Report Surplus Deficit	3608	4004	3853	3915	2771	1226	3830	6388	7963	7568	6100	9082	6560	5449
45	1973 Regional Report Surplus Deficit	3559	3973	4201	3687	2834	674	1633	1126	2855	270	2104	6348	1806	637
46	1974 Regional Report Surplus Deficit	533	-1440	2215	2894	2087	1995	4782	6260	7540	7071	6907	8498	6749	5634
47	1975 Regional Report Surplus Deficit	3544	3963	3953	2944	1990	-319	2144	3847	5193	2181	3436	8705	6919	5603
48	1976 Regional Report Surplus Deficit	3212	3158	4163	4931	4880	4583	4197	6011	6194	6903	6401	9186	6609	5403
49	1977 Regional Report Surplus Deficit	3801	4218	7766	3774	2173	-888	-1634	317	1211	116	2026	3986	-2810	-1229
50	1978 Regional Report Surplus Deficit	-972	-2813	927	1586	902	1676	1169	2594	5139	6088	5579	8962	5055	4120
51	1979 Regional Report Surplus Deficit	1457	-191	4792	3734	2451	-670	-996	1716	5046	2002	4223	9141	4583	-254
52	1980 Regional Report Surplus Deficit	-492	-1301	2522	2610	1522	-1110	460	341	3179	2732	6437	9716	6442	2172
53	1981 Regional Report Surplus Deficit	94.9	-1577	2801	3053	2057	2632	3091	5229	5105	412	3843	8468	6732	4909
54	1982 Regional Report Surplus Deficit	3308	2660	3386	3282	2897	559	2721	6454	7531	6451	5795	8781	7023	5629

Regional Report Surplus Deficit By Water Year

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	3535	3756	5102	4787	3189	1463	3327	4946	7544	5400	5517	8743	6574	5140
56	1984 Regional Report Surplus Deficit	3453	3449	4021	3526	5232	1948	2788	4664	6363	7023	7091	8959	7057	5158
57	1985 Regional Report Surplus Deficit	3229	1029	4047	3654	3210	671	924	2384	2867	4344	6451	9044	4984	-1707
58	1986 Regional Report Surplus Deficit	-746	-1899	2816	3452	3874	816	1793	5286	7842	6849	7059	8259	5885	3061
59	1987 Regional Report Surplus Deficit	1467	-610	2316	2887	2367	885	-79.8	484	4806	988	3429	7981	3914	461
60	1988 Regional Report Surplus Deficit	-4.29	-2039	1902	2635	1077	-1204	-2561	-1563	2231	957	3322	6666	2265	1609
61	1989 Regional Report Surplus Deficit	1070	-710	2099	2748	1622	-90.7	-2450	-793	4198	5515	6847	8236	4615	1486
62	1990 Regional Report Surplus Deficit	421	-1326	2219	2805	2479	1290	2329	4088	5459	3581	6679	8058	6399	3662
63	1991 Regional Report Surplus Deficit	2836	1642	2722	2721	4787	2182	3197	5048	4839	5145	4693	8338	6050	5013
64	1992 Regional Report Surplus Deficit	3381	2425	2643	2771	1815	-1193	-1259	969	4862	376	1655	6027	-329	-953
65	1993 Regional Report Surplus Deficit	-880	-2373	1402	2551	1675	-717	-3204	-1895	2947	2118	2966	8422	5193	2526
66	1994 Regional Report Surplus Deficit	1482	-362	2879	2773	1909	-482	-2617	-525	1608	925	3382	7813	4303	1307
67	1995 Regional Report Surplus Deficit	618	-1815	2187	2633	1030	-502	-1675	4066	6289	2410	3388	8591	6618	3054
68	1996 Regional Report Surplus Deficit	1328	-398	3375	4318	5406	4506	4643	6720	7803	6790	7645	9248	6516	5227
69	1997 Regional Report Surplus Deficit	3337	2647	3398	3096	2787	2081	4729	6228	7611	6941	7276	8946	6495	5389
70	1998 Regional Report Surplus Deficit	3422	3941	5202	6813	4385	747	995	3903	4408	1836	5084	9433	6911	4085
71	1999 Regional Report Surplus Deficit	3183	1545	2777	3028	1858	1368	3920	6018	7200	4953	6655	8594	6964	5569
72	2000 Regional Report Surplus Deficit	3926	4212	4112	3419	4985	2734	2160	3622	5510	6527	7050	8888	3958	3506
73	2001 Regional Report Surplus Deficit	2413	-872	2217	3010	1432	-868	-1970	-174	1671	434	2020	5498	-2969	-359
74	2002 Regional Report Surplus Deficit	-896	-2962	1105	1312	705	-732	-2218	268	3765	3243	6679	8039	6459	5110
75	2003 Regional Report Surplus Deficit	489	-384	2422	2737	1849	-639	-2167	457	5358	3179	4631	7951	6031	1232
76	2004 Regional Report Surplus Deficit	225	-1625	1976	2962	3167	-400	-2027	-118	4929	2099	3741	7804	4375	1537
77	2005 Regional Report Surplus Deficit	-735	-1054	3823	3272	2207	527	612	2544	2679	812	3062	8104	4829	2344
78	2006 Regional Report Surplus Deficit	889	-1393	2300	2375	2187	527	1916	4412	5561	6706	7163	9196	6785	3658
79	2007 Regional Report Surplus Deficit	2168	-1686	1918	2637	2228	618	2012	1551	6836	5269	4806	8472	4049	3637
80	2008 Regional Report Surplus Deficit	1096	-1488	1713	2138	2394	-952	-440	578	3381	2733	1995	8726	7028	4384

Ranked Averages

81	**Bottom 10 pct**	**-746**	**-2191**	**1981**	**2536**	**1713**	**-119**	**-738**	**1099**	**3687**	**2783**	**4043**	**8242**	**5215**	**2493**
82	**Middle 80 pct**	**1912**	**417**	**2924**	**3353**	**2542**	**773**	**1200**	**3042**	**4899**	**4080**	**5076**	**8270**	**5315**	**3289**
83	**Top 10 pct**	**3636**	**3964**	**4937**	**3688**	**3362**	**979**	**1802**	**3208**	**4776**	**3868**	**4578**	**7787**	**4644**	**3729**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	665	-104	2385	2696	1406	-1319	-2112	-333	1003	976	2981	6611	4651	-1469
2	1930 Regional Report Surplus Deficit	59.5	-1372	2360	2507	1207	-1442	-3557	35.2	1017	2262	4520	6228	1112	1041
3	1931 Regional Report Surplus Deficit	754	-1627	1714	2397	1408	-1381	-3590	-1924	419	1011	-745	7842	844	1320
4	1932 Regional Report Surplus Deficit	-374	-2259	1393	2262	735	-1402	-3780	-2080	3875	7485	7214	10333	7329	3425
5	1933 Regional Report Surplus Deficit	771	901	2895	2839	1607	-71.5	2302	3808	4613	3775	5028	8820	7736	4538
6	1934 Regional Report Surplus Deficit	3326	2296	2920	3741	5238	4476	4487	6203	6714	7633	6914	9317	5464	1648
7	1935 Regional Report Surplus Deficit	-12.4	-1721	1204	2442	1122	-1487	2103	3706	4644	1938	5195	8466	5388	3415
8	1936 Regional Report Surplus Deficit	2655	-460	1933	2427	1190	-1505	-3327	-558	1581	2851	7175	10592	7100	1707
9	1937 Regional Report Surplus Deficit	533	-1091	1874	2250	1304	-1386	-3064	-1905	548	1495	122	7443	3590	-532
10	1938 Regional Report Surplus Deficit	844	-899	2073	2658	1225	-650	1618	3431	5409	6038	7797	10046	6438	3390
11	1939 Regional Report Surplus Deficit	260	-1320	2586	2826	1113	-1353	-676	865	3170	4028	6237	9488	3176	1094
12	1940 Regional Report Surplus Deficit	606	-1282	2004	2782	1969	-676	-1205	369	6548	4486	5427	9127	3277	456
13	1941 Regional Report Surplus Deficit	-921	-2537	1607	2474	1287	-858	-1946	-117	2371	547	2245	7331	2625	991
14	1942 Regional Report Surplus Deficit	-484	-1818	2548	2507	1955	1090	801	963	4098	2519	4927	8160	5453	3868
15	1943 Regional Report Surplus Deficit	1681	309	3434	2412	1148	-415	2621	4470	5262	8646	8245	9647	7875	4682
16	1944 Regional Report Surplus Deficit	1464	-256	2442	2753	1559	-1223	-2025	-151	568	1097	3071	4938	-501	-809
17	1945 Regional Report Surplus Deficit	-1317	-3317	891	2387	992	-1459	-3195	-762	850	1124	-485	9051	6585	-852
18	1946 Regional Report Surplus Deficit	625	-1832	1507	2558	1687	-113	726	1812	5747	6724	7856	10121	6055	4165
19	1947 Regional Report Surplus Deficit	2842	1920	3114	2560	2272	3523	3677	5441	5880	5567	6017	10150	6442	3641
20	1948 Regional Report Surplus Deficit	2474	1115	2698	6194	4357	1646	3328	4560	4406	4717	7183	10372	7211	4414
21	1949 Regional Report Surplus Deficit	3432	3289	3578	3051	2063	-508	525	908	6298	5465	7635	10527	6871	-298
22	1950 Regional Report Surplus Deficit	-889	-1919	1559	2691	1172	-361	3213	5039	6695	7032	7047	9401	7781	4839
23	1951 Regional Report Surplus Deficit	3109	2050	3184	4211	4954	3736	4444	6858	6992	7621	7044	9933	6633	4296
24	1952 Regional Report Surplus Deficit	3172	936	2904	5534	3470	1692	2908	4970	5201	7295	8167	10484	6942	3522
25	1953 Regional Report Surplus Deficit	2179	944	1622	2434	1233	-1325	-285	3449	4431	2917	5004	9929	7814	4121
26	1954 Regional Report Surplus Deficit	1792	628	2909	2981	2405	691	3175	5276	5667	5165	6269	9916	7259	4554
27	1955 Regional Report Surplus Deficit	3660	4041	6358	3124	3456	618	-121	512	1195	2523	3863	8578	7905	4730
28	1956 Regional Report Surplus Deficit	3437	1856	2550	3405	4164	3512	4268	6359	6483	6697	7540	10251	7687	4560
29	1957 Regional Report Surplus Deficit	3190	2623	3054	3374	2041	1075	1113	164	5791	6966	5955	10687	7690	3225
30	1958 Regional Report Surplus Deficit	1957	-599	2424	2559	1678	-387	1532	3785	4907	4448	7379	10494	7415	2294
31	1959 Regional Report Surplus Deficit	1649	-801	2091	2713	2996	2902	4025	5858	6105	6324	5584	9437	7426	4448
32	1960 Regional Report Surplus Deficit	3467	2119	6850	7312	5361	2509	2080	3414	5229	8698	6869	9128	7125	3241
33	1961 Regional Report Surplus Deficit	1946	-455	2276	2920	1946	-168	1754	4749	6215	5309	5033	9742	7015	2777
34	1962 Regional Report Surplus Deficit	1838	-510	2117	2453	1742	-805	1585	3102	2377	7307	7631	9999	6151	2701
35	1963 Regional Report Surplus Deficit	1626	511	2000	3548	3501	2437	2085	3509	4893	2849	4742	9811	6592	3048
36	1964 Regional Report Surplus Deficit	1486	-448	3138	2677	1631	-144	-82.4	1574	2599	5735	4283	9383	7786	4685
37	1965 Regional Report Surplus Deficit	3358	2728	4131	4012	2994	3672	4456	6602	6395	4840	7764	10022	6879	3330
38	1966 Regional Report Surplus Deficit	3085	2611	2247	3319	2280	310	962	2553	3136	7291	5924	8148	5796	3408
39	1967 Regional Report Surplus Deficit	1757	-361	2528	2456	1664	480	3681	5470	5715	4173	2267	8891	7446	4500
40	1968 Regional Report Surplus Deficit	2954	1711	2975	3031	2702	356	2609	4547	5532	2029	3420	7711	6999	3825
41	1969 Regional Report Surplus Deficit	2785	2772	4748	4275	4372	1742	4289	5592	5533	7304	7548	10416	7198	3763
42	1970 Regional Report Surplus Deficit	2308	570	2620	2881	2141	-805	1518	3382	4083	3172	4205	9724	7546	2166
43	1971 Regional Report Surplus Deficit	1258	-809	2174	2511	1727	-113	4318	6420	7086	6598	7031	10182	7809	4635
44	1972 Regional Report Surplus Deficit	3615	3890	3467	3594	2450	840	3983	6604	7692	8221	6669	10187	7329	4603
45	1973 Regional Report Surplus Deficit	3572	3903	3820	3365	2510	258	1504	892	2568	1038	2666	7235	2610	437
46	1974 Regional Report Surplus Deficit	47.3	-1834	1838	2568	1812	1658	4699	6476	7319	7694	7469	9611	7510	4814
47	1975 Regional Report Surplus Deficit	3574	3881	3568	2612	1707	-779	2109	3770	5067	2850	3996	9813	7712	4767
48	1976 Regional Report Surplus Deficit	3152	2895	3782	4624	4773	4493	4348	6205	6094	7520	6971	10268	7280	4542
49	1977 Regional Report Surplus Deficit	3727	4120	7420	3454	1867	-1348	-1977	74.6	798	852	2591	4802	-1562	-1409
50	1978 Regional Report Surplus Deficit	-1466	-3199	570	1248	846	1327	992	2431	5019	6677	6146	10072	5651	3488
51	1979 Regional Report Surplus Deficit	1010	-631	4476	3416	2129	-1134	-1336	1500	4903	2671	4784	10241	5194	-426
52	1980 Regional Report Surplus Deficit	-989	-1709	2142	2279	1242	-1591	196	77.8	2902	3395	7006	10786	7148	1871
53	1981 Regional Report Surplus Deficit	-403	-1942	2415	2729	1746	2340	3211	5293	4990	1044	4403	9539	7550	4061
54	1982 Regional Report Surplus Deficit	3333	2369	3000	2955	2577	144	2768	6670	7305	7041	6364	9893	7834	4856

Regional Report Surplus Deficit By Water Year

Operating Year 2024

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	3560	3615	4770	4477	2873	1089	3434	4938	7343	5997	6084	9857	7261	4312
56	1984 Regional Report Surplus Deficit	3464	3246	3637	3201	5171	1605	2817	4631	6269	7630	7646	10074	7831	4330
57	1985 Regional Report Surplus Deficit	3106	584	3662	3329	2889	260	725	2210	2574	4972	7019	10162	5582	-1887
58	1986 Regional Report Surplus Deficit	-1204	-2178	2436	3127	3598	424	1693	5321	7579	7469	7616	9296	6509	2627
59	1987 Regional Report Surplus Deficit	1007	-1040	1945	2556	2058	483	-395	227	4659	1637	3989	8992	4534	265
60	1988 Regional Report Surplus Deficit	-505	-2370	1532	2307	814	-1685	-2879	-1835	1903	1600	3881	7536	3055	1323
61	1989 Regional Report Surplus Deficit	636	-1144	1723	2420	1360	-525	-2759	-1066	4007	6108	7407	9260	5227	1237
62	1990 Regional Report Surplus Deficit	-77.3	-1703	1846	2477	2155	934	2343	4067	5359	4225	7248	9085	7070	3128
63	1991 Regional Report Surplus Deficit	2727	1247	2345	2389	4686	1878	3331	5103	4713	5741	5258	9407	6691	4152
64	1992 Regional Report Surplus Deficit	3410	2098	2266	2442	1527	-1671	-1607	733	4746	1143	2220	6903	575	-1140
65	1993 Regional Report Surplus Deficit	-1376	-2769	1030	2226	1380	-1172	-3447	-2164	2656	2787	3527	9500	5791	2187
66	1994 Regional Report Surplus Deficit	1069	-808	2493	2445	1593	-920	-2916	-795	1181	1567	3941	8778	4909	1060
67	1995 Regional Report Surplus Deficit	154	-2216	1803	2307	871	-952	-2019	3989	6193	3077	3947	9616	7323	2630
68	1996 Regional Report Surplus Deficit	855	-837	2989	4006	5518	4623	4688	6936	7540	7384	8200	10357	7221	4368
69	1997 Regional Report Surplus Deficit	3359	2348	3013	2769	2464	1747	4632	6444	7398	7567	7833	10040	7298	4542
70	1998 Regional Report Surplus Deficit	3423	3830	4871	6546	4195	334	770	3825	4227	2505	5649	10475	7689	3488
71	1999 Regional Report Surplus Deficit	3092	1120	2398	2698	1588	989	4074	6183	7027	5553	7223	9684	7704	4714
72	2000 Regional Report Surplus Deficit	3915	4112	3730	3095	4962	2448	2115	3523	5404	7116	7613	10001	4611	2972
73	2001 Regional Report Surplus Deficit	2123	-1266	1849	2683	1176	-1330	-2319	-430	1309	1071	2585	6346	-1665	-567
74	2002 Regional Report Surplus Deficit	-1392	-3318	748	977	599	-1191	-2541	14.2	3564	3898	7245	9059	7208	4265
75	2003 Regional Report Surplus Deficit	-11.5	-815	2044	2411	1536	-1091	-2493	206	5243	3833	5194	8965	6657	1001
76	2004 Regional Report Surplus Deficit	-276	-1996	1610	2639	2879	-848	-2366	-385	4805	2767	4301	8774	4989	1286
77	2005 Regional Report Surplus Deficit	-1220	-1449	3449	2952	1884	139	431	2403	2399	1469	3621	9142	5431	1989
78	2006 Regional Report Surplus Deficit	418	-1801	1923	2046	1867	120	1844	4373	5465	7306	7721	10297	7510	3127
79	2007 Regional Report Surplus Deficit	1808	-2040	1564	2307	1921	215	1996	1340	6717	5859	5371	9554	4682	3051
80	2008 Regional Report Surplus Deficit	612	-1858	1357	1813	2075	-1416	-757	337	3139	3399	2564	9844	7850	3739

Ranked Averages

81	**Bottom 10 pct**	**-1236**	**-2560**	**1609**	**2209**	**1478**	**-548**	**-977**	**900**	**3418**	**3421**	**4615**	**9280**	**5868**	**2071**
82	**Middle 80 pct**	**1620**	**51.0**	**2505**	**2968**	**2293**	**384**	**1107**	**2986**	**4730**	**4698**	**5654**	**9320**	**6054**	**2751**
83	**Top 10 pct**	**3636**	**3710**	**4998**	**3879**	**3148**	**704**	**1641**	**2966**	**4412**	**4662**	**5044**	**8700**	**5374**	**2957**

Regional Report Surplus Deficit By Water Year

Operating Year 2025

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	369	-539	2051	2513	1007	-1570	-2401	-729	778	-386	2003	5029	3378	-1948
2	1930 Regional Report Surplus Deficit	-235	-1824	2033	2321	848	-1690	-3941	-358	805	864	3546	4645	-517	649
3	1931 Regional Report Surplus Deficit	389	-2074	1385	2210	1075	-1642	-3948	-2306	255	-486	-1806	6212	-723	973
4	1932 Regional Report Surplus Deficit	-658	-2776	1049	2077	301	-1655	-4208	-2431	3446	6135	6233	8489	6014	3387
5	1933 Regional Report Surplus Deficit	468	419	2570	2651	1243	-368	1631	3192	4114	2395	4053	7061	6325	4747
6	1934 Regional Report Surplus Deficit	2539	1729	2594	3544	4536	3652	3744	5353	6247	6257	5933	7485	4244	1343
7	1935 Regional Report Surplus Deficit	-296	-2193	865	2253	674	-1727	1464	3108	4144	549	4219	6776	4163	3399
8	1936 Regional Report Surplus Deficit	2010	-895	1588	2244	805	-1758	-3691	-947	1325	1452	6193	8741	5824	1350
9	1937 Regional Report Surplus Deficit	240	-1552	1533	2070	962	-1644	-3376	-2286	362	121	-905	5836	2223	-1010
10	1938 Regional Report Surplus Deficit	521	-1346	1738	2472	808	-912	1064	2863	4891	4717	6822	8193	5214	3322
11	1939 Regional Report Surplus Deficit	-19.8	-1802	2260	2638	684	-1593	-995	443	2809	2652	5255	7735	1816	688
12	1940 Regional Report Surplus Deficit	292	-1740	1674	2591	1652	-952	-1509	-27.1	6032	3122	4449	7406	1930	13.9
13	1941 Regional Report Surplus Deficit	-1201	-3061	1275	2287	930	-1121	-2236	-511	2033	-806	1268	5681	1286	647
14	1942 Regional Report Surplus Deficit	-769	-2283	2222	2320	1636	738	341	539	3636	1120	3951	6479	4238	3986
15	1943 Regional Report Surplus Deficit	1203	-136	3097	2230	284	-687	1938	3850	4750	7219	7286	7829	6426	4856
16	1944 Regional Report Surplus Deficit	1081	-689	2105	2572	1192	-1469	-2317	-549	404	-276	2094	3384	-2254	-1268
17	1945 Regional Report Surplus Deficit	-1602	-3831	555	2198	607	-1718	-3563	-1144	667	-233	-1536	7280	5341	-1338
18	1946 Regional Report Surplus Deficit	301	-2318	1151	2376	1332	-399	302	1352	5221	5407	6885	8265	4841	4298
19	1947 Regional Report Surplus Deficit	2202	1390	2788	2380	1952	3011	2890	4714	5352	4233	5036	8296	5211	3655
20	1948 Regional Report Surplus Deficit	1880	647	2370	5959	3881	1267	2566	3907	3935	3359	6201	8569	5796	4620
21	1949 Regional Report Surplus Deficit	2628	2591	3249	2864	1739	-782	64.4	487	5776	4127	6656	8699	5622	-775
22	1950 Regional Report Surplus Deficit	-1199	-2521	1204	2506	723	-645	2470	4352	6182	5713	6064	7569	6383	5020
23	1951 Regional Report Surplus Deficit	2392	1520	2859	4012	4415	3217	3674	5988	6535	6280	6061	8077	5398	4498
24	1952 Regional Report Surplus Deficit	2440	479	2576	5316	3111	1311	2176	4310	4694	5971	7203	8678	5691	3490
25	1953 Regional Report Surplus Deficit	1591	489	1263	2253	857	-1578	-634	2916	3969	1518	4030	8090	6376	4226
26	1954 Regional Report Surplus Deficit	1370	184	2582	2794	2088	369	2440	4580	5140	3812	5288	8064	5922	4733
27	1955 Regional Report Surplus Deficit	2883	3257	5774	2936	3078	283	-472	96.9	945	1126	2890	6847	6473	4917
28	1956 Regional Report Surplus Deficit	2629	1332	2217	3214	3712	2998	3480	5496	5981	5381	6567	8440	6294	4769
29	1957 Regional Report Surplus Deficit	2443	2024	2727	3183	1713	736	604	-231	5267	5650	4975	8954	6229	3145
30	1958 Regional Report Surplus Deficit	1514	-1040	2095	2376	1337	-658	1017	3232	4405	3079	6396	8694	6073	2016
31	1959 Regional Report Surplus Deficit	1239	-1248	1757	2528	2659	2437	3230	5059	5584	5007	4605	7619	6052	4653
32	1960 Regional Report Surplus Deficit	2660	1569	6180	7032	4646	2052	1426	2855	4723	7254	5887	7389	5836	3201
33	1961 Regional Report Surplus Deficit	1479	-893	1940	2732	1614	-458	1156	4107	5691	3971	4057	7891	5660	2653
34	1962 Regional Report Surplus Deficit	1390	-943	1784	2272	1405	-1070	1027	2566	2057	5982	6656	8149	4936	2503
35	1963 Regional Report Surplus Deficit	1206	67.5	1649	3355	3126	2005	1430	2972	4388	1450	3768	8042	5360	2945
36	1964 Regional Report Surplus Deficit	1046	-881	2813	2494	1274	-431	-436	1122	2267	4407	3310	7572	6367	4877
37	1965 Regional Report Surplus Deficit	2567	2099	3786	3812	2656	3136	3818	5732	5891	3479	6793	8174	5588	3244
38	1966 Regional Report Surplus Deficit	2361	2004	1909	3127	1963	-2.59	503	2047	2775	5962	4944	6494	4582	3408
39	1967 Regional Report Surplus Deficit	1288	-794	2198	2273	1312	167	2895	4718	5187	2794	1284	7143	6053	4709
40	1968 Regional Report Surplus Deficit	2263	1195	2650	2843	2380	44.4	1951	3930	5012	633	2446	6093	5698	3931
41	1969 Regional Report Surplus Deficit	2113	2133	4344	4072	3904	1357	3552	4813	5005	5974	6574	8586	5920	3801
42	1970 Regional Report Surplus Deficit	1775	126	2291	2696	1821	-1061	1010	2838	3642	1775	3232	7914	6181	1854
43	1971 Regional Report Surplus Deficit	913	-1255	1838	2328	1365	-398	3543	5550	6635	5282	6049	8350	6404	4839
44	1972 Regional Report Surplus Deficit	2830	3122	3141	3403	2130	514	3189	5734	7340	6838	5686	8345	5943	4797
45	1973 Regional Report Surplus Deficit	2781	3091	3489	3175	2193	-38.2	992	473	2233	-459	1690	5610	1189	-14.8
46	1974 Regional Report Surplus Deficit	-245	-2322	1503	2382	1447	1282	4141	5606	6917	6341	6493	7760	6131	4982
47	1975 Regional Report Surplus Deficit	2766	3081	3241	2432	1349	-1032	1503	3193	4570	1452	3022	7968	6302	4951
48	1976 Regional Report Surplus Deficit	2435	2276	3451	4420	4240	3871	3556	5357	5571	6174	5988	8448	5992	4752
49	1977 Regional Report Surplus Deficit	3023	3336	7054	3262	1533	-1601	-2275	-337	589	-613	1613	3248	-3428	-1880
50	1978 Regional Report Surplus Deficit	-1749	-3695	215	1074	261	964	528	1941	4517	5359	5166	8225	4437	3468
51	1979 Regional Report Surplus Deficit	679	-1073	4080	3222	1811	-1382	-1637	1062	4423	1272	3810	8403	3966	-905
52	1980 Regional Report Surplus Deficit	-1270	-2183	1809	2098	882	-1823	-181	-313	2557	2003	6023	8979	5824	1521
53	1981 Regional Report Surplus Deficit	-683	-2459	2089	2542	1416	1919	2450	4575	4482	-317	3429	7731	6114	4257
54	1982 Regional Report Surplus Deficit	2530	1778	2674	2770	2256	-153	2080	5800	6909	5722	5381	8043	6406	4977

Regional Report Surplus Deficit By Water Year

Operating Year 2025

2014 White Book Report Date: **10/31/2014** *Continued*

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	2757	2874	4390	4275	2549	750	2686	4292	6921	4671	5103	8006	5957	4489
56	1984 Regional Report Surplus Deficit	2675	2567	3309	3014	4591	1235	2147	4010	5740	6293	6677	8221	6440	4506
57	1985 Regional Report Surplus Deficit	2451	147	3335	3142	2570	-41.7	283	1730	2244	3614	6037	8307	4367	-2358
58	1986 Regional Report Surplus Deficit	-1523	-2781	2104	2940	3233	103	1152	4632	7219	6120	6645	7522	5267	2410
59	1987 Regional Report Surplus Deficit	690	-1492	1604	2375	1726	172	-721	-170	4183	258	3015	7244	3296	-191
60	1988 Regional Report Surplus Deficit	-782	-2921	1190	2123	437	-1917	-3202	-2217	1609	228	2908	5929	1648	957
61	1989 Regional Report Surplus Deficit	293	-1592	1386	2236	982	-803	-3091	-1447	3576	4785	6433	7499	3998	835
62	1990 Regional Report Surplus Deficit	-357	-2208	1507	2293	1838	577	1688	3434	4837	2851	6265	7321	5782	3010
63	1991 Regional Report Surplus Deficit	2058	760	2010	2209	4146	1469	2557	4394	4216	4416	4280	7601	5432	4361
64	1992 Regional Report Surplus Deficit	2603	1543	1931	2259	1175	-1905	-1900	315	4240	-354	1242	5290	-946	-1604
65	1993 Regional Report Surplus Deficit	-1658	-3255	690	2039	1035	-1429	-3844	-2549	2325	1389	2552	7684	4575	1875
66	1994 Regional Report Surplus Deficit	704	-1244	2167	2261	1269	-1194	-3258	-1179	985	196	2968	7076	3685	655
67	1995 Regional Report Surplus Deficit	-160	-2697	1475	2121	389	-1215	-2316	3412	5666	1681	2974	7854	6001	2402
68	1996 Regional Report Surplus Deficit	550	-1280	2663	3806	4765	3793	4002	6066	7180	6061	7231	8510	5899	4576
69	1997 Regional Report Surplus Deficit	2559	1765	2686	2584	2147	1368	4088	5574	6989	6212	6863	8209	5878	4738
70	1998 Regional Report Surplus Deficit	2645	3059	4490	6302	3744	34.7	354	3249	3785	1107	4670	8696	6294	3433
71	1999 Regional Report Surplus Deficit	2405	663	2064	2516	1217	656	3279	5364	6578	4223	6241	7857	6347	4917
72	2000 Regional Report Surplus Deficit	3149	3330	3400	2908	4345	2021	1519	2968	4887	5798	6636	8151	3341	2855
73	2001 Regional Report Surplus Deficit	1636	-1754	1505	2498	792	-1581	-2611	-828	1049	-295	1607	4761	-3587	-1011
74	2002 Regional Report Surplus Deficit	-1674	-3844	392	800	64.1	-1445	-2859	-386	3143	2513	6266	7302	5841	4459
75	2003 Regional Report Surplus Deficit	-289	-1266	1710	2225	1208	-1351	-2808	-197	4735	2450	4217	7213	5414	581
76	2004 Regional Report Surplus Deficit	-553	-2507	1264	2450	2526	-1113	-2668	-772	4306	1370	3327	7067	3757	886
77	2005 Regional Report Surplus Deficit	-1512	-1936	3110	2760	1566	-185	-28.8	1890	2057	82.7	2648	7367	4212	1693
78	2006 Regional Report Surplus Deficit	111	-2275	1587	1864	1547	-186	1275	3758	4938	5976	6749	8459	6168	3007
79	2007 Regional Report Surplus Deficit	1390	-2568	1206	2126	1588	-94.6	1371	897	6214	4540	4393	7735	3432	2986
80	2008 Regional Report Surplus Deficit	318	-2370	1001	1626	1753	-1665	-1081	-75.5	2758	2004	1581	7989	6410	3732

Ranked Averages

81	**Bottom 10 pct**	**-1524**	**-3073**	**1269**	**2025**	**1072**	**-832**	**-1379**	**445**	**3065**	**2053**	**3629**	**7505**	**4598**	**1842**
82	**Middle 80 pct**	**1135**	**-465**	**2212**	**2841**	**1901**	**60.7**	**559**	**2388**	**4277**	**3351**	**4662**	**7533**	**4698**	**2637**
83	**Top 10 pct**	**2858**	**3082**	**4225**	**3176**	**2721**	**267**	**1161**	**2554**	**4153**	**3138**	**4165**	**7049**	**4027**	**3078**

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Section 3: Monthly 1-Hour Capacity Operating Year 2016 to 2025

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Exhibit 19
Federal Report Surplus Deficit

Monthly 1-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Loads and Resources - Federal System

Operating Year: 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1094	1094	1000	896	780	873	835	839	930	975	975	1052	1073	1118
2	Federal Agencies	133	133	126	148	186	206	209	197	190	169	169	151	140	144
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	9658	9265	8675	8686	11085	11727	11700	10598	10229	9419	8926	9631	9378	9404
6	Load Following	4062	4062	3844	4164	4741	5314	5274	5005	4588	4367	4367	4021	3992	4221
7	Tier 1 Block	12.0	12.0	25.0	10.2	46.1	40.5	56.9	53.8	47.7	3.09	3.09	0	0	11.4
8	Slice Block	1596	1596	1666	1626	2003	2227	2256	2014	1940	1635	1635	1445	1355	1575
9	Slice Output from T1 System	2981	2621	2427	2203	3104	3218	2893	2549	2837	2557	2159	3560	3281	2785
10	Exports	1619	1619	1456	1440	1383	1395	1395	1374	1398	1416	1416	1401	1422	1432
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	196	198	198	198	137	101	101	9.44	9.44	9.44
12	Federal Diversity	-622	-654	-754	-767	-388	-666	-373	-596	-720	-662	-757	-805	-682	-630
13	**Total Firm Obligations**	**10752**	**10360**	**9675**	**9582**	**11865**	**12600**	**12535**	**11438**	**11159**	**10394**	**9901**	**10683**	**10450**	**10522**
	Net Resources														
14	**Net Hydro**	13936	12497	11506	10485	13879	14439	13103	11737	12945	11893	10310	15995	14947	13047
15	Regulated Hydro - Net	13467	12034	10967	10069	13485	14163	12857	11518	12581	11288	9692	15236	14148	12531
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1136	1136	1137	1142	1144	1147	1149	1148	1148	1125	1125	1125	1124	1123
18	Cogeneration Resources	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	476	470	706	682	724	721	717	700	728	733	721	425	695	487
25	Imports	41.0	41.0	41.0	41.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	1.00	1.00	76.0
26	Intra-Regional Transfers (In)	123	125	366	348	343	338	343	335	355	365	363	97.7	374	103
27	Non-Federal CER	241	241	241	241	241	240	239	239	240	241	241	241	241	241
28	Slice Transmission Loss Return	71.3	62.6	58.0	52.6	74.3	77.0	69.2	60.9	67.8	61.1	51.5	85.2	78.5	66.6
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-2130	-2040	-1979	-1939	-2192	-2254	-2173	-2070	-2113	-2021	-1922	-2241	-2196	-2085
31	Contingency Reserves (Spinning)	-380	-359	-341	-338	-409	-431	-413	-384	-384	-355	-332	-403	-393	-372
32	Contingency Reserves (Non-Spinning)	-380	-359	-341	-338	-409	-431	-413	-384	-384	-355	-332	-403	-393	-372
33	Load Following Reserves	-495	-495	-495	-583	-584	-584	-584	-584	-584	-584	-584	-584	-584	-584
34	Generation Imbalance Reserves	-405	-405	-405	-317	-316	-316	-316	-316	-316	-316	-316	-316	-316	-316
35	Transmission Losses	-469	-422	-398	-363	-474	-492	-448	-403	-445	-410	-358	-535	-510	-440
36	**Total Net Resources**	**13419**	**12063**	**11370**	**10371**	**13555**	**14053**	**12795**	**11515**	**12708**	**11730**	**10234**	**15304**	**14570**	**12573**
37	**Total Surplus/Deficit**	**2666**	**1703**	**1695**	**789**	**1691**	**1454**	**261**	**77.3**	**1548**	**1336**	**332**	**4621**	**4120**	**2050**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1099	1099	1004	901	775	870	828	836	928	975	975	1052	1073	1118
2	Federal Agencies	138	138	130	152	181	203	202	194	188	170	170	151	140	144
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	9644	8993	8934	8619	10901	11342	11758	10753	10108	9492	9031	9248	9060	9558
6	Load Following	4143	4143	3931	4197	4772	5344	5307	5038	4624	4402	4402	4048	4013	4248
7	Tier 1 Block	11.7	11.7	24.2	10.2	45.9	40.3	56.8	55.6	47.6	3.08	3.08	0	0	11.4
8	Slice Block	1570	1570	1638	1657	2041	2270	2299	2125	1976	1667	1667	1473	1382	1605
9	Slice Output from T1 System	2903	2641	2691	2217	3053	3176	2888	2537	2739	2596	2276	3274	2931	2867
10	Exports	1529	1529	1389	1369	1356	1348	1346	1346	1371	1391	1391	1391	1410	1432
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	196	198	198	198	137	101	101	9.44	9.44	9.44
12	Federal Diversity	-522	-912	-748	-840	-564	-1035	-337	-548	-788	-669	-809	-948	-686	-614
13	**Total Firm Obligations**	**10743**	**10092**	**9938**	**9520**	**11676**	**12212**	**12586**	**11589**	**11036**	**10467**	**10007**	**10300**	**10133**	**10676**
	Net Resources														
14	**Net Hydro**	13589	12546	12532	10545	13760	14358	13169	11777	12641	12108	10835	15955	14653	13384
15	Regulated Hydro - Net	13120	12083	11993	10129	13365	14082	12923	11557	12277	11503	10217	15196	13854	12867
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	4.58	4.10	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
21	Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	496	492	734	775	789	785	784	767	792	751	741	499	768	495
25	Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
26	Intra-Regional Transfers (In)	110	112	353	355	350	345	350	342	362	372	370	104	381	110
27	Non-Federal CER	241	241	241	241	240	238	239	239	239	240	240	240	240	240
28	Slice Transmission Loss Return	69.4	63.1	64.3	52.9	73.0	76.0	69.1	60.6	65.5	62.0	54.3	78.3	70.1	68.6
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-2114	-2049	-2046	-1948	-2189	-2253	-2180	-2076	-2098	-2037	-1958	-2142	-2081	-2107
31	Contingency Reserves (Spinning)	-378	-363	-357	-340	-409	-431	-415	-385	-381	-360	-341	-371	-357	-378
32	Contingency Reserves (Non-Spinning)	-378	-363	-357	-340	-409	-431	-415	-385	-381	-360	-341	-371	-357	-378
33	Load Following Reserves	-584	-584	-585	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-316	-316	-315	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-458	-424	-432	-367	-472	-490	-451	-406	-436	-418	-376	-501	-467	-451
36	**Total Net Resources**	**13095**	**12113**	**12343**	**10497**	**13485**	**14015**	**12897**	**11592**	**12460**	**11946**	**10743**	**14317**	**13343**	**12894**
37	**Total Surplus/Deficit**	**2352**	**2020**	**2405**	**977**	**1809**	**1803**	**311**	**3.08**	**1424**	**1480**	**736**	**4017**	**3211**	**2218**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1099	1099	1004	901	777	872	829	837	928	1014	1014	1084	1104	1152
2	Federal Agencies	138	138	131	152	183	205	204	195	188	209	209	183	171	178
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	9633	9030	8947	8605	10848	11436	11509	10617	10251	9405	8946	9467	9370	9471
6	Load Following	4181	4181	3964	4225	4798	5370	5347	5074	4653	4426	4426	4073	4045	4281
7	Tier 1 Block	11.7	11.7	24.1	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
8	Slice Block	1599	1599	1668	1662	2046	2275	2304	2129	1981	1671	1671	1477	1386	1608
9	Slice Output from T1 System	2815	2625	2657	2194	3075	3188	2864	2522	2809	2536	2139	3545	3269	2765
10	Exports	1546	1546	1412	1386	1374	1366	1363	1363	1388	1409	1409	1409	1427	1449
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	106	107	107	107	73.4	55.4	55.4	9.44	9.44	9.44
12	Federal Diversity	-529	-942	-787	-882	-597	-910	-535	-635	-702	-695	-757	-1047	-767	-653
13	**Total Firm Obligations**	**10732**	**10129**	**9951**	**9506**	**11625**	**12308**	**12338**	**11454**	**11178**	**10419**	**9961**	**10550**	**10475**	**10623**
	Net Resources														
14	**Net Hydro**	13269	12511	12422	10478	13884	14444	13108	11743	12950	11920	10336	15981	14953	13019
15	Regulated Hydro - Net	12801	12048	11884	10062	13489	14168	12863	11523	12586	11314	9718	15222	14154	12502
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	1125	1124	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	500	498	608	666	665	662	660	644	671	623	611	510	649	497
25	Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
26	Intra-Regional Transfers (In)	117	119	229	247	226	221	226	218	238	249	246	111	257	117
27	Non-Federal CER	240	240	240	241	239	239	240	240	240	238	238	238	238	238
28	Slice Transmission Loss Return	67.3	62.7	63.5	52.2	73.3	76.1	68.3	60.1	67.0	60.4	50.9	84.7	78.0	65.9
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-2096	-2049	-2037	-1943	-2194	-2256	-2175	-2073	-2116	-2044	-1945	-2230	-2200	-2089
31	Contingency Reserves (Spinning)	-374	-363	-357	-341	-411	-433	-415	-386	-387	-369	-345	-396	-396	-375
32	Contingency Reserves (Non-Spinning)	-374	-363	-357	-341	-411	-433	-415	-386	-387	-369	-345	-396	-396	-375
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-448	-423	-424	-361	-472	-489	-445	-400	-442	-407	-354	-538	-508	-439
36	**Total Net Resources**	**12797**	**12083**	**12116**	**10326**	**13479**	**13975**	**12718**	**11438**	**12630**	**11624**	**10127**	**15386**	**14527**	**12550**
37	**Total Surplus/Deficit**	**2065**	**1954**	**2165**	**820**	**1854**	**1667**	**379**	**-16.2**	**1452**	**1205**	**167**	**4836**	**4052**	**1928**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1134	1134	1034	934	793	897	849	852	975	1014	1014	1084	1104	1152
2	Federal Agencies	173	173	161	185	200	230	224	209	235	209	209	183	171	178
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	9362	9132	9102	8549	10888	11353	11574	10646	10290	9243	8766	9045	8964	9583
6	Load Following	4215	4215	3990	4247	4822	5395	5372	5070	4676	4450	4450	4100	4074	4312
7	Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
8	Slice Block	1602	1602	1672	1682	2071	2303	2332	2156	2005	1691	1691	1496	1404	1628
9	Slice Output from T1 System	2885	2630	2681	2211	3044	3166	2879	2531	2732	2552	2111	3191	2870	2847
10	Exports	1548	1548	1417	1386	1374	1366	1363	1363	1338	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	106	107	107	107	73.4	55.4	55.4	9.44	9.44	9.44
12	Federal Diversity	-909	-885	-692	-998	-574	-1025	-539	-637	-582	-834	-869	-1075	-717	-572
13	**Total Firm Obligations**	**10496**	**10266**	**10136**	**9483**	**11682**	**12250**	**12423**	**11498**	**11265**	**10257**	**9781**	**10128**	**10068**	**10735**
	Net Resources														
14	**Net Hydro**	13572	12552	12537	10551	13765	14363	13174	11781	12647	11987	10225	15654	14447	13352
15	Regulated Hydro - Net	13104	12089	11999	10135	13370	14087	12929	11562	12283	11382	9607	14894	13648	12835
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	4.58	4.10	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
21	Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	507	503	614	652	668	667	665	648	645	591	578	473	599	466
25	Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
26	Intra-Regional Transfers (In)	124	126	236	235	230	225	230	222	214	216	213	82.1	216	83.5
27	Non-Federal CER	238	238	238	239	239	240	240	240	240	239	239	239	239	239
28	Slice Transmission Loss Return	68.8	62.7	63.9	52.6	72.6	75.5	68.6	60.3	65.1	60.8	50.2	76.1	68.4	67.9
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-2119	-2056	-2048	-1950	-2190	-2254	-2182	-2077	-2099	-2049	-1939	-2109	-2068	-2110
31	Contingency Reserves (Spinning)	-381	-366	-360	-343	-411	-434	-417	-388	-384	-370	-345	-359	-357	-381
32	Contingency Reserves (Non-Spinning)	-381	-366	-360	-343	-411	-434	-417	-388	-384	-370	-345	-359	-357	-381
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-458	-424	-428	-363	-468	-486	-447	-401	-431	-408	-349	-491	-454	-449
36	**Total Net Resources**	**13083**	**12123**	**12227**	**10378**	**13367**	**13900**	**12782**	**11477**	**12317**	**11654**	**9989**	**14022**	**12982**	**12831**
37	**Total Surplus/Deficit**	**2587**	**1856**	**2090**	**896**	**1686**	**1650**	**359**	**-20.8**	**1053**	**1397**	**208**	**3894**	**2914**	**2096**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1134	1134	1034	934	795	891	863	869	959	1015	1015	1084	1105	1153
2	Federal Agencies	173	173	161	185	201	224	237	227	219	209	209	183	172	179
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	9221	9064	9014	8517	10800	11248	11460	10415	10159	9254	8747	9551	9348	9538
6	Load Following	4246	4246	4020	4291	4868	5442	5419	5142	4718	4490	4490	4139	4112	4350
7	Tier 1 Block	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
8	Slice Block	1622	1622	1692	1670	2056	2286	2315	2066	1990	1679	1679	1484	1393	1616
9	Slice Output from T1 System	2803	2621	2654	2200	3077	3190	2866	2525	2812	2539	2142	3546	3272	2766
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-909	-885	-709	-989	-590	-1053	-541	-715	-744	-791	-902	-952	-763	-564
13	**Total Firm Obligations**	**10355**	**10198**	**10049**	**9451**	**11595**	**12139**	**12323**	**11284**	**11118**	**10269**	**9762**	**10636**	**10453**	**10690**
	Net Resources														
14	**Net Hydro**	13246	12517	12427	10496	13889	14449	13113	11747	12954	11923	10340	15982	14957	13022
15	Regulated Hydro - Net	12777	12053	11888	10080	13494	14173	12868	11528	12591	11318	9722	15223	14157	12506
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	1125	1124	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	462	460	461	422	442	444	436	427	437	382	370	404	400	386
25	Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
26	Intra-Regional Transfers (In)	80.5	82.6	82.8	4.90	3.40	3.10	2.90	2.10	4.80	6.50	4.10	4.30	6.60	5.50
27	Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
28	Slice Transmission Loss Return	66.8	62.4	63.2	52.3	73.4	76.1	68.3	60.1	67.0	60.5	50.9	84.7	78.1	65.9
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-2099	-2054	-2037	-1940	-2192	-2253	-2173	-2070	-2112	-2039	-1940	-2230	-2196	-2089
31	Contingency Reserves (Spinning)	-377	-366	-359	-343	-414	-436	-418	-389	-389	-370	-347	-397	-398	-377
32	Contingency Reserves (Non-Spinning)	-377	-366	-359	-343	-414	-436	-418	-389	-389	-370	-347	-397	-398	-377
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-445	-421	-419	-353	-464	-482	-437	-393	-434	-398	-346	-535	-500	-435
36	**Total Net Resources**	**12732**	**12047**	**11974**	**10102**	**13264**	**13764**	**12501**	**11229**	**12404**	**11391**	**9894**	**15281**	**14285**	**12443**
37	**Total Surplus/Deficit**	**2377**	**1849**	**1925**	**651**	**1669**	**1625**	**179**	**-54.9**	**1286**	**1122**	**132**	**4646**	**3832**	**1753**

Loads and Resources - Federal System

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1135	1135	1035	934	807	901	863	870	960	1007	1007	1085	1104	1147
2	Federal Agencies	173	173	161	186	213	235	238	228	220	201	201	184	171	174
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	9553	8843	8936	8605	10850	11600	11621	10618	10069	9360	8702	9317	8937	9594
6	Load Following	4284	4284	4056	4315	4893	5470	5447	5167	4743	4514	4514	4162	4135	4375
7	Tier 1 Block	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
8	Slice Block	1610	1610	1680	1704	2098	2333	2363	2184	2031	1714	1714	1515	1422	1649
9	Slice Output from T1 System	2887	2632	2684	2213	3046	3168	2881	2533	2734	2554	2113	3191	2872	2848
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-689	-1144	-842	-972	-574	-754	-468	-662	-822	-759	-975	-885	-826	-647
13	**Total Firm Obligations**	**10687**	**9977**	**9971**	**9539**	**11657**	**12501**	**12485**	**11488**	**11029**	**10367**	**9709**	**10402**	**10042**	**10741**
	Net Resources														
14	**Net Hydro**	13576	12556	12541	10555	13769	14347	13157	11764	12628	11969	10206	15647	14430	13333
15	Regulated Hydro - Net	13108	12093	12002	10139	13374	14071	12912	11545	12264	11363	9588	14888	13631	12817
16	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	4.58	4.09	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
21	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	386	383	384	418	438	441	434	425	430	376	365	391	383	308
25	Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	1.00
26	Intra-Regional Transfers (In)	2.50	5.00	4.60	0	0	0	0	0	0	0	0	0	0	0
27	Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
28	Slice Transmission Loss Return	68.8	62.7	63.9	52.6	72.6	75.6	68.7	60.3	65.2	60.8	50.2	76.2	68.5	67.9
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-2119	-2055	-2043	-1945	-2186	-2230	-2157	-2053	-2073	-2023	-1913	-2100	-2043	-2086
31	Contingency Reserves (Spinning)	-383	-368	-362	-345	-413	-426	-409	-379	-375	-361	-335	-356	-348	-371
32	Contingency Reserves (Non-Spinning)	-383	-368	-362	-345	-413	-426	-409	-379	-375	-361	-335	-356	-348	-371
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-454	-420	-420	-355	-460	-479	-439	-394	-424	-400	-342	-488	-447	-444
36	**Total Net Resources**	**12967**	**12007**	**12004**	**10151**	**13145**	**13682**	**12559**	**11262**	**12110**	**11446**	**9783**	**13943**	**12775**	**12678**
37	**Total Surplus/Deficit**	**2280**	**2030**	**2033**	**612**	**1488**	**1181**	**73.7**	**-226**	**1081**	**1080**	**73.7**	**3541**	**2733**	**1937**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1127	1127	1037	935	807	902	864	871	960	1007	1007	1085	1105	1148
2	Federal Agencies	166	166	163	186	214	235	239	229	221	202	202	184	172	174
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	9500	8871	8950	8629	10725	11203	11571	10604	10121	9221	8672	9633	9317	9449
6	Load Following	4308	4308	4078	4342	4923	5502	5479	5200	4772	4542	4542	4189	4162	4402
7	Tier 1 Block	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
8	Slice Block	1643	1643	1714	1668	2053	2284	2313	2138	1988	1677	1677	1483	1392	1614
9	Slice Output from T1 System	2803	2622	2655	2196	3073	3185	2861	2519	2808	2536	2140	3544	3269	2763
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-715	-1163	-856	-922	-712	-1149	-481	-651	-831	-871	-1023	-917	-839	-700
13	**Total Firm Obligations**	**10628**	**9998**	**9987**	**9564**	**11533**	**12106**	**12435**	**11475**	**11081**	**10228**	**9680**	**10718**	**10422**	**10597**
	Net Resources														
14	**Net Hydro**	13228	12499	12409	10464	13855	14410	13073	11709	12922	11885	10302	15980	14929	12991
15	Regulated Hydro - Net	12759	12036	11870	10062	13477	14156	12850	11510	12573	11289	9694	15227	14139	12488
16	Independent Hydro - Net	469	464	539	403	378	254	223	199	349	596	608	753	789	504
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	1125	1124	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	307	302	303	292	313	316	308	300	307	300	291	325	318	306
25	Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
26	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
28	Slice Transmission Loss Return	66.8	62.5	63.2	52.2	73.3	76.0	68.2	60.0	66.9	60.4	50.9	84.6	78.0	65.9
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-2076	-2031	-2013	-1917	-2169	-2231	-2150	-2047	-2089	-2008	-1909	-2231	-2175	-2067
31	Contingency Reserves (Spinning)	-368	-357	-350	-334	-405	-427	-409	-380	-380	-356	-333	-399	-389	-368
32	Contingency Reserves (Non-Spinning)	-368	-357	-350	-334	-405	-427	-409	-380	-380	-356	-333	-399	-389	-368
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-440	-416	-414	-349	-459	-476	-432	-388	-429	-395	-343	-532	-497	-432
36	**Total Net Resources**	**12582**	**11894**	**11822**	**9964**	**13123**	**13619**	**12356**	**11086**	**12264**	**11302**	**9808**	**15198**	**14196**	**12353**
37	**Total Surplus/Deficit**	**1954**	**1896**	**1835**	**399**	**1591**	**1514**	**-79.5**	**-389**	**1183**	**1074**	**129**	**4480**	**3774**	**1757**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1128	1128	1037	936	808	903	865	868	961	1008	1008	1086	1105	1149
2	Federal Agencies	167	167	163	187	214	236	240	226	221	202	202	185	172	175
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	9368	8903	8973	8670	10750	11528	11703	10683	10107	9394	8754	9251	8962	9587
6	Load Following	4337	4337	4105	4369	4952	5532	5510	5199	4800	4568	4568	4214	4186	4429
7	Tier 1 Block	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
8	Slice Block	1608	1608	1678	1706	2100	2336	2366	2186	2033	1716	1716	1518	1424	1651
9	Slice Output from T1 System	2883	2629	2680	2210	3041	3163	2876	2527	2730	2551	2110	3190	2869	2845
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-920	-1131	-849	-960	-732	-886	-448	-629	-840	-778	-976	-1004	-852	-707
13	**Total Firm Obligations**	**10496**	**10031**	**10010**	**9605**	**11558**	**12431**	**12568**	**11551**	**11068**	**10402**	**9762**	**10337**	**10067**	**10735**
	Net Resources														
14	**Net Hydro**	13549	12529	12512	10524	13735	14328	13139	11747	12617	11952	10190	15655	14423	13324
15	Regulated Hydro - Net	13090	12075	11984	10121	13356	14074	12916	11549	12268	11357	9582	14902	13634	12821
16	Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	4.58	4.09	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
21	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	309	303	304	293	313	315	309	300	305	301	290	316	308	308
25	Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
26	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
28	Slice Transmission Loss Return	68.7	62.6	63.9	52.5	72.5	75.5	68.6	60.2	65.1	60.8	50.2	76.1	68.4	67.8
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-2098	-2035	-2022	-1922	-2163	-2228	-2156	-2051	-2072	-2013	-1904	-2111	-2044	-2090
31	Contingency Reserves (Spinning)	-374	-359	-352	-336	-404	-427	-411	-381	-377	-358	-332	-363	-350	-373
32	Contingency Reserves (Non-Spinning)	-374	-359	-352	-336	-404	-427	-411	-381	-377	-358	-332	-363	-350	-373
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-451	-417	-417	-350	-455	-474	-434	-389	-419	-398	-339	-485	-444	-443
36	**Total Net Resources**	**12883**	**11920**	**11917**	**10018**	**13008**	**13540**	**12416**	**11121**	**11975**	**11364**	**9701**	**13864**	**12692**	**12666**
37	**Total Surplus/Deficit**	**2387**	**1889**	**1907**	**412**	**1450**	**1109**	**-152**	**-430**	**907**	**962**	**-61.7**	**3527**	**2625**	**1931**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1129	1129	1038	937	809	904	866	873	962	1009	1009	1086	1106	1149
2	Federal Agencies	167	167	164	188	215	237	241	230	222	203	203	186	173	175
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	9349	8955	8998	8615	10728	11407	11375	10374	9969	9166	8672	9620	9373	9468
6	Load Following	4363	4363	4131	4393	4978	5561	5534	5247	4824	4591	4591	4236	4208	4453
7	Tier 1 Block	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
8	Slice Block	1645	1645	1716	1657	2040	2269	2297	2050	1974	1667	1667	1475	1385	1603
9	Slice Output from T1 System	2800	2619	2651	2196	3073	3185	2861	2519	2808	2536	2140	3544	3269	2763
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-919	-1133	-859	-975	-750	-989	-715	-837	-1019	-964	-1062	-970	-823	-721
13	**Total Firm Obligations**	**10478**	**10083**	**10036**	**9552**	**11537**	**12311**	**12241**	**11247**	**10931**	**10175**	**9680**	**10706**	**10479**	**10617**
	Net Resources														
14	**Net Hydro**	13222	12493	12402	10468	13859	14414	13077	11712	12926	11898	10315	15973	14933	12995
15	Regulated Hydro - Net	12763	12039	11873	10065	13480	14160	12854	11514	12577	11303	9707	15220	14143	12491
16	Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	1125	1124	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	307	302	303	292	313	316	308	300	307	300	291	325	318	306
25	Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
26	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
28	Slice Transmission Loss Return	66.7	62.4	63.2	52.2	73.3	76.0	68.2	60.0	66.9	60.4	50.9	84.6	78.0	65.8
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-2080	-2034	-2017	-1921	-2173	-2235	-2154	-2051	-2093	-2021	-1922	-2224	-2178	-2071
31	Contingency Reserves (Spinning)	-370	-359	-352	-336	-407	-429	-411	-382	-382	-363	-340	-396	-391	-369
32	Contingency Reserves (Non-Spinning)	-370	-359	-352	-336	-407	-429	-411	-382	-382	-363	-340	-396	-391	-369
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-440	-416	-413	-349	-459	-476	-432	-388	-429	-395	-343	-532	-497	-432
36	**Total Net Resources**	**12573**	**11885**	**11811**	**9964**	**13123**	**13619**	**12356**	**11086**	**12264**	**11302**	**9808**	**15198**	**14197**	**12353**
37	**Total Surplus/Deficit**	**2095**	**1802**	**1776**	**412**	**1586**	**1309**	**115**	**-161**	**1334**	**1127**	**128**	**4492**	**3718**	**1737**

Loads and Resources - Federal System

Operating Year: 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1129	1129	1038	937	810	905	867	874	963	1009	1009	1087	1106	1150
2	Federal Agencies	168	168	165	189	216	238	242	231	223	204	204	186	173	176
3	USBR Obligation	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	DSI Obligation	326	326	325	327	326	325	327	326	326	328	328	327	325	326
5	**Transfers Out**	9454	9032	8931	8493	10699	11472	11437	10684	9930	9198	8656	9293	8976	9555
6	Load Following	4387	4387	4153	4416	5003	5588	5564	5276	4848	4613	4613	4258	4230	4476
7	Tier 1 Block	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
8	Slice Block	1599	1599	1667	1709	2104	2341	2370	2190	2036	1719	1719	1522	1428	1654
9	Slice Output from T1 System	2883	2629	2642	2171	3003	3124	2837	2489	2692	2513	2072	3151	2831	2806
10	Exports	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
11	Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
12	Federal Diversity	-875	-1042	-888	-1148	-798	-962	-732	-667	-1027	-983	-1084	-971	-846	-751
13	**Total Firm Obligations**	**10583**	**10161**	**9969**	**9430**	**11509**	**12377**	**12303**	**11557**	**10893**	**10208**	**9665**	**10380**	**10082**	**10704**
	Net Resources														
14	**Net Hydro**	13552	12532	12515	10527	13738	14331	13143	11751	12620	11965	10203	15647	14426	13327
15	Regulated Hydro - Net	13093	12078	11987	10124	13360	14077	12919	11552	12271	11370	9595	14895	13637	12824
16	Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
17	**Other Resources**	1123	1123	1123	1124	1124	1125	1125	1125	1125	1125	1125	4.58	4.09	1123
18	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
21	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Small Hydro Resources	3.49	3.49	3.00	4.11	4.49	4.60	4.59	4.62	4.58	4.58	4.58	4.58	4.09	3.19
23	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Contract Purchases**	309	303	155	144	164	167	160	151	156	152	141	167	159	159
25	Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
26	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Non-Federal CER	239	239	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
28	Slice Transmission Loss Return	68.7	62.6	62.9	51.6	71.6	74.5	67.6	59.3	64.1	59.8	49.2	75.2	67.5	66.9
29	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	**Reserves & Losses**	-2102	-2038	-2020	-1920	-2162	-2226	-2154	-2050	-2070	-2021	-1912	-2099	-2042	-2088
31	Contingency Reserves (Spinning)	-375	-361	-354	-337	-406	-429	-413	-383	-378	-364	-339	-359	-351	-375
32	Contingency Reserves (Non-Spinning)	-375	-361	-354	-337	-406	-429	-413	-383	-378	-364	-339	-359	-351	-375
33	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
34	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
35	Transmission Losses	-451	-417	-412	-345	-450	-469	-429	-384	-414	-393	-334	-480	-439	-438
36	**Total Net Resources**	**12883**	**11920**	**11773**	**9874**	**12864**	**13396**	**12272**	**10977**	**11831**	**11220**	**9557**	**13720**	**12548**	**12522**
37	**Total Surplus/Deficit**	**2300**	**1759**	**1804**	**444**	**1356**	**1019**	**-31.2**	**-581**	**938**	**1012**	**-108**	**3340**	**2466**	**1817**

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Exhibit 20
Regional Report Surplus Deficit

Monthly 1-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Loads and Resources - Pacific Northwest Region

Operating Year: 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	29766	29766	26806	27294	30433	33478	33856	31834	29467	27654	27654	26172	28755	30780
2	Federal Agency	145	145	138	159	194	214	217	205	198	181	181	163	152	156
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2651	2651	2460	2506	2807	3150	3117	2978	2708	2650	2650	2578	2616	2782
5	Municipality	3325	3325	3202	3576	4052	4453	4448	4292	3951	3648	3648	3266	3207	3337
6	Public Utility District	5362	5362	5189	5706	6522	7136	7210	6734	6302	5934	5934	5449	5249	5528
7	Investor-Owned Utility	16925	16925	14544	14200	15866	17460	17842	16584	15170	14038	14038	13417	16199	17604
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	459	459	459	460	459	459	460	459	459	460	460	460	458	459
10	**Exports**	2193	2193	2030	1673	1527	1536	1536	1515	1542	1560	1568	1493	1944	1954
11	Canada	1432	1432	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1329
12	East Continental Divide	22.2	22.2	17.5	16.9	18.4	19.7	20.4	19.7	19.1	17.6	17.6	16.6	18.7	6.80
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	738	738	706	350	202	209	209	189	216	236	244	170	619	619
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-622	-654	-754	-767	-388	-666	-373	-596	-720	-662	-757	-805	-682	-630
17		-622	-654	-754	-767	-388	-666	-373	-596	-720	-662	-757	-805	-682	-630
18	**Total Firm Loads**	**31337**	**31305**	**28083**	**28200**	**31572**	**34348**	**35019**	**32753**	**30288**	**28552**	**28465**	**26860**	**30016**	**32104**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	24664	23096	21777	20872	24313	25058	23718	21844	23054	22016	20442	26745	26342	23988
30	Regulated Hydro - Net	23155	21588	20195	19358	22846	23664	22380	20598	21547	20223	18634	24753	24303	22361
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
32	**Other Resources**	16420	16419	16419	16468	16580	16652	16656	16616	15964	14766	14759	15710	16490	16933
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2289	2281	2445	2684	2692
34	Combustion Turbine Resources	6090	6090	6150	6223	6372	6440	6447	6401	6354	6307	6307	6140	6088	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	5576	5576	6406	6986	6986
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1097	1097	964	904	1213	1346	1331	1350	1044	903	903	868	1117	1285
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	179	179	159	156	162	173	181	168	162	149	149	151	171	189
42	Inland Southwest	731	731	619	561	560	639	584	583	558	530	530	570	800	875
43	Pacific Southwest	40.0	40.0	40.0	40.0	389	411	411	411	111	76.6	76.6	0	0	75.0

Loads and Resources - Pacific Northwest Region

Operating Year: 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4167	-4070	-3896	-3857	-4189	-4331	-4260	-4086	-4043	-3856	-3759	-4127	-4222	-4182
46	Contingency Reserves (Non-Spinning)	-969	-946	-881	-877	-981	-1038	-1025	-968	-941	-887	-864	-928	-966	-976
47	Contingency Reserves (Spinning)	-969	-946	-881	-877	-981	-1038	-1025	-968	-941	-887	-864	-928	-966	-976
48	Generation Imbalance Reserves	-405	-405	-405	-317	-316	-316	-316	-316	-316	-316	-316	-316	-316	-316
49	Load Following Reserves	-495	-495	-495	-583	-584	-584	-584	-584	-584	-584	-584	-584	-584	-584
50	Transmission Losses	-1330	-1278	-1234	-1203	-1326	-1355	-1310	-1250	-1260	-1183	-1132	-1371	-1390	-1330
51	**Total Resources**	**38013**	**36542**	**35264**	**34388**	**37919**	**38725**	**37445**	**35724**	**36019**	**33828**	**32345**	**39196**	**39727**	**38024**
52	**Total Surplus/Deficit**	**6676**	**5237**	**7168**	**6188**	**6347**	**4378**	**2422**	**2948**	**5677**	**5242**	**3846**	**12336**	**9710**	**5920**

Loads and Resources - Pacific Northwest Region

Operating Year: 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	30367	30367	27253	27761	30933	33926	34377	32279	29854	28042	28042	26498	29242	31327
2	Federal Agency	150	150	142	164	189	211	210	202	196	182	182	163	152	156
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2709	2709	2517	2558	2862	3205	3170	3017	2753	2689	2689	2617	2652	2808
5	Municipality	3344	3344	3219	3612	4109	4424	4495	4312	3922	3652	3652	3209	3250	3396
6	Public Utility District	5505	5505	5268	5767	6575	7190	7258	6788	6361	5986	5986	5500	5284	5577
7	Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	459	459	459	505	504	504	505	504	504	505	505	505	503	504
10	**Exports**	2051	2051	1912	1550	1500	1489	1487	1487	1514	1535	1543	1483	1932	1954
11	Canada	1420	1420	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1329
12	East Continental Divide	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	625	625	598	236	186	175	173	173	201	221	229	170	619	619
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-522	-912	-748	-840	-564	-1035	-337	-548	-788	-669	-809	-948	-686	-614
17		-522	-912	-748	-840	-564	-1035	-337	-548	-788	-669	-809	-948	-686	-614
18	**Total Firm Loads**	**31896**	**31507**	**28417**	**28471**	**31868**	**34381**	**35528**	**33218**	**30581**	**28908**	**28776**	**27033**	**30488**	**32668**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	24317	23145	22694	20932	24193	24976	23784	21883	22750	22231	20967	26705	26047	24325
30	Regulated Hydro - Net	22808	21637	21112	19418	22726	23582	22446	20637	21243	20438	19159	24713	24008	22698
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
32	**Other Resources**	16860	16859	16855	16907	17019	17088	17096	17056	16404	15904	15425	14880	15221	16933
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6586	6662	6811	6876	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	5798	5798	5132	5712	6986
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1142	1142	1006	995	1278	1412	1396	1415	1110	918	918	948	1202	1297
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	182	182	161	158	163	175	183	170	164	151	151	153	173	191
42	Inland Southwest	739	739	624	565	563	643	587	586	562	533	533	574	808	884
43	Pacific Southwest	75.0	75.0	75.0	125	450	471	471	471	171	87.0	87.0	75.0	75.0	75.0

Loads and Resources - Pacific Northwest Region

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4179	-4106	-3982	-3892	-4212	-4355	-4296	-4118	-4052	-3933	-3825	-4046	-4114	-4219
46	Contingency Reserves (Non-Spinning)	-972	-955	-901	-885	-987	-1043	-1033	-975	-943	-902	-877	-900	-936	-989
47	Contingency Reserves (Spinning)	-972	-955	-901	-885	-987	-1043	-1033	-975	-943	-902	-877	-900	-936	-989
48	Generation Imbalance Reserves	-316	-316	-315	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-584	-584	-585	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1334	-1296	-1279	-1222	-1339	-1369	-1329	-1268	-1267	-1229	-1171	-1346	-1342	-1341
51	**Total Resources**	**38140**	**37040**	**36574**	**34942**	**38279**	**39122**	**37980**	**36236**	**36212**	**35119**	**33485**	**38489**	**38356**	**38335**
52	**Total Surplus/Deficit**	**6244**	**5533**	**8143**	**6471**	**6410**	**4741**	**2449**	**2994**	**5577**	**6177**	**4675**	**11455**	**7867**	**5667**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	30939	30939	27712	28165	31335	34359	34845	32722	30260	28475	28475	26927	29747	31871
2	Federal Agency	150	150	142	164	191	213	212	203	196	221	221	195	183	190
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2735	2735	2537	2593	2890	3234	3200	3049	2782	2719	2719	2648	2685	2842
5	Municipality	3419	3419	3271	3633	4131	4452	4516	4338	3949	3675	3675	3232	3272	3421
6	Public Utility District	5571	5571	5332	5845	6633	7248	7348	6871	6436	6064	6064	5577	5369	5664
7	Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	504	504	504	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	2048	2048	1914	1547	1497	1489	1487	1487	1511	1532	1540	1480	1868	1889
11	Canada	1437	1437	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	604	604	583	216	166	158	156	156	180	201	209	149	536	534
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-529	-942	-787	-882	-597	-910	-535	-635	-702	-695	-757	-1047	-767	-653
17		-529	-942	-787	-882	-597	-910	-535	-635	-702	-695	-757	-1047	-767	-653
18	**Total Firm Loads**	**32458**	**32045**	**28839**	**28831**	**32235**	**34938**	**35797**	**33574**	**31070**	**29312**	**29257**	**27360**	**30847**	**33108**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	23997	23110	22584	20865	24318	25062	23723	21849	23059	22042	20468	26731	26348	23960
30	Regulated Hydro - Net	22488	21602	21002	19351	22851	23669	22385	20603	21552	20250	18660	24738	24309	22333
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
32	**Other Resources**	16860	16859	16855	16907	17019	17088	17096	17056	16404	17092	16613	15484	16341	16933
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6586	6662	6811	6876	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6986	6986	5736	6832	6986
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1152	1152	1012	1000	1283	1418	1401	1419	1114	922	922	953	1213	1307
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	183	183	162	159	165	176	185	171	165	152	152	154	175	193
42	Inland Southwest	747	747	628	569	566	647	590	589	565	536	536	578	817	893
43	Pacific Southwest	75.0	75.0	75.0	125	450	471	471	471	171	87.0	87.0	75.0	75.0	75.0

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4176	-4120	-3988	-3899	-4231	-4373	-4305	-4128	-4083	-3993	-3866	-4124	-4248	-4212
46	Contingency Reserves (Non-Spinning)	-976	-963	-906	-890	-994	-1051	-1039	-981	-953	-916	-886	-929	-981	-992
47	Contingency Reserves (Spinning)	-976	-963	-906	-890	-994	-1051	-1039	-981	-953	-916	-886	-929	-981	-992
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1323	-1294	-1276	-1220	-1343	-1371	-1326	-1266	-1277	-1262	-1194	-1366	-1387	-1329
51	**Total Resources**	**37833**	**37000**	**36463**	**34873**	**38388**	**39196**	**37914**	**36196**	**36495**	**36063**	**34138**	**39045**	**39653**	**37988**
52	**Total Surplus/Deficit**	**5375**	**4955**	**7610**	**6042**	**6153**	**4258**	**2113**	**2599**	**5371**	**6717**	**4847**	**11684**	**8806**	**4880**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	31473	31473	28144	28560	31758	34768	35225	33027	30628	28808	28808	27182	30104	32308
2	Federal Agency	185	185	172	197	208	238	232	217	243	221	221	195	183	190
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2768	2768	2568	2623	2920	3265	3230	3055	2811	2749	2749	2680	2718	2876
5	Municipality	3444	3444	3294	3701	4222	4495	4540	4339	3976	3725	3725	3205	3275	3468
6	Public Utility District	5648	5648	5396	5901	6694	7315	7402	6918	6482	6114	6114	5630	5423	5719
7	Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1988	1988	1857	1517	1491	1483	1481	1481	1455	1442	1450	1390	1759	1783
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	6.80	6.80	6.80	6.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	543	543	526	186	166	158	156	156	130	116	124	64.7	433	433
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-909	-885	-692	-998	-574	-1025	-539	-637	-582	-834	-869	-1075	-717	-572
17		-909	-885	-692	-998	-574	-1025	-539	-637	-582	-834	-869	-1075	-717	-572
18	**Total Firm Loads**	**32553**	**32577**	**29309**	**29080**	**32675**	**35226**	**36167**	**33871**	**31501**	**29416**	**29389**	**27497**	**31146**	**33518**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	24300	23151	22699	20938	24198	24982	23790	21888	22756	22109	20356	26404	25841	24293
30	Regulated Hydro - Net	22791	21643	21118	19424	22731	23588	22452	20642	21249	20317	18548	24411	23803	22666
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
32	**Other Resources**	16860	16859	16859	16911	17023	17093	17096	17056	16407	15880	15878	14367	15374	16931
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2289	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6666	6815	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6246	6246	4616	5866	6986
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	163	157	169	210	325	332	451	464	453
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1161	1161	1017	1006	1263	1376	1360	1379	1074	916	916	959	1223	1319
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	185	185	164	161	166	178	186	173	167	153	153	155	176	195
42	Inland Southwest	755	755	632	573	569	650	594	593	569	540	540	582	826	903
43	Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	75.0

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4210	-4138	-4008	-3915	-4236	-4378	-4319	-4138	-4073	-3952	-3843	-4010	-4132	-4245
46	Contingency Reserves (Non-Spinning)	-988	-971	-914	-897	-999	-1056	-1046	-986	-954	-915	-889	-895	-946	-1003
47	Contingency Reserves (Spinning)	-988	-971	-914	-897	-999	-1056	-1046	-986	-954	-915	-889	-895	-946	-1003
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1333	-1296	-1279	-1222	-1338	-1367	-1327	-1266	-1265	-1223	-1165	-1320	-1340	-1340
51	**Total Resources**	**38111**	**37033**	**36568**	**34939**	**38248**	**39072**	**37927**	**36184**	**36163**	**34953**	**33306**	**37719**	**38307**	**38298**
52	**Total Surplus/Deficit**	**5559**	**4456**	**7244**	**5860**	**5574**	**3846**	**1755**	**2290**	**4608**	**5503**	**3883**	**10222**	**7161**	**4779**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	31887	31887	28432	28864	32089	35128	35600	33414	30926	29108	29108	27481	30475	32705
2	Federal Agency	185	185	172	197	209	232	245	235	227	221	221	195	184	191
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2802	2802	2599	2657	2955	3301	3266	3114	2846	2782	2782	2713	2751	2910
5	Municipality	3472	3472	3285	3719	4242	4515	4559	4359	3993	3742	3742	3222	3293	3487
6	Public Utility District	5704	5704	5440	5947	6744	7370	7454	6967	6524	6154	6154	5678	5471	5759
7	Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1873	1873	1759	1450	1442	1442	1442	1442	1442	1442	1450	1390	1759	1783
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	433	433	433	124	116	116	116	116	116	116	124	64.7	433	433
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-909	-885	-709	-989	-590	-1053	-541	-715	-744	-791	-902	-952	-763	-564
17		-909	-885	-709	-989	-590	-1053	-541	-715	-744	-791	-902	-952	-763	-564
18	**Total Firm Loads**	**32851**	**32875**	**29481**	**29325**	**32941**	**35516**	**36501**	**34141**	**31623**	**29759**	**29656**	**27920**	**31472**	**33923**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	23974	23116	22589	20883	24323	25067	23728	21854	23063	22045	20472	26733	26351	23964
30	Regulated Hydro - Net	22465	21608	21007	19368	22855	23673	22390	20608	21556	20253	18663	24740	24312	22337
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
32	**Other Resources**	16860	16857	16856	16906	17019	17093	17096	17056	16404	16574	16095	15330	16341	16933
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6663	6812	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6468	6468	5582	6832	6986
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	380	307	225	173	163	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1171	1171	1022	1010	1267	1381	1365	1383	1078	920	920	963	1234	1330
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	186	186	165	162	168	179	188	174	168	155	155	156	178	196
42	Inland Southwest	763	763	636	576	572	653	597	596	572	543	543	585	835	913
43	Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	75.0

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4202	-4148	-4009	-3920	-4252	-4394	-4325	-4147	-4100	-3994	-3866	-4135	-4270	-4237
46	Contingency Reserves (Non-Spinning)	-990	-977	-917	-900	-1005	-1062	-1050	-991	-963	-925	-895	-937	-991	-1004
47	Contingency Reserves (Spinning)	-990	-977	-917	-900	-1005	-1062	-1050	-991	-963	-925	-895	-937	-991	-1004
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1322	-1294	-1275	-1220	-1342	-1369	-1325	-1264	-1275	-1243	-1176	-1361	-1387	-1329
51	**Total Resources**	**37803**	**36996**	**36458**	**34878**	**38357**	**39147**	**37863**	**36146**	**36445**	**35546**	**33621**	**38891**	**39655**	**37990**
52	**Total Surplus/Deficit**	**4952**	**4121**	**6962**	**5553**	**5416**	**3631**	**1358**	**1982**	**4768**	**5753**	**3931**	**10972**	**8184**	**4067**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	32284	32284	28743	29167	32426	35494	35969	33759	31256	29406	29406	27794	30858	33105
2	Federal Agency	185	185	173	198	221	243	246	236	228	213	213	196	183	186
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2836	2836	2631	2693	2992	3339	3305	3149	2882	2819	2819	2748	2786	2946
5	Municipality	3490	3490	3302	3737	4261	4535	4579	4379	4012	3760	3760	3239	3310	3505
6	Public Utility District	5751	5751	5475	5983	6785	7415	7503	7017	6572	6199	6199	5731	5525	5808
7	Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1873	1873	1759	1450	1442	1442	1442	1442	1442	1442	1450	1390	1759	1783
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	433	433	433	124	116	116	116	116	116	116	124	64.7	433	433
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-689	-1144	-842	-972	-574	-754	-468	-662	-822	-759	-975	-885	-826	-647
17		-689	-1144	-842	-972	-574	-754	-468	-662	-822	-759	-975	-885	-826	-647
18	**Total Firm Loads**	**33469**	**33013**	**29659**	**29645**	**33294**	**36182**	**36943**	**34538**	**31876**	**30089**	**29881**	**28299**	**31791**	**34241**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	24304	23155	22702	20942	24203	24966	23692	21791	22657	22011	20258	26318	25745	24275
30	Regulated Hydro - Net	22795	21647	21121	19428	22735	23572	22434	20625	21230	20298	18529	24405	23786	22648
31	Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1258	1166	1427	1712	1728	1913	1959	1627
32	**Other Resources**	16860	16859	16859	16908	17020	16422	15846	15806	15154	15842	15363	14029	13970	15683
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6663	6812	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	6986	6986	6986	6986	6986	6316	5736	5736	5736	5736	5736	4281	4462	5736
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1180	1180	1028	1015	1271	1386	1369	1387	1084	925	925	968	1243	1266
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	188	188	167	163	169	181	189	176	169	156	156	158	179	198
42	Inland Southwest	771	771	640	580	575	657	600	599	576	547	547	589	843	922
43	Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	0

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4234	-4162	-4025	-3933	-4255	-4356	-4256	-4075	-4007	-3940	-3801	-4001	-4064	-4187
46	Contingency Reserves (Non-Spinning)	-1000	-983	-923	-905	-1009	-1056	-1037	-977	-943	-910	-878	-898	-937	-996
47	Contingency Reserves (Spinning)	-1000	-983	-923	-905	-1009	-1056	-1037	-977	-943	-910	-878	-898	-937	-996
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1333	-1295	-1279	-1222	-1338	-1344	-1282	-1221	-1220	-1219	-1146	-1305	-1291	-1296
51	**Total Resources**	**38111**	**37032**	**36564**	**34933**	**38240**	**38418**	**36651**	**34909**	**34888**	**34838**	**32745**	**37314**	**36894**	**37037**
52	**Total Surplus/Deficit**	**4642**	**4019**	**6891**	**5288**	**4946**	**2236**	**-295**	**348**	**2958**	**4716**	**2831**	**9014**	**5103**	**2796**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	32690	32690	29072	29479	32761	35856	36339	34108	31581	29711	29711	28098	31230	33517
2	Federal Agency	178	178	175	198	222	243	247	237	229	214	214	196	184	186
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2872	2872	2667	2731	3031	3379	3345	3192	2921	2857	2857	2786	2824	2985
5	Municipality	3508	3508	3320	3756	4280	4555	4600	4399	4031	3779	3779	3257	3328	3524
6	Public Utility District	5808	5808	5519	6025	6832	7467	7556	7061	6613	6238	6238	5773	5565	5850
7	Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1508	1508	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-715	-1163	-856	-922	-712	-1149	-481	-651	-831	-871	-1023	-917	-839	-700
17		-715	-1163	-856	-922	-712	-1149	-481	-651	-831	-871	-1023	-917	-839	-700
18	**Total Firm Loads**	**33483**	**33035**	**29609**	**29950**	**33434**	**36092**	**37243**	**34842**	**32136**	**30225**	**30081**	**28515**	**31784**	**34234**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	23956	23098	22561	20785	24225	24970	23631	21756	22965	21937	20363	26657	26253	23945
30	Regulated Hydro - Net	22447	21590	20989	19350	22838	23656	22373	20590	21539	20225	18635	24744	24294	22318
31	Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
32	**Other Resources**	15610	15609	15609	15658	15770	15842	15719	15679	15027	14168	14161	15357	15117	15556
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2289	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6663	6812	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	5736	5736	5736	5736	5736	5736	5609	5609	5609	4534	4534	5609	5609	5609
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1115	1115	958	896	1151	1267	1250	1268	964	854	854	899	1179	1278
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	189	189	168	165	170	182	191	177	171	157	157	159	181	200
42	Inland Southwest	779	779	644	584	578	661	604	603	580	550	550	593	852	932
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4143	-4090	-3946	-3850	-4183	-4326	-4254	-4074	-4027	-3861	-3764	-4146	-4206	-4174
46	Contingency Reserves (Non-Spinning)	-983	-970	-907	-889	-995	-1053	-1041	-981	-952	-902	-879	-945	-982	-997
47	Contingency Reserves (Spinning)	-983	-970	-907	-889	-995	-1053	-1041	-981	-952	-902	-879	-945	-982	-997
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1278	-1250	-1231	-1172	-1293	-1321	-1271	-1211	-1222	-1158	-1106	-1356	-1341	-1281
51	**Total Resources**	**36537**	**35732**	**35183**	**33489**	**36963**	**37753**	**36345**	**34629**	**34930**	**33098**	**31615**	**38766**	**38343**	**36605**
52	**Total Surplus/Deficit**	**3054**	**2697**	**5560**	**3538**	**3529**	**1661**	**-902**	**-236**	**2740**	**2839**	**1500**	**10252**	**6559**	**2371**

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	33101	33101	29396	29788	33093	36214	36709	34417	31908	30016	30016	28405	31604	33930
2	Federal Agency	179	179	175	199	222	244	248	234	229	214	214	197	184	187
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2911	2911	2704	2769	3070	3419	3386	3206	2960	2895	2895	2824	2862	3024
5	Municipality	3528	3528	3338	3775	4301	4576	4620	4416	4050	3796	3796	3275	3346	3542
6	Public Utility District	5857	5857	5557	6064	6876	7515	7604	7105	6655	6279	6279	5813	5605	5893
7	Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1508	1508	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-920	-1131	-849	-960	-732	-886	-448	-629	-840	-778	-976	-1004	-852	-707
17		-920	-1131	-849	-960	-732	-886	-448	-629	-840	-778	-976	-1004	-852	-707
18	**Total Firm Loads**	**33688**	**33478**	**29941**	**30221**	**33746**	**36713**	**37645**	**35173**	**32453**	**30624**	**30433**	**28734**	**32145**	**34640**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	24286	23137	22675	20844	24105	24888	23697	21794	22661	22004	20251	26331	25747	24278
30	Regulated Hydro - Net	22777	21630	21102	19409	22718	23574	22439	20629	21234	20292	18523	24419	23788	22651
31	Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
32	**Other Resources**	15483	15482	15482	15534	15646	15715	15719	15679	15027	14862	14383	14083	13843	15556
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6666	6815	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	4756	4756	4335	4335	5609
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1125	1125	964	901	1155	1272	1254	1272	968	860	860	904	1189	1289
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	191	191	169	166	172	184	193	179	172	159	159	160	182	201
42	Inland Southwest	788	788	648	588	581	665	607	606	583	554	554	597	861	942
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0

Loads and Resources - Pacific Northwest Region

Operating Year: 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4171	-4100	-3958	-3858	-4181	-4327	-4269	-4085	-4017	-3911	-3773	-4028	-4079	-4207
46	Contingency Reserves (Non-Spinning)	-993	-976	-914	-895	-998	-1057	-1048	-986	-953	-914	-882	-912	-948	-1008
47	Contingency Reserves (Spinning)	-993	-976	-914	-895	-998	-1057	-1048	-986	-953	-914	-882	-912	-948	-1008
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1285	-1247	-1230	-1169	-1285	-1314	-1273	-1212	-1212	-1183	-1110	-1305	-1284	-1291
51	**Total Resources**	**36723**	**35645**	**35163**	**33420**	**36725**	**37549**	**36401**	**34660**	**34639**	**33815**	**31721**	**37291**	**36701**	**36917**
52	**Total Surplus/Deficit**	**3035**	**2167**	**5208**	**3199**	**2978**	**835**	**-1248**	**-536**	**2133**	**3157**	**1254**	**8556**	**4556**	**2277**

Loads and Resources - Pacific Northwest Region

Operating Year: 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	33496	33496	29711	30085	33417	36566	37065	34776	32230	30309	30309	28694	31970	34333
2	Federal Agency	179	179	176	200	223	245	249	238	230	215	215	198	185	187
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2949	2949	2742	2802	3104	3455	3421	3266	2994	2928	2928	2857	2894	3057
5	Municipality	3546	3546	3356	3791	4317	4594	4635	4429	4066	3812	3812	3290	3362	3559
6	Public Utility District	5891	5891	5588	6100	6916	7559	7648	7147	6694	6315	6315	5848	5641	5930
7	Investor-Owned Utility	19482	19482	16487	15956	17775	19558	19999	18565	17018	15746	15746	15113	18467	20137
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1508	1508	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-919	-1133	-859	-975	-750	-989	-715	-837	-1019	-964	-1062	-970	-823	-721
17		-919	-1133	-859	-975	-750	-989	-715	-837	-1019	-964	-1062	-970	-823	-721
18	**Total Firm Loads**	**34085**	**33871**	**30246**	**30503**	**34053**	**36962**	**37735**	**35324**	**32595**	**30731**	**30640**	**29057**	**32540**	**35028**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	23959	23102	22565	20788	24229	24974	23635	21760	22969	21951	20377	26650	26257	23949
30	Regulated Hydro - Net	22451	21594	20992	19354	22841	23660	22377	20594	21542	20238	18649	24737	24298	22322
31	Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
32	**Other Resources**	15483	15482	15482	15531	15643	15715	15719	15679	15027	15715	15236	15022	14963	15556
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2761	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6663	6812	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	5609	5609	5274	5455	5609
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1135	1135	970	906	1160	1278	1259	1278	974	865	865	909	1200	1300
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	193	193	171	167	173	185	194	180	174	160	160	162	184	203
42	Inland Southwest	796	796	653	592	584	669	610	610	587	558	558	601	870	951
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0

Loads and Resources - Pacific Northwest Region

Operating Year: 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4163	-4109	-3960	-3863	-4198	-4343	-4275	-4094	-4046	-3955	-3828	-4142	-4223	-4198
46	Contingency Reserves (Non-Spinning)	-994	-982	-917	-898	-1005	-1063	-1052	-991	-962	-923	-893	-949	-993	-1009
47	Contingency Reserves (Spinning)	-994	-982	-917	-898	-1005	-1063	-1052	-991	-962	-923	-893	-949	-993	-1009
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1274	-1246	-1226	-1167	-1289	-1316	-1271	-1211	-1222	-1210	-1142	-1345	-1336	-1281
51	**Total Resources**	**36415**	**35610**	**35057**	**33362**	**36834**	**37624**	**36337**	**34623**	**34925**	**34576**	**32651**	**38439**	**38197**	**36606**
52	**Total Surplus/Deficit**	**2330**	**1738**	**4797**	**2859**	**2781**	**663**	**-1402**	**-724**	**2275**	**3811**	**1976**	**9382**	**5657**	**1578**

Loads and Resources - Pacific Northwest Region

Operating Year: 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	33893	33893	30021	30369	33725	36902	37410	35098	32523	30585	30585	28967	32321	34720
2	Federal Agency	180	180	176	200	224	246	250	239	231	216	216	198	185	188
3	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
4	Cooperative	2983	2983	2774	2821	3123	3475	3442	3283	3013	2947	2947	2875	2912	3076
5	Municipality	3563	3563	3372	3812	4340	4617	4660	4457	4087	3832	3832	3309	3381	3579
6	Public Utility District	5923	5923	5619	6129	6948	7593	7683	7180	6725	6345	6345	5877	5670	5961
7	Investor-Owned Utility	19795	19795	16717	16170	18008	19815	20262	18808	17240	15953	15953	15319	18751	20454
8	Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9	Direct-Service Industry	549	549	549	550	549	549	550	549	549	550	550	550	548	549
10	**Exports**	1508	1508	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
11	Canada	1439	1439	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
12	East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-875	-1042	-888	-1148	-798	-962	-732	-667	-1027	-983	-1084	-971	-846	-751
17		-875	-1042	-888	-1148	-798	-962	-732	-667	-1027	-983	-1084	-971	-846	-751
18	**Total Firm Loads**	**34526**	**34358**	**30526**	**30614**	**34312**	**37325**	**38063**	**35816**	**32882**	**30987**	**30894**	**29330**	**32868**	**35387**
	Non-Firm Loads														
19	**Regional Non-Firm Loads**	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
20	Federal Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cooperative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
25	Investor-Owned Utility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Direct-Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	**Total Non-Firm Loads**	**0**	**0**	**14.0**	**0**	**0**	**0**	**4.00**	**23.0**	**54.0**	**34.0**	**34.0**	**0**	**0**	**0**
	Resources														
29	**Hydro**	24290	23141	22678	20847	24108	24892	23700	21798	22664	22017	20264	26324	25750	24281
30	Regulated Hydro - Net	22781	21633	21106	19412	22721	23578	22442	20632	21237	20305	18536	24411	23791	22654
31	Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
32	**Other Resources**	15483	15482	15482	15531	15643	15715	15719	15679	15027	14503	14496	13902	13997	15556
33	Cogeneration Resources	2691	2691	2704	2763	2779	2794	2796	2790	2149	2289	2281	2445	2684	2692
34	Combustion Turbine Resources	6530	6530	6590	6663	6812	6880	6887	6841	6794	6752	6752	6584	6092	6533
35	Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	4869	4869	4154	4489	5609
36	Renewable Resources	179	179	179	179	179	179	179	179	178	178	178	178	178	178
37	Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455
38	Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
39	**Imports**	1144	1144	975	911	1165	1283	1264	1282	979	869	869	914	1210	1312
40	Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
41	East of Continental Divide	194	194	172	169	175	187	196	182	175	161	161	163	185	205
42	Inland Southwest	804	804	657	595	588	673	613	613	591	561	561	604	879	961
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0

Loads and Resources - Pacific Northwest Region

Operating Year: 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
44	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	**Reserves & Losses**	-4195	-4123	-3976	-3875	-4200	-4347	-4274	-4090	-4020	-3897	-3789	-4014	-4091	-4216
46	Contingency Reserves (Non-Spinning)	-1005	-988	-923	-903	-1008	-1067	-1050	-989	-954	-913	-887	-908	-951	-1012
47	Contingency Reserves (Spinning)	-1005	-988	-923	-903	-1008	-1067	-1050	-989	-954	-913	-887	-908	-951	-1012
48	Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
49	Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
50	Transmission Losses	-1285	-1247	-1230	-1169	-1284	-1313	-1274	-1213	-1212	-1172	-1114	-1299	-1290	-1292
51	**Total Resources**	**36722**	**35644**	**35160**	**33414**	**36717**	**37543**	**36409**	**34669**	**34650**	**33492**	**31841**	**37126**	**36866**	**36933**
52	**Total Surplus/Deficit**	**2196**	**1286**	**4620**	**2800**	**2405**	**218**	**-1659**	**-1169**	**1715**	**2471**	**914**	**7796**	**3998**	**1546**

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Exhibit 21
Table A-6: BPA Sales to Preference and Legacy Customers

Monthly 1-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4195**	**4195**	**3970**	**4312**	**4927**	**5520**	**5483**	**5202**	**4779**	**4537**	**4537**	**4172**	**4132**	**4366**
4	Cooperative	2460	2460	2265	2378	2673	3016	2980	2831	2563	2495	2495	2424	2459	2615
5	Municipality	804	804	754	785	909	1004	1003	947	868	798	798	723	740	807
6	Public Utility District	798	798	825	1001	1159	1295	1291	1227	1158	1074	1074	874	794	799
7	Federal Entities	133	133	126	148	186	206	209	197	190	169	169	151	140	144
8	**Slice Block**	**1596**	**1596**	**1666**	**1626**	**2003**	**2227**	**2256**	**2014**	**1940**	**1635**	**1635**	**1445**	**1355**	**1575**
9	Municipality	490	490	615	544	756	825	856	783	779	540	540	358	286	461
10	Public Utility District	1106	1106	1052	1082	1247	1402	1401	1231	1161	1096	1096	1086	1069	1115
11	**Slice Right to Power**	**2981**	**2621**	**2427**	**2203**	**3104**	**3218**	**2893**	**2549**	**2837**	**2557**	**2159**	**3560**	**3281**	**2785**
12	Municipality	1001	880	815	740	1042	1080	971	856	953	859	725	1195	1102	935
13	Public Utility District	1980	1741	1612	1463	2062	2137	1921	1693	1885	1699	1434	2365	2180	1850
14	**Tier 1 Block**	**12.0**	**12.0**	**25.0**	**10.2**	**46.1**	**40.5**	**56.9**	**53.8**	**47.7**	**3.09**	**3.09**	**0**	**0**	**11.4**
15	Public Utility District	12.0	12.0	25.0	10.2	46.1	40.5	56.9	53.8	47.7	3.09	3.09	0	0	11.4
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2460	2460	2265	2378	2673	3016	2980	2831	2563	2495	2495	2424	2459	2615
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	133	133	126	148	186	206	209	197	190	169	169	151	140	144
21	Municipality	2294	2173	2184	2069	2707	2909	2829	2586	2600	2197	2063	2277	2128	2203
22	Public Utility District	3897	3657	3514	3556	4514	4875	4670	4204	4251	3871	3607	4325	4043	3775
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9746**	**9385**	**8963**	**8900**	**10674**	**11673**	**11315**	**10461**	**10344**	**9538**	**9140**	**10078**	**9702**	**9711**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4281**	**4281**	**4061**	**4349**	**4954**	**5547**	**5509**	**5232**	**4813**	**4572**	**4572**	**4199**	**4153**	**4392**
4	Cooperative	2541	2541	2350	2391	2687	3030	2995	2842	2577	2508	2508	2436	2471	2627
5	Municipality	807	807	757	789	913	1008	1009	954	874	804	804	729	747	815
6	Public Utility District	795	795	823	1018	1172	1306	1302	1242	1174	1091	1091	883	796	806
7	Federal Entities	138	138	130	152	181	203	202	194	188	170	170	151	140	144
8	**Slice Block**	**1570**	**1570**	**1638**	**1657**	**2041**	**2270**	**2299**	**2125**	**1976**	**1667**	**1667**	**1473**	**1382**	**1605**
9	Municipality	481	481	602	551	766	836	867	821	790	547	547	364	290	467
10	Public Utility District	1088	1088	1036	1106	1275	1434	1432	1303	1187	1120	1120	1110	1092	1138
11	**Slice Right to Power**	**2903**	**2641**	**2691**	**2217**	**3053**	**3176**	**2888**	**2537**	**2739**	**2596**	**2276**	**3274**	**2931**	**2867**
12	Municipality	975	887	903	744	1025	1066	969	852	920	872	764	1099	984	963
13	Public Utility District	1928	1755	1787	1472	2028	2109	1918	1685	1820	1724	1512	2175	1947	1904
14	**Tier 1 Block**	**11.7**	**11.7**	**24.2**	**10.2**	**45.9**	**40.3**	**56.8**	**55.6**	**47.6**	**3.08**	**3.08**	**0**	**0**	**11.4**
15	Public Utility District	11.7	11.7	24.2	10.2	45.9	40.3	56.8	55.6	47.6	3.08	3.08	0	0	11.4
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2541	2541	2350	2391	2687	3030	2995	2842	2577	2508	2508	2436	2471	2627
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	138	138	130	152	181	203	202	194	188	170	170	151	140	144
21	Municipality	2263	2175	2263	2084	2704	2911	2846	2628	2583	2223	2115	2191	2021	2244
22	Public Utility District	3824	3650	3670	3606	4521	4889	4709	4286	4228	3938	3725	4168	3834	3859
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9727**	**9465**	**9288**	**8982**	**10687**	**11700**	**11378**	**10592**	**10316**	**9643**	**9323**	**9847**	**9399**	**9849**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4319**	**4319**	**4095**	**4377**	**4981**	**5575**	**5552**	**5269**	**4841**	**4635**	**4635**	**4256**	**4216**	**4459**
4	Cooperative	2554	2554	2361	2401	2698	3043	3008	2857	2590	2520	2520	2450	2486	2644
5	Municipality	817	817	765	796	922	1017	1016	960	879	809	809	734	752	821
6	Public Utility District	810	810	838	1028	1179	1310	1323	1257	1184	1097	1097	889	807	816
7	Federal Entities	138	138	131	152	183	205	204	195	188	209	209	183	171	178
8	**Slice Block**	**1599**	**1599**	**1668**	**1662**	**2046**	**2275**	**2304**	**2129**	**1981**	**1671**	**1671**	**1477**	**1386**	**1608**
9	Municipality	488	488	610	550	764	834	864	819	787	545	545	362	289	466
10	Public Utility District	1111	1111	1058	1112	1282	1441	1440	1311	1193	1126	1126	1115	1097	1143
11	**Slice Right to Power**	**2815**	**2625**	**2657**	**2194**	**3075**	**3188**	**2864**	**2522**	**2809**	**2536**	**2139**	**3545**	**3269**	**2765**
12	Municipality	945	881	892	737	1032	1070	962	847	943	851	718	1190	1098	928
13	Public Utility District	1870	1744	1765	1458	2042	2117	1902	1675	1866	1684	1421	2355	2171	1836
14	**Tier 1 Block**	**11.7**	**11.7**	**24.1**	**10.2**	**46.2**	**40.5**	**57.0**	**55.8**	**47.8**	**3.10**	**3.10**	**0**	**0**	**11.4**
15	Public Utility District	11.7	11.7	24.1	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2554	2554	2361	2401	2698	3043	3008	2857	2590	2520	2520	2450	2486	2644
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	138	138	131	152	183	205	204	195	188	209	209	183	171	178
21	Municipality	2250	2186	2267	2083	2718	2921	2842	2626	2610	2206	2073	2286	2139	2214
22	Public Utility District	3803	3677	3684	3608	4549	4909	4723	4298	4291	3910	3646	4359	4076	3806
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9705**	**9516**	**9317**	**8992**	**10741**	**11745**	**11402**	**10619**	**10418**	**9650**	**9254**	**10179**	**9805**	**9817**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4388**	**4388**	**4151**	**4432**	**5022**	**5625**	**5596**	**5279**	**4911**	**4659**	**4659**	**4282**	**4245**	**4490**
4	Cooperative	2570	2570	2375	2415	2712	3058	3023	2848	2603	2535	2535	2466	2504	2663
5	Municipality	823	823	771	800	926	1022	1020	961	883	812	812	737	756	825
6	Public Utility District	822	822	845	1032	1184	1316	1329	1261	1190	1103	1103	896	814	824
7	Federal Entities	173	173	161	185	200	230	224	209	235	209	209	183	171	178
8	**Slice Block**	**1602**	**1602**	**1672**	**1682**	**2071**	**2303**	**2332**	**2156**	**2005**	**1691**	**1691**	**1496**	**1404**	**1628**
9	Municipality	486	486	608	556	772	843	874	828	796	551	551	366	293	471
10	Public Utility District	1116	1116	1063	1127	1299	1461	1459	1328	1209	1140	1140	1129	1111	1157
11	**Slice Right to Power**	**2885**	**2630**	**2681**	**2211**	**3044**	**3166**	**2879**	**2531**	**2732**	**2552**	**2111**	**3191**	**2870**	**2847**
12	Municipality	969	883	900	742	1022	1063	967	850	917	857	709	1071	963	956
13	Public Utility District	1916	1747	1781	1469	2022	2103	1913	1681	1815	1695	1402	2119	1906	1891
14	**Tier 1 Block**	**11.7**	**11.7**	**24.2**	**10.2**	**46.2**	**40.5**	**57.0**	**55.8**	**47.8**	**3.10**	**3.10**	**0**	**0**	**11.4**
15	Public Utility District	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2570	2570	2375	2415	2712	3058	3023	2848	2603	2535	2535	2466	2504	2663
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	173	173	161	185	200	230	224	209	235	209	209	183	171	178
21	Municipality	2278	2192	2279	2098	2720	2928	2861	2639	2596	2220	2072	2175	2012	2251
22	Public Utility District	3865	3697	3713	3638	4551	4920	4758	4326	4262	3942	3649	4145	3832	3883
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9848**	**9593**	**9402**	**9084**	**10776**	**11802**	**11490**	**10664**	**10436**	**9711**	**9270**	**9870**	**9452**	**9950**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4419**	**4419**	**4180**	**4477**	**5069**	**5666**	**5656**	**5369**	**4937**	**4700**	**4700**	**4322**	**4284**	**4529**
4	Cooperative	2589	2589	2391	2441	2739	3085	3052	2900	2630	2561	2561	2492	2529	2689
5	Municipality	827	827	775	807	934	1030	1027	969	888	817	817	743	762	831
6	Public Utility District	831	831	854	1043	1195	1327	1340	1273	1200	1112	1112	904	821	830
7	Federal Entities	173	173	161	185	201	224	237	227	219	209	209	183	172	179
8	**Slice Block**	**1622**	**1622**	**1692**	**1670**	**2056**	**2286**	**2315**	**2066**	**1990**	**1679**	**1679**	**1484**	**1393**	**1616**
9	Municipality	492	492	615	551	767	837	867	793	790	547	547	363	290	467
10	Public Utility District	1130	1130	1077	1119	1289	1450	1448	1273	1200	1132	1132	1121	1103	1149
11	**Slice Right to Power**	**2803**	**2621**	**2654**	**2200**	**3077**	**3190**	**2866**	**2525**	**2812**	**2539**	**2142**	**3546**	**3272**	**2766**
12	Municipality	941	880	891	739	1033	1071	962	848	944	852	719	1191	1098	929
13	Public Utility District	1862	1741	1763	1461	2044	2119	1904	1677	1868	1686	1423	2356	2173	1838
14	**Tier 1 Block**	**11.7**	**11.7**	**24.2**	**10.6**	**47.9**	**42.0**	**59.1**	**55.9**	**49.6**	**3.21**	**3.21**	**0**	**0**	**11.8**
15	Public Utility District	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2589	2589	2391	2441	2739	3085	3052	2900	2630	2561	2561	2492	2529	2689
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	173	173	161	185	201	224	237	227	219	209	209	183	172	179
21	Municipality	2260	2199	2281	2097	2733	2938	2857	2610	2622	2217	2084	2297	2150	2227
22	Public Utility District	3834	3713	3718	3634	4576	4938	4751	4279	4318	3934	3671	4380	4098	3829
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9816**	**9635**	**9424**	**9106**	**10844**	**11851**	**11523**	**10658**	**10529**	**9726**	**9330**	**10253**	**9882**	**9897**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4457**	**4457**	**4217**	**4501**	**5106**	**5705**	**5685**	**5394**	**4963**	**4715**	**4715**	**4345**	**4306**	**4548**
4	Cooperative	2614	2614	2415	2455	2754	3102	3068	2913	2645	2575	2575	2506	2543	2704
5	Municipality	833	833	781	811	939	1035	1033	975	893	822	822	747	766	836
6	Public Utility District	836	836	860	1048	1200	1333	1346	1279	1206	1117	1117	908	826	835
7	Federal Entities	173	173	161	186	213	235	238	228	220	201	201	184	171	174
8	**Slice Block**	**1610**	**1610**	**1680**	**1704**	**2098**	**2333**	**2363**	**2184**	**2031**	**1714**	**1714**	**1515**	**1422**	**1649**
9	Municipality	488	488	610	563	782	854	885	838	806	559	559	371	296	477
10	Public Utility District	1122	1122	1070	1142	1316	1480	1478	1345	1225	1155	1155	1144	1126	1172
11	**Slice Right to Power**	**2887**	**2632**	**2684**	**2213**	**3046**	**3168**	**2881**	**2533**	**2734**	**2554**	**2113**	**3191**	**2872**	**2848**
12	Municipality	969	884	901	743	1023	1064	967	850	918	858	709	1072	964	956
13	Public Utility District	1917	1748	1783	1470	2023	2105	1914	1682	1816	1697	1404	2120	1908	1892
14	**Tier 1 Block**	**12.1**	**12.1**	**25.1**	**10.3**	**46.4**	**40.8**	**57.4**	**56.2**	**48.1**	**3.12**	**3.12**	**0**	**0**	**11.5**
15	Public Utility District	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2614	2614	2415	2455	2754	3102	3068	2913	2645	2575	2575	2506	2543	2704
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	173	173	161	186	213	235	238	228	220	201	201	184	171	174
21	Municipality	2290	2205	2292	2117	2744	2953	2885	2664	2617	2238	2090	2190	2027	2269
22	Public Utility District	3888	3719	3737	3670	4586	4958	4795	4363	4295	3972	3679	4172	3859	3910
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9928**	**9673**	**9479**	**9177**	**10890**	**11914**	**11612**	**10810**	**10516**	**9792**	**9351**	**9953**	**9533**	**10031**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4474**	**4474**	**4241**	**4529**	**5137**	**5737**	**5718**	**5428**	**4993**	**4743**	**4743**	**4373**	**4333**	**4576**
4	Cooperative	2629	2629	2429	2471	2771	3120	3087	2933	2661	2591	2591	2521	2559	2720
5	Municipality	838	838	785	818	946	1043	1041	982	900	828	828	754	773	843
6	Public Utility District	841	841	864	1053	1206	1338	1352	1284	1211	1122	1122	913	830	839
7	Federal Entities	166	166	163	186	214	235	239	229	221	202	202	184	172	174
8	**Slice Block**	**1643**	**1643**	**1714**	**1668**	**2053**	**2284**	**2313**	**2138**	**1988**	**1677**	**1677**	**1483**	**1392**	**1614**
9	Municipality	498	498	623	551	766	836	866	821	789	547	547	363	290	467
10	Public Utility District	1145	1145	1091	1117	1288	1448	1447	1317	1199	1130	1130	1120	1102	1147
11	**Slice Right to Power**	**2803**	**2622**	**2655**	**2196**	**3073**	**3185**	**2861**	**2519**	**2808**	**2536**	**2140**	**3544**	**3269**	**2763**
12	Municipality	941	880	891	737	1032	1069	960	846	943	852	718	1190	1098	928
13	Public Utility District	1862	1742	1764	1459	2041	2115	1900	1673	1865	1685	1421	2354	2171	1835
14	**Tier 1 Block**	**11.8**	**11.8**	**24.3**	**10.4**	**47.2**	**41.5**	**58.4**	**57.1**	**48.9**	**3.17**	**3.17**	**0**	**0**	**11.7**
15	Public Utility District	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2629	2629	2429	2471	2771	3120	3087	2933	2661	2591	2591	2521	2559	2720
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	166	166	163	186	214	235	239	229	221	202	202	184	172	174
21	Municipality	2278	2217	2300	2107	2743	2948	2868	2649	2632	2227	2094	2308	2161	2238
22	Public Utility District	3860	3739	3743	3640	4582	4944	4757	4331	4324	3940	3677	4387	4103	3833
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9894**	**9713**	**9508**	**9153**	**10904**	**11914**	**11576**	**10785**	**10578**	**9766**	**9369**	**10302**	**9928**	**9939**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4503**	**4503**	**4269**	**4556**	**5166**	**5769**	**5750**	**5426**	**5022**	**4770**	**4770**	**4399**	**4359**	**4603**
4	Cooperative	2646	2646	2444	2487	2788	3138	3106	2926	2679	2608	2608	2537	2574	2737
5	Municipality	846	846	792	824	953	1050	1047	985	905	833	833	759	778	849
6	Public Utility District	845	845	868	1058	1211	1344	1357	1289	1216	1127	1127	918	834	843
7	Federal Entities	167	167	163	187	214	236	240	226	221	202	202	185	172	175
8	**Slice Block**	**1608**	**1608**	**1678**	**1706**	**2100**	**2336**	**2366**	**2186**	**2033**	**1716**	**1716**	**1518**	**1424**	**1651**
9	Municipality	488	488	610	564	783	855	886	840	807	560	560	372	297	478
10	Public Utility District	1121	1121	1068	1142	1317	1481	1480	1347	1226	1156	1156	1145	1127	1173
11	**Slice Right to Power**	**2883**	**2629**	**2680**	**2210**	**3041**	**3163**	**2876**	**2527**	**2730**	**2551**	**2110**	**3190**	**2869**	**2845**
12	Municipality	968	883	900	742	1021	1062	965	849	917	857	709	1071	963	955
13	Public Utility District	1915	1746	1780	1468	2020	2101	1910	1679	1813	1695	1402	2119	1906	1890
14	**Tier 1 Block**	**12.0**	**12.0**	**24.8**	**10.6**	**48.0**	**42.2**	**59.3**	**58.1**	**49.7**	**3.22**	**3.22**	**0**	**0**	**11.9**
15	Public Utility District	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2646	2646	2444	2487	2788	3138	3106	2926	2679	2608	2608	2537	2574	2737
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	167	167	163	187	214	236	240	226	221	202	202	185	172	175
21	Municipality	2302	2216	2302	2130	2757	2967	2898	2673	2629	2249	2101	2202	2039	2282
22	Public Utility District	3893	3724	3741	3679	4596	4968	4806	4372	4305	3981	3688	4182	3867	3918
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9968**	**9714**	**9525**	**9231**	**10949**	**11976**	**11676**	**10840**	**10574**	**9846**	**9405**	**10007**	**9585**	**10085**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4531**	**4531**	**4295**	**4581**	**5193**	**5798**	**5774**	**5478**	**5046**	**4794**	**4794**	**4421**	**4381**	**4629**
4	Cooperative	2663	2663	2460	2503	2805	3157	3124	2968	2695	2623	2623	2552	2589	2754
5	Municipality	851	851	797	827	956	1054	1047	984	908	835	835	761	781	852
6	Public Utility District	850	850	873	1063	1216	1350	1362	1295	1221	1132	1132	922	839	848
7	Federal Entities	167	167	164	188	215	237	241	230	222	203	203	186	173	175
8	**Slice Block**	**1645**	**1645**	**1716**	**1657**	**2040**	**2269**	**2297**	**2050**	**1974**	**1667**	**1667**	**1475**	**1385**	**1603**
9	Municipality	499	499	624	549	762	832	863	789	786	545	545	362	290	466
10	Public Utility District	1146	1146	1092	1108	1278	1437	1434	1260	1188	1122	1122	1113	1095	1138
11	**Slice Right to Power**	**2800**	**2619**	**2651**	**2196**	**3073**	**3185**	**2861**	**2519**	**2808**	**2536**	**2140**	**3544**	**3269**	**2763**
12	Municipality	940	879	890	737	1032	1069	960	846	943	851	718	1190	1098	928
13	Public Utility District	1860	1739	1761	1459	2041	2115	1900	1673	1865	1685	1421	2354	2172	1835
14	**Tier 1 Block**	**12.2**	**12.2**	**25.2**	**10.3**	**46.4**	**40.7**	**57.3**	**54.2**	**48.0**	**3.11**	**3.11**	**0**	**0**	**11.5**
15	Public Utility District	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2663	2663	2460	2503	2805	3157	3124	2968	2695	2623	2623	2552	2589	2754
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	167	167	164	188	215	237	241	230	222	203	203	186	173	175
21	Municipality	2290	2230	2311	2114	2750	2956	2871	2620	2637	2232	2099	2314	2168	2245
22	Public Utility District	3867	3747	3751	3640	4582	4943	4754	4282	4323	3941	3678	4389	4105	3832
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**9949**	**9768**	**9560**	**9193**	**10946**	**11959**	**11615**	**10743**	**10616**	**9805**	**9409**	**10342**	**9968**	**9980**

Table A-6: BPA Sales to Preference and Legacy Customers

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**326**	**326**	**325**	**327**	**326**	**325**	**327**	**326**	**326**	**328**	**328**	**327**	**325**	**326**
2	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
3	**Load Following**	**4555**	**4555**	**4317**	**4604**	**5219**	**5826**	**5805**	**5507**	**5071**	**4817**	**4817**	**4444**	**4403**	**4652**
4	Cooperative	2679	2679	2475	2515	2818	3171	3138	2979	2708	2635	2635	2564	2600	2766
5	Municipality	854	854	800	834	965	1063	1059	998	915	842	842	768	787	859
6	Public Utility District	854	854	877	1067	1221	1354	1367	1299	1225	1136	1136	926	842	851
7	Federal Entities	168	168	165	189	216	238	242	231	223	204	204	186	173	176
8	**Slice Block**	**1599**	**1599**	**1667**	**1709**	**2104**	**2341**	**2370**	**2190**	**2036**	**1719**	**1719**	**1522**	**1428**	**1654**
9	Municipality	487	487	607	566	785	857	888	842	809	561	561	374	299	480
10	Public Utility District	1112	1112	1059	1144	1319	1484	1481	1348	1227	1158	1158	1148	1129	1174
11	**Slice Right to Power**	**2883**	**2629**	**2642**	**2171**	**3003**	**3124**	**2837**	**2489**	**2692**	**2513**	**2072**	**3151**	**2831**	**2806**
12	Municipality	968	883	887	729	1008	1049	953	836	904	844	696	1058	950	942
13	Public Utility District	1915	1746	1755	1442	1995	2075	1884	1653	1788	1669	1376	2093	1880	1864
14	**Tier 1 Block**	**11.8**	**11.8**	**24.3**	**10.2**	**46.2**	**40.6**	**57.1**	**55.9**	**47.9**	**3.10**	**3.10**	**0**	**0**	**11.4**
15	Public Utility District	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
16	**USBR Obligation**	**636**	**636**	**549**	**421**	**267**	**341**	**298**	**316**	**414**	**478**	**478**	**574**	**608**	**648**
17	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
	Total Power Sales Contracts														
18	Cooperative	2679	2679	2475	2515	2818	3171	3138	2979	2708	2635	2635	2564	2600	2766
19	Direct Service Industry	326	326	325	327	326	325	327	326	326	328	328	327	325	326
20	Federal Entities	168	168	165	189	216	238	242	231	223	204	204	186	173	176
21	Municipality	2309	2223	2295	2129	2758	2969	2900	2676	2628	2247	2099	2200	2037	2281
22	Public Utility District	3893	3724	3716	3663	4581	4954	4790	4356	4288	3966	3673	4167	3851	3901
23	USBR	636	636	549	421	267	341	298	316	414	478	478	574	608	648
24	**Total Power Sales Contracts**	**10010**	**9755**	**9524**	**9244**	**10966**	**11998**	**11694**	**10884**	**10586**	**9857**	**9416**	**10018**	**9595**	**10097**

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Exhibit 22
Table A-7: Regional Regulated Hydro

Monthly 1-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-7: Regional: Regulated Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-2551	-4171	-4995	-5493	-3286	-3256	-4924	-6524	-4878	-5306	-6979	-1759	-3426	-4531
2	Albeni Falls	39.7	42.8	43.8	40.1	27.9	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	41.7
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4255	4392	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.1	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	143	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	348	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.43	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	391	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	193	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	56.4	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	132	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	13467	12034	10967	10069	13485	14163	12857	11518	12581	11288	9692	15236	14148	12531
60	Investor Owned Utilities	4309	4238	4063	4185	4298	4303	4377	4263	4197	4137	4075	4450	4579	4553
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2180	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2295	2295	2173	2183	2192	2234	2219	2174	2164	2175	2220	2303	2303	2293
64	**Total Regulated Hydro**	**23155**	**21588**	**20195**	**19358**	**22846**	**23664**	**22380**	**20598**	**21547**	**20223**	**18634**	**24753**	**24303**	**22361**

Table A-7: Regional: Regulated Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-2907	-4141	-3971	-5432	-3402	-3338	-4858	-6485	-5182	-5251	-6454	-1799	-3721	-4195
2	Albeni Falls	40.4	40.4	46.6	40.1	24.5	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	43.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	868	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	897	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	13120	12083	11993	10129	13365	14082	12923	11557	12277	11503	10217	15196	13854	12867
60	Investor Owned Utilities	4309	4238	3970	4185	4298	4303	4377	4263	4197	4137	4075	4450	4579	4553
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2295	2295	2154	2183	2192	2234	2219	2174	2164	2175	2220	2303	2303	2293
64	**Total Regulated Hydro**	**22808**	**21637**	**21112**	**19418**	**22726**	**23582**	**22446**	**20637**	**21243**	**20438**	**19159**	**24713**	**24008**	**22698**

Table A-7: Regional: Regulated Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-3224	-4172	-4083	-5500	-3279	-3252	-4918	-6518	-4873	-5280	-6953	-1773	-3420	-4560
2	Albeni Falls	37.2	37.2	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	12801	12048	11884	10062	13489	14168	12863	11523	12586	11314	9718	15222	14154	12502
60	Investor Owned Utilities	4309	4238	3970	4185	4298	4303	4377	4263	4197	4137	4075	4450	4579	4553
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2295	2295	2154	2183	2192	2234	2219	2174	2164	2175	2220	2303	2303	2293
64	**Total Regulated Hydro**	**22488**	**21602**	**21002**	**19351**	**22851**	**23669**	**22385**	**20603**	**21552**	**20250**	**18660**	**24738**	**24309**	**22333**

Table A-7: Regional: Regulated Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-2926	-4136	-3968	-5426	-3398	-3333	-4852	-6480	-5176	-5212	-7065	-2100	-3926	-4226
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	13104	12089	11999	10135	13370	14087	12929	11562	12283	11382	9607	14894	13648	12835
60	Investor Owned Utilities	4309	4238	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2295	2295	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**22791**	**21643**	**21118**	**19424**	**22731**	**23588**	**22452**	**20642**	**21249**	**20317**	**18548**	**24411**	**23803**	**22666**

Table A-7: Regional: Regulated Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-3252	-4171	-4078	-5482	-3274	-3247	-4913	-6514	-4869	-5276	-6950	-1771	-3417	-4556
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	12777	12053	11888	10080	13494	14173	12868	11528	12591	11318	9722	15223	14157	12506
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**22465**	**21608**	**21007**	**19368**	**22855**	**23673**	**22390**	**20608**	**21556**	**20253**	**18663**	**24740**	**24312**	**22337**

Table A-7: Regional: Regulated Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-2922	-4132	-3965	-5423	-3394	-3349	-4869	-6497	-5195	-5231	-7084	-2106	-3943	-4245
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	13108	12093	12002	10139	13374	14071	12912	11545	12264	11363	9588	14888	13631	12817
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**22795**	**21647**	**21121**	**19428**	**22735**	**23572**	**22434**	**20625**	**21230**	**20298**	**18529**	**24405**	**23786**	**22648**

Table A-7: Regional: Regulated Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-3270	-4189	-4096	-5500	-3292	-3264	-4931	-6532	-4887	-5305	-6978	-1767	-3435	-4574
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	12759	12036	11870	10062	13477	14156	12850	11510	12573	11289	9694	15227	14139	12488
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**22447**	**21590**	**20989**	**19350**	**22838**	**23656**	**22373**	**20590**	**21539**	**20225**	**18635**	**24744**	**24294**	**22318**

Table A-7: Regional: Regulated Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-2940	-4150	-3983	-5441	-3412	-3346	-4865	-6493	-5191	-5237	-7090	-2093	-3941	-4241
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	13090	12075	11984	10121	13356	14074	12916	11549	12268	11357	9582	14902	13634	12821
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**22777**	**21630**	**21102**	**19409**	**22718**	**23574**	**22439**	**20629**	**21234**	**20292**	**18523**	**24419**	**23788**	**22651**

Table A-7: Regional: Regulated Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-3266	-4185	-4093	-5615	-3493	-3302	-4960	-6515	-4852	-5355	-7008	-1870	-3577	-4747
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2424	2430	2200	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4230	5013	4863	5074	5093	4795	4054	3859	3921	4240	4521
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	12763	12039	11873	10065	13480	14160	12854	11514	12577	11303	9707	15220	14143	12491
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**22451**	**21594**	**20992**	**19354**	**22841**	**23660**	**22377**	**20594**	**21542**	**20238**	**18649**	**24737**	**24298**	**22322**

Table A-7: Regional: Regulated Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-2928	-4108	-3998	-5898	-3783	-3823	-5247	-6680	-5532	-5696	-7637	-2587	-4663	-5011
2	Albeni Falls	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
3	Alder	37.1	30.5	0	0	0	41.8	36.6	4.28	37.0	36.3	41.1	43.1	42.3	0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	686	686	855	855	855	686	727	731	731	855	727	1013	922	686
6	Box Canyon Dam	54.7	54.8	54.3	52.7	52.8	53.7	54.4	54.0	54.0	72.6	71.1	67.2	61.8	60.5
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
9	Chelan Lake	53.6	53.4	53.4	53.0	12.8	52.3	51.5	12.5	51.3	51.2	51.2	51.7	53.0	53.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.2	30.3	26.7	25.8	25.0	25.6	22.2	17.6	20.8	24.2	27.0	25.9	22.5	21.8
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
13	Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
14	Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
15	Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	4263	4413	4024	4571	5182	5302	5426	5297	5170	4462	4375	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
19	Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
23	La Grande	63.3	63.7	64.0	64.0	64.0	63.6	63.5	64.0	63.3	63.3	63.8	63.3	63.3	64.0
24	Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
25	Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
28	Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
29	Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
30	Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
31	Mayfield	125	125	125	125	125	125	151	125	125	125	125	83.6	138	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	140	130	134	139	124	115	115	113	124	124	129	147
34	Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
35	Mossyrock	378	378	378	365	327	303	226	134	157	196	236	0	378	378
36	Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
37	North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
38	Noxon Rapids	331	331	340	443	443	441	433	433	441	428	441	534	534	544
39	Oak Grove	30.7	22.2	36.5	-9.65	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	42.4
40	Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
42	Pelton Rereg	10.1	10.1	-4.34	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
43	Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
44	Priest Rapids	693	693	690	693	693	693	693	693	643	626	693	693	693	693
45	River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
46	Rock Island	510	510	493	467	462	488	510	518	529	529	529	511	511	511
47	Rocky Reach	1274	1274	1131	1093	1166	1212	1173	1166	1166	1166	1274	1274	1274	1274
48	Ross	448	395	393	347	302	408	361	311	237	213	204	251	356	439
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	135	264	229	182	156	140	152	158	0.23	233	263	265
51	Swift 2	62.1	62.1	39.3	62.4	69.4	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
52	The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
53	Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
54	Upper Baker	103	103	103	102	99.1	90.8	85.5	66.6	0.07	44.7	99.7	98.2	99.4	102
55	Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
56	Wanapum	743	743	743	743	778	743	743	743	743	743	743	743	743	743
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	105	133	130	112	99.4	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Regulated Hydro														
59	Federal Entities	13093	12078	11987	10124	13360	14077	12919	11552	12271	11370	9595	14895	13637	12824
60	Investor Owned Utilities	3850	3779	3543	3727	3839	3845	3918	3808	3779	3717	3637	3991	4120	4108
61	Marketer	896	871	813	797	822	845	870	870	863	840	866	858	880	890
62	Municipality	2187	2151	2182	2123	2049	2117	2056	1773	1742	1783	1780	1906	2392	2095
63	Public Utility District	2754	2754	2580	2642	2651	2693	2678	2628	2582	2595	2659	2761	2762	2738
64	**Total Regulated Hydro**	**22781**	**21633**	**21106**	**19412**	**22721**	**23578**	**22442**	**20632**	**21237**	**20305**	**18536**	**24411**	**23791**	**22654**

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Exhibit 23
Table A-8: Regional Independent Hydro

Monthly 1-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Table A-8: Regional: Independent Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2016 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1338**	**1246**	**1507**	**1792**	**1808**	**1993**	**2039**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2017 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro															
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1338**	**1246**	**1507**	**1792**	**1808**	**1993**	**2039**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2018 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1338**	**1246**	**1507**	**1792**	**1808**	**1993**	**2039**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2019 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1338**	**1246**	**1507**	**1792**	**1808**	**1993**	**2039**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2020 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1338**	**1246**	**1507**	**1792**	**1808**	**1993**	**2039**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2021 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86	Investor Owned Utilities	764	761	773	816	795	820	715	735	740	790	794	768	759	771
87	Municipality	125	126	132	147	144	164	165	176	186	174	174	222	228	179
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1582**	**1514**	**1467**	**1394**	**1258**	**1166**	**1427**	**1712**	**1728**	**1913**	**1959**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2022 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	469	464	539	403	378	254	223	199	349	596	609	753	790	504
86	Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87	Municipality	125	126	132	160	160	186	187	196	200	184	184	229	238	191
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1572**	**1434**	**1387**	**1314**	**1258**	**1166**	**1427**	**1712**	**1728**	**1913**	**1959**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2023 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86	Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87	Municipality	135	136	143	160	160	186	187	196	200	184	184	229	238	191
88	Public Utility District	144	149	132	130	129	129	127	29.7	131	134	134	152	161	151
89	**Total Independent Hydro**	**1509**	**1508**	**1572**	**1434**	**1387**	**1314**	**1258**	**1166**	**1427**	**1712**	**1728**	**1913**	**1959**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2024 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86	Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87	Municipality	135	136	145	162	161	188	189	198	203	189	189	242	261	204
88	Public Utility District	144	149	130	129	128	126	126	28.1	128	129	129	139	138	138
89	**Total Independent Hydro**	**1509**	**1508**	**1572**	**1434**	**1387**	**1314**	**1258**	**1166**	**1427**	**1712**	**1728**	**1913**	**1959**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls	47.7	47.7	49.5	44.9	39.1	38.5	36.3	40.5	37.7	48.3	48.3	44.2	44.7	46.9
2 Anderson Ranch	28.8	28.8	7.33	2.92	4.33	4.27	4.31	4.76	4.31	9.30	8.93	11.8	37.0	32.0
3 Arrowrock Hydro	13.0	12.0	3.80	2.40	2.30	2.30	2.30	2.30	2.30	2.40	2.40	13.0	12.0	12.0
4 Ashton	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5 Bend Power Dam	0.56	0.56	0.52	0.34	0.24	0.30	0.32	0.34	0.40	0.48	0.48	0.63	0.63	0.63
6 Big Cliff	4.21	4.77	7.20	5.84	10.4	4.71	3.20	4.77	4.02	6.30	8.80	15.8	15.8	5.17
7 Big Fork	2.92	2.92	2.28	1.61	2.23	2.44	2.40	2.41	2.74	3.22	3.22	3.42	3.45	3.39
8 Black Canyon	8.53	8.53	8.53	5.41	2.56	2.27	3.27	3.53	3.95	8.48	8.53	8.53	8.53	8.53
9 Bliss	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
10 Boise River Diversion	1.83	1.83	2.47	0.73	0	0	0	0	0	0.87	0.87	2.50	2.50	2.50
11 Calispel Creek	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.31	0.40	0.40	0.40	0.40	0.40	0.30
12 Carmen-Smith	79.9	79.9	91.2	108	108	108	108	108	108	108	108	108	108	108
13 Cascade	11.2	11.2	10.4	8.78	8.80	8.70	8.63	8.57	8.40	7.89	7.92	7.66	7.55	8.94
14 Cedar Falls	1.79	1.10	2.24	1.96	1.22	8.51	9.25	10.2	15.1	9.81	12.2	14.5	27.9	2.47
15 Chandler	1.35	1.39	1.54	4.77	6.03	1.39	4.50	6.50	8.53	4.54	4.54	4.50	4.23	4.23
16 CJ Strike	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
17 Clear Lake	2.25	2.25	2.09	1.62	1.71	1.67	1.71	1.67	1.66	1.54	1.56	1.54	1.52	1.78
18 Cougar	17.6	17.0	15.9	26.7	21.5	9.00	5.94	7.82	8.73	28.0	26.0	22.5	19.4	11.0
19 Cowlitz Falls	11.9	8.50	7.90	6.20	3.10	23.1	10.00	13.7	33.3	46.1	50.3	63.6	66.3	28.9
20 Detroit	7.10	9.14	86.3	87.6	90.2	98.0	103	95.0	96.1	93.8	90.3	93.8	97.6	10.9
21 Dexter	4.98	7.00	5.53	9.60	15.2	3.99	2.92	5.00	4.70	8.61	11.3	16.7	15.0	6.00
22 Eagle Point	0	0	0	0	0.39	0.70	0.68	0.91	0.56	0.69	0.69	0.47	0	0
23 Electron	8.78	8.05	8.12	7.11	4.64	14.0	6.66	9.68	14.8	15.6	17.0	17.1	15.0	13.5
24 Felt Hydro Project	4.40	4.40	4.57	4.33	4.44	3.85	3.31	3.53	4.20	4.18	4.18	5.92	7.26	5.61
25 Foster	6.00	5.93	11.2	9.91	5.88	6.26	3.19	9.00	18.3	12.6	12.2	14.1	20.7	4.20
26 Gem State Hydro	0	0	15.0	10.1	10.7	10.5	11.6	13.0	14.0	15.2	15.2	0	0	0
27 Grace	33.0	33.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	33.0	33.0	33.0	33.0	33.0
28 Green Peter	9.32	6.35	42.5	8.71	11.0	17.0	8.00	0	92.0	90.7	92.0	91.8	91.9	10.6
29 Green Springs	7.92	7.93	6.90	3.34	4.45	6.33	6.68	6.52	7.22	6.20	7.46	8.77	8.98	8.00
30 Hellroaring	0.21	0.21	0.19	0.17	0.17	0.14	0.15	0.22	0.32	0.38	0.38	0.26	0.22	0.19
31 Henry M Jackson	112	112	112	112	112	112	112	15.6	112	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro

Operating Year 2025 Water Year: 1937

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	Rogue	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60	Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61	Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62	Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63	Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64	Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65	Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66	Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67	South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68	Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69	Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70	Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71	Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72	The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73	Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74	Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75	TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76	Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77	Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78	Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79	Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80	Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81	Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82	Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83	Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
	Total Independent Hydro														
84	Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85	Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86	Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87	Municipality	139	146	145	162	161	188	189	198	203	189	189	242	261	204
88	Public Utility District	140	139	130	129	128	126	126	28.1	128	129	129	139	138	138
89	**Total Independent Hydro**	**1509**	**1508**	**1572**	**1434**	**1387**	**1314**	**1258**	**1166**	**1427**	**1712**	**1728**	**1913**	**1959**	**1627**

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Exhibit 24
Federal Report Surplus Deficit By Water Year
80 Water Year Federal Surplus/Deficit

Monthly 1-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Federal Report Surplus Deficit By Water Year

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2639	2690	1913	1021	1334	1424	1055	955	1830	1035	2546	3872	4681	1304
2	1930 Federal Report Surplus Deficit	1918	1840	1954	1209	1554	1494	-190	1131	1757	2071	3774	3835	2429	3092
3	1931 Federal Report Surplus Deficit	2399	1753	1292	1204	1764	1488	-42.2	-89.2	1366	908	-969	4806	2727	3304
4	1932 Federal Report Surplus Deficit	2275	1843	1859	978	891	1444	-246	-351	3737	4796	4623	5332	5913	4050
5	1933 Federal Report Surplus Deficit	3230	3050	2285	1405	1591	2122	3490	3705	4323	2823	3842	5271	6178	4507
6	1934 Federal Report Surplus Deficit	3687	3671	2206	2103	3306	3932	3971	4489	4710	4581	4635	5190	5243	3452
7	1935 Federal Report Surplus Deficit	1970	1729	1330	1369	1035	1396	3397	3313	4088	2659	3881	5066	5073	4064
8	1936 Federal Report Surplus Deficit	3659	2292	1839	971	1337	1444	100	767	2124	2141	4500	5352	5794	3214
9	1937 Federal Report Surplus Deficit	2666	1703	1695	789	1691	1454	261	77.3	1548	1336	332	4621	4120	2050
10	1938 Federal Report Surplus Deficit	2459	1660	1412	1243	1221	2041	2798	3254	4682	4336	4775	5330	5551	4013
11	1939 Federal Report Surplus Deficit	2574	2004	2181	1424	1095	1399	1681	1574	3245	3147	4402	5304	3861	2996
12	1940 Federal Report Surplus Deficit	1900	1537	1530	1570	2212	1794	1321	1100	4794	3460	4386	5332	4021	2651
13	1941 Federal Report Surplus Deficit	1878	1358	1204	1122	1557	1707	855	861	2795	842	2536	4767	3973	3253
14	1942 Federal Report Surplus Deficit	2184	1603	1510	1150	2101	2659	2606	710	3237	2174	3935	5007	5471	4103
15	1943 Federal Report Surplus Deficit	3297	2714	2579	942	1018	1561	3643	3889	4527	4920	4794	5267	6159	4588
16	1944 Federal Report Surplus Deficit	3071	2348	1912	998	1570	1390	1076	1020	1403	1137	2620	3000	1816	2453
17	1945 Federal Report Surplus Deficit	2090	1176	1044	1452	1355	1372	95.9	569	1595	1087	-876	5353	5597	1713
18	1946 Federal Report Surplus Deficit	2822	2104	1647	1023	1700	2031	2500	2155	4730	4527	4742	5335	5427	4212
19	1947 Federal Report Surplus Deficit	3675	3473	2318	882	2181	3665	3898	4350	4641	4063	4228	5342	5514	4091
20	1948 Federal Report Surplus Deficit	3540	3184	2219	3573	3244	2855	3950	3939	4123	3432	4544	5484	6138	4313
21	1949 Federal Report Surplus Deficit	3687	4008	2665	1400	2040	1871	2451	1619	4912	3937	4710	5389	5718	2007
22	1950 Federal Report Surplus Deficit	1307	1292	1446	1156	1052	1896	3850	4271	4657	4723	4567	5363	6150	4755
23	1951 Federal Report Surplus Deficit	3664	3520	2332	2323	3339	3725	3873	4618	4621	4647	4609	5294	5612	4302
24	1952 Federal Report Surplus Deficit	3815	2942	2188	3211	2891	2881	3847	4041	4644	4795	4839	5429	5718	4057
25	1953 Federal Report Surplus Deficit	3344	2707	1533	848	1419	1465	1998	3223	4065	2148	3807	5358	6193	4189
26	1954 Federal Report Surplus Deficit	3281	2850	2223	1301	2318	2405	3854	4450	4629	3642	4256	5349	5929	4722
27	1955 Federal Report Surplus Deficit	3781	4184	3753	1469	2953	2390	1952	1407	2068	1833	3465	5262	6171	4718
28	1956 Federal Report Surplus Deficit	3660	3481	1967	1709	3205	3675	4024	4762	4530	4423	4556	5448	6149	4348
29	1957 Federal Report Surplus Deficit	3691	3761	2242	1632	1991	2560	2705	1035	4854	4645	4203	5525	6062	3996
30	1958 Federal Report Surplus Deficit	3335	2099	2030	1068	1754	1846	2906	3392	4337	3180	4522	5376	5957	3519
31	1959 Federal Report Surplus Deficit	3189	2016	1848	1167	2738	3443	4017	4537	4736	4253	4115	5141	5950	4478
32	1960 Federal Report Surplus Deficit	3799	4030	3630	3867	3321	3235	3352	3062	4544	4887	4591	5298	5843	3950
33	1961 Federal Report Surplus Deficit	3419	2194	1935	1422	1909	2050	3142	4065	4908	4459	3922	5282	6008	3841
34	1962 Federal Report Surplus Deficit	3331	2564	1744	896	1837	1764	3091	2999	2704	4725	4780	5332	5440	3807
35	1963 Federal Report Surplus Deficit	3248	2945	1702	1862	2941	3232	3418	2837	3149	2237	4041	5352	5822	3866
36	1964 Federal Report Surplus Deficit	3176	2443	2462	1032	1645	2023	2001	2056	2833	4021	3496	5334	6199	4577
37	1965 Federal Report Surplus Deficit	3701	3773	3012	2335	2722	3750	3900	4484	4328	3410	4611	5299	5661	3973
38	1966 Federal Report Surplus Deficit	3638	3691	1658	1660	2212	2191	2629	2667	3124	4722	4143	4989	5303	4061
39	1967 Federal Report Surplus Deficit	3609	2335	2025	889	1697	2314	3848	4259	4427	2907	2081	5157	5999	4385
40	1968 Federal Report Surplus Deficit	3716	3419	2318	1357	2528	2196	3537	3811	4558	1675	3123	4711	5657	4152
41	1969 Federal Report Surplus Deficit	3658	3319	3402	2420	3226	2908	3863	4188	4345	4523	4666	5413	5883	4108
42	1970 Federal Report Surplus Deficit	3542	3063	2211	1262	2138	1643	2901	2976	3879	2376	3515	5278	5980	3485
43	1971 Federal Report Surplus Deficit	2634	2150	1807	919	1628	2005	3921	4536	4841	4603	4587	5398	6161	4338
44	1972 Federal Report Surplus Deficit	3834	4181	2512	1756	2188	2473	3909	4458	4583	4630	4481	5346	6098	4573
45	1973 Federal Report Surplus Deficit	3690	4095	2748	1598	2288	2173	2889	1515	2817	852	2657	4780	3524	2581
46	1974 Federal Report Surplus Deficit	2209	1355	1229	1176	1627	2873	4027	4529	4443	4379	4467	5131	6152	4909
47	1975 Federal Report Surplus Deficit	3700	4117	2727	843	1653	1639	3361	3409	4481	2153	3401	5333	6109	4557
48	1976 Federal Report Surplus Deficit	3656	3543	2753	2648	3329	3972	4017	4556	4582	4665	4623	5404	5838	4412
49	1977 Federal Report Surplus Deficit	3870	4239	3777	1746	1836	1300	1166	1275	1677	807	2508	2906	1281	2221
50	1978 Federal Report Surplus Deficit	1827	1498	929	275	1005	2780	2697	2501	4334	4659	4126	5123	5120	4065
51	1979 Federal Report Surplus Deficit	3431	2933	3476	1886	2203	1526	1399	1950	4309	2163	3804	5355	4989	2042
52	1980 Federal Report Surplus Deficit	1616	1499	1918	846	1544	1283	2178	863	2922	2590	4340	5426	5714	3328
53	1981 Federal Report Surplus Deficit	2042	1280	2023	1316	1887	3186	3757	4241	3203	1060	3845	5308	5976	4177
54	1982 Federal Report Surplus Deficit	3812	4003	2400	1288	2478	2147	3678	4590	4680	4724	4428	5278	6141	4818

Federal Report Surplus Deficit By Water Year

Operating Year 2016

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3823	4140	3472	2509	2581	2590	3949	4113	4939	4219	4308	5285	5878	4265
56	1984 Federal Report Surplus Deficit	3683	3173	2634	1431	3394	2842	3639	3925	4941	4870	4670	5354	6153	4254
57	1985 Federal Report Surplus Deficit	3744	2839	2636	1497	2488	2189	2577	2138	3109	3457	4494	5341	5215	985
58	1986 Federal Report Surplus Deficit	997	1280	1718	1425	2925	2353	3084	4183	5075	4769	4639	5218	5622	3785
59	1987 Federal Report Surplus Deficit	2892	1882	1651	856	1963	2289	1736	1060	4089	1358	3363	5265	4726	2507
60	1988 Federal Report Surplus Deficit	1258	1231	1372	1003	1288	1270	382	-57.8	1427	1311	3272	4682	4451	3248
61	1989 Federal Report Surplus Deficit	2505	1867	1434	1054	1476	1912	320	177	3770	4297	4664	5255	5001	3043
62	1990 Federal Report Surplus Deficit	1489	1560	1620	1120	2205	2584	3627	3560	4533	3050	4668	5241	5860	3942
63	1991 Federal Report Surplus Deficit	3662	3124	1912	784	3288	3058	3802	4250	4293	4008	4010	5335	5664	4300
64	1992 Federal Report Surplus Deficit	3786	3613	1946	979	1669	1280	1165	1487	3162	858	2769	4908	4060	2360
65	1993 Federal Report Surplus Deficit	1943	1510	869	1172	1676	1627	-112	-327	2957	2268	2983	5336	5288	3494
66	1994 Federal Report Surplus Deficit	2946	2279	2046	1145	1952	1760	222	490	1616	1221	3267	5090	4866	3013
67	1995 Federal Report Surplus Deficit	2349	1618	1342	1103	954	1702	730	3548	4406	3763	3745	5309	5823	3749
68	1996 Federal Report Surplus Deficit	2614	2070	2556	2377	3345	3931	3898	4603	4667	4698	4811	5346	5854	4367
69	1997 Federal Report Surplus Deficit	3788	3747	2282	1168	2373	2915	3927	4274	4555	4418	4632	5354	6111	4493
70	1998 Federal Report Surplus Deficit	3802	4171	3433	3696	3199	2205	2435	3396	3802	1942	4191	5338	6032	4032
71	1999 Federal Report Surplus Deficit	3819	3617	2051	978	1566	2516	3882	4394	4675	4011	4629	5372	6060	4587
72	2000 Federal Report Surplus Deficit	3878	4253	2722	1419	3357	3254	3247	3275	4681	4674	4671	5351	4708	3922
73	2001 Federal Report Surplus Deficit	3504	1582	1707	1181	1356	1439	1031	1002	2121	1019	2525	4051	1120	2734
74	2002 Federal Report Surplus Deficit	2177	1258	994	89.2	976	1607	431	1060	2233	4357	4598	5266	5944	4342
75	2003 Federal Report Surplus Deficit	3108	2611	1711	1148	1886	1665	466	1191	4564	2952	3971	5174	5703	2905
76	2004 Federal Report Surplus Deficit	1101	1557	1368	1350	2715	1753	613	671	3032	2519	3855	5204	5343	3116
77	2005 Federal Report Surplus Deficit	1433	1614	2889	1739	2206	2398	2427	2707	2833	1349	3202	5098	5116	3611
78	2006 Federal Report Surplus Deficit	2750	2011	1851	907	2097	2211	3125	3476	4612	4804	4749	5287	5943	4022
79	2007 Federal Report Surplus Deficit	3312	1545	1469	896	1891	2267	3339	1920	5066	4357	4033	5338	4791	4062
80	2008 Federal Report Surplus Deficit	2403	1717	1276	1142	2426	1515	1715	1372	3296	2542	2287	5280	6203	4163

Ranked Averages

81	**Bottom 10 pct**	**1378**	**1441**	**1657**	**1114**	**1868**	**2040**	**2357**	**2337**	**3602**	**3121**	**4084**	**5169**	**5422**	**3731**
82	**Middle 80 pct**	**3077**	**2563**	**2027**	**1370**	**2055**	**2233**	**2423**	**2566**	**3733**	**3176**	**3772**	**5148**	**5319**	**3652**
83	**Top 10 pct**	**3832**	**3943**	**2820**	**2075**	**2512**	**2421**	**3264**	**3693**	**4210**	**3725**	**4257**	**5038**	**5239**	**4059**

Federal Report Surplus Deficit By Water Year

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2366	2801	2684	1172	1495	1799	977	793	1646	926	2356	3272	3778	1390
2	1930 Federal Report Surplus Deficit	2362	2131	3039	1323	1688	1885	-28.1	976	1592	1940	3616	3233	1262	3377
3	1931 Federal Report Surplus Deficit	2706	2079	2480	1298	1873	1825	85.1	-141	1268	938	-447	4086	1693	3616
4	1932 Federal Report Surplus Deficit	2198	1471	2219	1098	1069	1811	-42.9	-345	3469	4804	4539	4406	5041	4415
5	1933 Federal Report Surplus Deficit	2481	3319	3189	1492	1730	2385	3103	3336	4056	2728	3688	4275	5246	4771
6	1934 Federal Report Surplus Deficit	3064	3599	3008	2129	3254	4289	3981	4131	4779	4575	4558	4212	4483	3713
7	1935 Federal Report Surplus Deficit	2202	1729	2079	1441	1215	1829	3007	2972	4158	1353	3730	4109	4222	4427
8	1936 Federal Report Surplus Deficit	3136	2505	2375	1123	1489	1815	236	623	1899	2014	4434	4420	4961	3528
9	1937 Federal Report Surplus Deficit	2352	2020	2405	977	1809	1803	311	3.08	1424	1480	736	4017	3211	2218
10	1938 Federal Report Surplus Deficit	2476	2116	2576	1352	1391	2070	2728	2929	4486	4240	4727	4372	4716	4380
11	1939 Federal Report Surplus Deficit	2194	1839	3040	1509	1270	1827	1516	1364	2928	3098	4292	4310	2886	3271
12	1940 Federal Report Surplus Deficit	2324	1861	2527	1626	2274	2092	1186	937	4952	3242	3893	4264	3056	2889
13	1941 Federal Report Surplus Deficit	1857	1391	2433	1226	1690	2040	831	705	2492	1009	2635	3981	3083	3565
14	1942 Federal Report Surplus Deficit	2130	1886	3051	1242	2179	2893	2309	1404	3602	1949	3704	3942	4220	4430
15	1943 Federal Report Surplus Deficit	2887	2884	3579	1098	621	2172	3245	3524	4337	4921	4778	4277	5230	4671
16	1944 Federal Report Surplus Deficit	2756	2526	2573	1162	1711	1788	984	852	1305	1017	2431	2839	568	2666
17	1945 Federal Report Surplus Deficit	2079	1396	2229	1529	1508	1719	238	468	1473	981	-873	4361	4766	1903
18	1946 Federal Report Surplus Deficit	2637	1833	2029	1175	1831	2307	2222	1911	4617	4517	4699	4387	4599	4537
19	1947 Federal Report Surplus Deficit	3108	3453	3139	1062	2259	3985	3688	3965	4734	3973	4105	4383	4687	4451
20	1948 Federal Report Surplus Deficit	2982	3191	2921	3647	3181	3095	3578	3530	3820	3364	4477	4496	5196	4562
21	1949 Federal Report Surplus Deficit	3074	3713	3529	1489	2133	2172	2153	1411	4895	3815	4649	4478	4869	2249
22	1950 Federal Report Surplus Deficit	1377	1201	1912	1280	1236	2177	3548	3859	4748	4709	4465	4389	5242	4970
23	1951 Federal Report Surplus Deficit	3065	3508	3160	2340	3274	4049	3884	4457	4710	4642	4521	4349	4767	4565
24	1952 Federal Report Surplus Deficit	3202	3122	2954	3264	2877	3122	3467	3629	4385	4810	4815	4478	4879	4422
25	1953 Federal Report Surplus Deficit	2972	3089	1929	1031	1567	1833	1790	2936	3753	2022	3649	4384	5263	4525
26	1954 Federal Report Surplus Deficit	2918	2971	2983	1404	2379	2645	3467	3941	4618	3569	4133	4393	5075	4909
27	1955 Federal Report Surplus Deficit	3217	3716	4575	1553	2928	2626	1742	1207	1851	1700	3292	4276	5245	4916
28	1956 Federal Report Surplus Deficit	3039	3450	2665	1773	3147	3995	4011	4442	4620	4419	4598	4466	5231	4594
29	1957 Federal Report Surplus Deficit	3071	3646	3044	1698	2090	2795	2383	875	4631	4570	4079	4517	5112	4363
30	1958 Federal Report Surplus Deficit	2947	2305	2846	1212	1871	2157	2581	3057	4065	3106	4418	4489	5084	3740
31	1959 Federal Report Surplus Deficit	2352	2286	2568	1293	2745	3733	3881	4137	4791	4188	3992	4158	5054	4691
32	1960 Federal Report Surplus Deficit	3177	3560	4535	3890	3265	3509	2989	2756	4303	4896	4499	4308	4975	4316
33	1961 Federal Report Surplus Deficit	2971	2412	2557	1505	2015	2321	2785	3646	4862	3763	3790	4329	5098	4206
34	1962 Federal Report Surplus Deficit	2936	2709	2510	1060	1950	2090	2749	2712	2414	4703	4724	4370	4617	4164
35	1963 Federal Report Surplus Deficit	2760	2953	2180	1908	2917	3495	2781	3058	4104	2009	3482	4342	4749	4238
36	1964 Federal Report Surplus Deficit	2819	2414	3246	1178	1778	2298	1787	1817	2533	3943	3323	4343	5266	4766
37	1965 Federal Report Surplus Deficit	3080	3618	3836	2348	2730	4084	3910	4392	4419	3355	4576	4363	4774	4344
38	1966 Federal Report Surplus Deficit	3059	3570	2297	1717	2277	2437	2332	2393	2807	4686	4016	4071	4476	4423
39	1967 Federal Report Surplus Deficit	2937	2541	2777	1036	1825	2560	3762	4029	4520	2854	1880	4166	5076	4621
40	1968 Federal Report Surplus Deficit	3142	3421	3113	1442	2563	2443	3138	3400	4299	1542	2943	3866	4783	4488
41	1969 Federal Report Surplus Deficit	3111	3561	4065	2430	3165	3149	3873	4078	4439	4518	4612	4479	5016	4464
42	1970 Federal Report Surplus Deficit	3021	2985	2921	1383	2219	1996	2570	2685	3561	2252	3345	4288	5074	3814
43	1971 Federal Report Surplus Deficit	2666	2243	2478	1070	1765	2285	3934	4261	4931	4595	4527	4432	5236	4591
44	1972 Federal Report Surplus Deficit	3211	3768	3337	1816	2268	2711	3901	4365	4673	4625	4371	4443	5160	4785
45	1973 Federal Report Surplus Deficit	3088	3637	3591	1667	2349	2436	2566	1310	2515	792	2469	3917	2502	2808
46	1974 Federal Report Surplus Deficit	2327	1616	2227	1281	1764	3102	4037	4231	4533	4374	4509	4413	5229	5036
47	1975 Federal Report Surplus Deficit	3078	3663	3545	1024	1786	2007	2967	3078	4243	2027	3226	4368	5159	4671
48	1976 Federal Report Surplus Deficit	3089	3625	3597	2657	3263	4330	3960	4227	4673	4659	4535	4454	4967	4627
49	1977 Federal Report Surplus Deficit	3289	3770	4784	1799	1944	1669	1048	1080	1516	864	2651	2745	82.4	2410
50	1978 Federal Report Surplus Deficit	2061	1534	1619	553	1023	2985	2391	2238	4099	4606	4005	4164	4286	4429
51	1979 Federal Report Surplus Deficit	2552	2266	4022	1924	2275	1913	1271	1722	4008	2033	3646	4376	4131	2208
52	1980 Federal Report Surplus Deficit	1783	1870	2694	1018	1680	1760	1940	714	2614	2480	4250	4491	4835	3735
53	1981 Federal Report Surplus Deficit	2030	1386	2852	1412	1989	3431	3385	3827	4121	860	3412	4333	5059	4458
54	1982 Federal Report Surplus Deficit	3196	3664	3183	1402	2516	2408	3280	4445	4769	4690	4320	4347	5169	4846

Federal Report Surplus Deficit By Water Year

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3200	3765	4173	2520	2612	2824	3564	3726	5028	4076	4185	4320	4998	4559
56	1984 Federal Report Surplus Deficit	3073	3638	3477	1523	3331	3079	3240	3506	4813	4868	4621	4391	5208	4550
57	1985 Federal Report Surplus Deficit	3191	2927	3484	1591	2533	2445	2278	2167	2486	3393	4400	4388	4376	1039
58	1986 Federal Report Surplus Deficit	1140	1189	2700	1526	2908	2594	2748	3958	5029	4777	4588	4230	4776	4114
59	1987 Federal Report Surplus Deficit	2567	2153	2206	1032	2068	2536	1559	893	3783	1520	3446	4309	3886	2729
60	1988 Federal Report Surplus Deficit	1961	1200	2292	1129	1435	1746	456	-111	2205	1144	3027	3794	2822	3549
61	1989 Federal Report Surplus Deficit	2626	2153	2542	1190	1625	2205	410	93.9	3508	4214	4621	4259	4143	3320
62	1990 Federal Report Surplus Deficit	2018	1613	2474	1248	2270	2818	3124	3413	4412	3002	4529	4246	5033	4308
63	1991 Federal Report Surplus Deficit	3175	3322	2611	969	3225	3312	3675	3839	4026	3980	3873	4340	4812	4538
64	1992 Federal Report Surplus Deficit	3163	3558	2588	1129	1798	1752	1064	1282	4093	806	2609	3996	1871	2566
65	1993 Federal Report Surplus Deficit	2143	1583	2048	1267	1799	1978	63.7	-349	2668	2140	2797	4349	4450	3821
66	1994 Federal Report Surplus Deficit	2764	2494	3215	1269	2046	2062	327	373	1475	1386	3367	4190	4051	3289
67	1995 Federal Report Surplus Deficit	2526	1691	2594	1210	1104	2035	741	3227	4747	2372	3266	4278	4952	4103
68	1996 Federal Report Surplus Deficit	2467	2307	3376	2391	3277	4288	3908	4447	4756	4682	4762	4418	4961	4582
69	1997 Federal Report Surplus Deficit	3166	3625	3052	1293	2430	3154	3937	4182	4645	4413	4674	4378	5172	4683
70	1998 Federal Report Surplus Deficit	3185	3754	4158	3770	3142	2463	2165	3051	3479	1810	4056	4448	5117	4397
71	1999 Federal Report Surplus Deficit	3247	3208	2710	1141	1710	2752	3880	4317	4764	3890	4549	4385	5162	4773
72	2000 Federal Report Surplus Deficit	3294	3822	3564	1508	3301	3509	2884	2964	4443	4642	4605	4391	3807	4288
73	2001 Federal Report Surplus Deficit	3024	1796	2289	1305	1509	1816	938	834	1891	1180	2674	3684	-154	2973
74	2002 Federal Report Surplus Deficit	2142	1397	1684	386	1058	1972	496	888	3277	2809	4482	4271	5072	4613
75	2003 Federal Report Surplus Deficit	2081	2279	2674	1257	1985	2006	523	1011	4303	2860	3828	4181	4850	3166
76	2004 Federal Report Surplus Deficit	2052	1623	2123	1427	2707	2079	638	538	3992	2251	3457	4181	3976	3383
77	2005 Federal Report Surplus Deficit	1515	1698	3573	1787	2276	2637	2130	2430	2526	1220	3028	4101	4271	3943
78	2006 Federal Report Surplus Deficit	2596	2010	2650	1054	2181	2463	2762	3528	4441	4732	4704	4368	5084	4388
79	2007 Federal Report Surplus Deficit	2954	1512	1941	1062	1997	2515	2959	1689	4993	4254	3896	4349	3910	4429
80	2008 Federal Report Surplus Deficit	2415	1602	1805	1246	2462	1901	1541	1176	2972	2427	2094	4323	5263	4526

Ranked Averages

81	**Bottom 10 pct**	**1710**	**1443**	**2616**	**1328**	**1935**	**2400**	**2270**	**2349**	**3518**	**2400**	**3742**	**4196**	**4390**	**4080**
82	**Middle 80 pct**	**2735**	**2615**	**2805**	**1502**	**2129**	**2535**	**2258**	**2358**	**3722**	**3127**	**3707**	**4235**	**4386**	**3909**
83	**Top 10 pct**	**3232**	**3605**	**3660**	**1875**	**2519**	**2703**	**2971**	**3217**	**3929**	**3662**	**4099**	**4173**	**4313**	**4375**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2088	2676	2468	1029	1497	1637	1175	863	1734	904	2384	4086	4617	1175
2	1930 Federal Report Surplus Deficit	2081	2047	2848	1219	1717	1707	-71.7	1039	1661	1941	3605	4049	2358	2980
3	1931 Federal Report Surplus Deficit	2561	1987	2281	1189	1928	1702	76.0	-183	1269	777	-1137	5019	2656	3196
4	1932 Federal Report Surplus Deficit	1881	1507	1968	973	1053	1658	-128	-446	3704	4671	4403	5552	5840	3951
5	1933 Federal Report Surplus Deficit	2200	3255	2971	1377	1749	2337	3683	3391	4260	2689	3682	5487	6110	4421
6	1934 Federal Report Surplus Deficit	3376	3651	2784	2026	3472	4149	4092	4454	4615	4437	4423	5406	5245	3278
7	1935 Federal Report Surplus Deficit	1879	1684	1846	1338	1194	1609	3519	3391	4196	1338	3712	5285	4999	3965
8	1936 Federal Report Surplus Deficit	3325	2388	2119	982	1500	1658	219	674	2028	2012	4367	5570	5734	3100
9	1937 Federal Report Surplus Deficit	2065	1954	2165	820	1854	1667	379	-16.2	1452	1205	167	4836	4052	1928
10	1938 Federal Report Surplus Deficit	2261	2023	2358	1240	1384	1949	3191	3166	4587	4187	4589	5545	5487	3913
11	1939 Federal Report Surplus Deficit	1854	1813	2829	1385	1257	1612	1802	1483	3151	3049	4239	5519	3792	2883
12	1940 Federal Report Surplus Deficit	2090	1790	2323	1532	2345	2008	1442	1009	4960	3190	3861	5462	3953	2553
13	1941 Federal Report Surplus Deficit	1446	1438	2224	1085	1700	1921	975	768	2700	711	2374	4983	3905	3144
14	1942 Federal Report Surplus Deficit	1814	1826	2815	1085	2219	2828	2729	1524	3821	1951	3692	5109	4986	3999
15	1943 Federal Report Surplus Deficit	2899	2769	3330	938	1181	2080	3759	3807	4524	4783	4671	5484	6096	4450
16	1944 Federal Report Surplus Deficit	2642	2403	2343	1009	1734	1603	1196	928	1306	1006	2458	3213	1745	2347
17	1945 Federal Report Surplus Deficit	1757	1425	2007	1418	1518	1585	214	476	1498	956	-1044	5572	5529	1583
18	1946 Federal Report Surplus Deficit	2425	1811	1719	1025	1864	2245	2617	2072	4634	4419	4555	5550	5354	4115
19	1947 Federal Report Surplus Deficit	3292	3450	2929	882	2322	3791	3981	4220	4508	3928	4064	5557	5447	3993
20	1948 Federal Report Surplus Deficit	3119	3107	2725	3543	3351	3023	4065	3824	4021	3305	4398	5720	6080	4213
21	1949 Federal Report Surplus Deficit	3389	3991	3283	1352	2187	2085	2573	1528	4817	3802	4524	5616	5648	1879
22	1950 Federal Report Surplus Deficit	900	1341	1601	1145	1215	2110	3975	4169	4564	4635	4424	5582	6107	4655
23	1951 Federal Report Surplus Deficit	3318	3509	2943	2243	3465	3854	3995	4528	4525	4503	4411	5511	5545	4204
24	1952 Federal Report Surplus Deficit	3395	3022	2751	3143	2992	3052	3925	4050	4492	4686	4660	5646	5647	3958
25	1953 Federal Report Surplus Deficit	3104	2988	1625	878	1583	1679	2120	3114	3973	2019	3647	5576	6175	4091
26	1954 Federal Report Surplus Deficit	2858	2856	2789	1287	2444	2605	3964	4253	4564	3504	4091	5564	5914	4564
27	1955 Federal Report Surplus Deficit	3456	4156	4321	1425	3049	2585	2074	1315	1972	1703	3294	5480	6101	4613
28	1956 Federal Report Surplus Deficit	3362	3443	2450	1668	3300	3802	4146	4671	4435	4279	4379	5668	6094	4265
29	1957 Federal Report Surplus Deficit	3348	3740	2838	1566	2133	2742	2828	943	4784	4481	4038	5742	6027	3856
30	1958 Federal Report Surplus Deficit	2915	2201	2646	1077	1918	2060	3030	3287	4245	3052	4363	5611	5852	3487
31	1959 Federal Report Surplus Deficit	2072	2181	2349	1152	2832	3569	4139	4446	4642	4163	3971	5361	5882	4383
32	1960 Federal Report Surplus Deficit	3500	3594	4376	3886	3488	3367	3435	3013	4463	4763	4405	5514	5767	3849
33	1961 Federal Report Surplus Deficit	2968	2299	2334	1406	2064	2264	3265	3962	4784	3693	3771	5499	5954	3739
34	1962 Federal Report Surplus Deficit	2911	2583	2296	918	2001	1978	3215	2910	2609	4593	4573	5549	5375	3704
35	1963 Federal Report Surplus Deficit	2697	2837	1903	1809	3039	3369	3271	3322	4269	2010	3476	5555	5510	3769
36	1964 Federal Report Surplus Deficit	2783	2292	3048	1037	1809	2238	2123	1966	2738	3886	3336	5552	6126	4472
37	1965 Federal Report Surplus Deficit	3394	3752	3580	2243	2839	3887	4022	4395	4234	3350	4427	5520	5577	3874
38	1966 Federal Report Surplus Deficit	3320	3673	2066	1625	2337	2405	2752	2578	3030	4577	3978	5205	5231	3963
39	1967 Federal Report Surplus Deficit	2936	2419	2577	902	1860	2529	3970	4169	4331	2812	1918	5376	5944	4288
40	1968 Federal Report Surplus Deficit	3274	3403	2919	1327	2631	2405	3652	3699	4459	1545	2952	4927	5583	4054
41	1969 Federal Report Surplus Deficit	3325	3704	3755	2320	3334	3076	3984	4099	4251	4380	4475	5634	5812	4009
42	1970 Federal Report Surplus Deficit	3095	2870	2721	1256	2285	1857	3015	2888	3786	2247	3344	5497	5885	3377
43	1971 Federal Report Surplus Deficit	2491	2146	2254	937	1792	2219	4042	4444	4746	4511	4404	5612	6106	4240
44	1972 Federal Report Surplus Deficit	3522	4171	3141	1721	2340	2681	4030	4367	4488	4486	4320	5573	6016	4461
45	1973 Federal Report Surplus Deficit	3389	4078	3364	1558	2429	2386	3013	1424	2722	720	2495	4994	3455	2464
46	1974 Federal Report Surplus Deficit	2036	1600	2005	1179	1788	3029	4148	4440	4349	4235	4290	5357	6100	4707
47	1975 Federal Report Surplus Deficit	3401	4103	3331	867	1816	1852	3468	3321	4411	2024	3240	5549	6008	4435
48	1976 Federal Report Surplus Deficit	3344	3746	3354	2540	3454	4154	4138	4465	4486	4521	4425	5638	5766	4313
49	1977 Federal Report Surplus Deficit	3492	4211	4686	1701	2000	1513	1287	1184	1581	675	2346	3119	1208	2122
50	1978 Federal Report Surplus Deficit	1735	1530	1309	313	1168	2890	2788	2427	4289	4516	3964	5340	5054	3966
51	1979 Federal Report Surplus Deficit	2353	2160	3711	1822	2341	1740	1520	1859	4217	2034	3637	5570	4922	1919
52	1980 Federal Report Surplus Deficit	1369	1828	2481	875	1708	1497	2300	770	2827	2461	4175	5647	5644	3222
53	1981 Federal Report Surplus Deficit	1692	1420	2658	1294	2049	3305	3872	4146	4297	838	3419	5542	5951	4085
54	1982 Federal Report Surplus Deficit	3511	3748	2989	1271	2595	2361	3794	4499	4584	4587	4278	5495	6036	4676

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3499	4126	3870	2415	2700	2774	4067	4047	4844	4048	4144	5498	5796	4168
56	1984 Federal Report Surplus Deficit	3386	3874	3249	1424	3535	3020	3753	3812	4929	4751	4520	5566	6061	4156
57	1985 Federal Report Surplus Deficit	3389	2804	3259	1470	2613	2404	2658	2336	2689	3378	4342	5556	5152	885
58	1986 Federal Report Surplus Deficit	638	1328	2489	1412	3026	2568	3207	4279	4984	4644	4480	5443	5556	3653
59	1987 Federal Report Surplus Deficit	2339	2072	1963	862	2125	2502	1858	968	3996	1227	3202	5481	4660	2389
60	1988 Federal Report Surplus Deficit	1595	1294	2048	1010	1451	1483	501	-152	2377	1132	3044	4817	3764	3138
61	1989 Federal Report Surplus Deficit	2449	2063	2317	1055	1639	2126	439	83.1	3741	4167	4482	5471	4933	2938
62	1990 Federal Report Surplus Deficit	1671	1626	2240	1129	2349	2768	3616	3684	4547	2985	4447	5458	5834	3841
63	1991 Federal Report Surplus Deficit	3386	3266	2392	811	3415	3191	3929	4141	4196	3928	3872	5551	5594	4213
64	1992 Federal Report Surplus Deficit	3472	3594	2341	998	1833	1494	1286	1395	4251	727	2291	4859	2870	2241
65	1993 Federal Report Surplus Deficit	1815	1564	1809	1166	1840	1841	5.82	-421	2873	2139	2821	5554	5222	3387
66	1994 Federal Report Surplus Deficit	2621	2379	3026	1136	2116	1974	340	397	1519	1090	3106	5306	4800	2901
67	1995 Federal Report Surplus Deficit	2293	1663	2398	1098	1116	1916	849	3466	4812	2363	3269	5492	5757	3645
68	1996 Federal Report Surplus Deficit	2211	2208	3149	2305	3512	4149	4021	4514	4573	4581	4611	5567	5772	4277
69	1997 Federal Report Surplus Deficit	3459	3695	2853	1171	2511	3086	4049	4183	4460	4274	4455	5569	6028	4395
70	1998 Federal Report Surplus Deficit	3491	4162	3857	3680	3312	2419	2557	3305	3709	1812	4032	5565	5942	3931
71	1999 Federal Report Surplus Deficit	3475	3108	2496	1001	1730	2718	4026	4327	4580	3880	4479	5587	5998	4505
72	2000 Federal Report Surplus Deficit	3569	4246	3318	1415	3515	3379	3370	3187	4589	4539	4461	5567	4640	3821
73	2001 Federal Report Surplus Deficit	3047	1778	2038	1171	1519	1652	1151	910	2025	888	2363	4266	1047	2618
74	2002 Federal Report Surplus Deficit	1811	1447	1373	127	1138	1820	550	968	3513	2764	4378	5483	5907	4227
75	2003 Federal Report Surplus Deficit	1699	2193	2456	1140	2050	1878	585	1099	4468	2811	3805	5391	5635	2830
76	2004 Federal Report Surplus Deficit	1674	1647	1863	1325	2815	1967	732	578	4179	2245	3453	5371	4769	2991
77	2005 Federal Report Surplus Deficit	1067	1679	3323	1688	2332	2590	2550	2618	2738	1219	3041	5313	5050	3505
78	2006 Federal Report Surplus Deficit	2345	1968	2427	915	2251	2426	3231	3791	4553	4618	4581	5517	5921	3878
79	2007 Federal Report Surplus Deficit	2888	1566	1636	918	2022	2482	3453	1830	4974	4208	3868	5554	4713	3963
80	2008 Federal Report Surplus Deficit	2132	1628	1495	1131	2548	1729	1837	1281	3203	2401	2124	5493	6163	4064

Ranked Averages

81	**Bottom 10 pct**	**1295**	**1523**	**2284**	**1209**	**2074**	**2113**	**2232**	**2089**	**3615**	**2504**	**3680**	**5327**	**5079**	**3518**
82	**Middle 80 pct**	**2699**	**2594**	**2565**	**1329**	**2185**	**2440**	**2578**	**2548**	**3768**	**3027**	**3604**	**5365**	**5243**	**3558**
83	**Top 10 pct**	**3507**	**3921**	**3591**	**2136**	**2710**	**2652**	**3321**	**3491**	**4105**	**3599**	**4058**	**5240**	**5175**	**3942**

Federal Report Surplus Deficit By Water Year

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2602	2624	2370	1091	1372	1646	1026	770	1276	1134	2315	3384	3584	1260
2	1930 Federal Report Surplus Deficit	2598	1967	2726	1243	1565	1732	18.8	954	1222	2017	3528	3344	961	3267
3	1931 Federal Report Surplus Deficit	2953	1915	2166	1217	1749	1672	132	-165	897	957	-1025	4006	1318	3508
4	1932 Federal Report Surplus Deficit	2431	1306	1904	1017	944	1658	3.99	-370	3102	4839	4411	4492	4910	4319
5	1933 Federal Report Surplus Deficit	2717	3148	2875	1412	1607	2233	3185	3233	3623	2837	3625	4341	5102	4613
6	1934 Federal Report Surplus Deficit	3316	3432	2694	2050	3135	4141	4032	4116	4413	4583	4425	4285	4337	3608
7	1935 Federal Report Surplus Deficit	2435	1565	1765	1361	1091	1676	3059	3152	3659	1473	3640	4175	4042	4332
8	1936 Federal Report Surplus Deficit	3387	2342	2059	1042	1366	1662	284	600	1529	2077	4361	4501	4823	3419
9	1937 Federal Report Surplus Deficit	2587	1856	2090	896	1686	1650	359	-20.8	1053	1397	208	3894	2914	2096
10	1938 Federal Report Surplus Deficit	2715	1952	2262	1272	1267	1917	2780	2937	4150	4322	4616	4450	4577	4283
11	1939 Federal Report Surplus Deficit	2426	1674	2727	1429	1146	1674	1565	1342	2560	3071	4196	4374	2663	3160
12	1940 Federal Report Surplus Deficit	2562	1697	2213	1547	2151	1940	1235	914	4600	3266	3799	4327	2836	2794
13	1941 Federal Report Surplus Deficit	2107	1226	2119	1145	1566	1888	879	682	2122	970	2303	3925	2797	3458
14	1942 Federal Report Surplus Deficit	2364	1722	2738	1162	2056	2742	2359	1382	3235	2026	3621	4008	4051	4335
15	1943 Federal Report Surplus Deficit	3133	2721	3266	1017	496	2019	3297	3562	4012	4927	4710	4346	5107	4593
16	1944 Federal Report Surplus Deficit	2998	2347	2258	1081	1588	1635	1033	830	934	1198	2385	2785	233	2563
17	1945 Federal Report Surplus Deficit	2330	1231	1915	1449	1384	1566	285	445	1102	1200	-913	4423	4625	1727
18	1946 Federal Report Surplus Deficit	2875	1668	1714	1095	1708	2155	2248	1925	4298	4566	4592	4476	4434	4444
19	1947 Federal Report Surplus Deficit	3359	3291	2826	982	2136	3795	3780	3919	4305	3990	4021	4459	4543	4356
20	1948 Federal Report Surplus Deficit	3231	3029	2608	3536	3058	2944	3623	3556	3442	3390	4393	4654	5060	4469
21	1949 Federal Report Surplus Deficit	3326	3607	3216	1409	2010	2020	2203	1389	4557	3905	4540	4569	4745	2073
22	1950 Federal Report Surplus Deficit	1598	1036	1596	1200	1112	2025	3526	3839	4381	4799	4414	4466	5111	4727
23	1951 Federal Report Surplus Deficit	3317	3339	2846	2261	3145	3860	3936	4423	4343	4649	4403	4437	4642	4464
24	1952 Federal Report Surplus Deficit	3453	2960	2641	3138	2756	2971	3440	3823	3970	4864	4700	4612	4744	4326
25	1953 Federal Report Surplus Deficit	3221	2915	1614	950	1443	1680	1840	2898	3386	2082	3570	4456	5129	4432
26	1954 Federal Report Surplus Deficit	3162	2796	2669	1324	2257	2494	3493	3962	4282	3601	4055	4473	4954	4663
27	1955 Federal Report Surplus Deficit	3436	3666	4269	1473	2806	2474	1791	1186	1481	1795	3213	4340	5108	4707
28	1956 Federal Report Surplus Deficit	3291	3281	2350	1693	3023	3805	4028	4428	4198	4424	4501	4617	5097	4501
29	1957 Federal Report Surplus Deficit	3320	3480	2730	1618	1968	2644	2434	853	4318	4651	3985	4617	4981	4265
30	1958 Federal Report Surplus Deficit	3192	2139	2532	1131	1748	2004	2633	3063	3711	3122	4353	4579	4912	3833
31	1959 Federal Report Surplus Deficit	3077	2014	2254	1212	2624	3551	3892	4109	4435	4306	3898	4234	4924	4549
32	1960 Federal Report Surplus Deficit	3428	3392	4226	3811	3148	3345	2958	2860	3937	4930	4394	4371	4849	4219
33	1961 Federal Report Surplus Deficit	3217	2231	2242	1425	1892	2169	2837	3683	4515	3813	3674	4410	4970	4106
34	1962 Federal Report Surplus Deficit	3182	2546	2196	979	1827	1937	2787	2693	2045	4753	4600	4444	4460	4063
35	1963 Federal Report Surplus Deficit	3004	2782	1864	1828	2796	3335	2951	2864	3742	2084	3397	4406	4606	4140
36	1964 Federal Report Surplus Deficit	3064	2251	2933	1097	1655	2146	1837	1796	2164	4010	3254	4411	5128	4612
37	1965 Federal Report Surplus Deficit	3332	3452	3524	2268	2608	3899	3960	4375	4051	3437	4452	4464	4644	4248
38	1966 Federal Report Surplus Deficit	3311	3409	1983	1637	2154	2285	2383	2373	2439	4756	3922	4141	4312	4328
39	1967 Federal Report Surplus Deficit	3183	2378	2463	956	1701	2408	3778	3992	4153	2891	1955	4233	4943	4501
40	1968 Federal Report Surplus Deficit	3393	3252	2800	1362	2441	2291	3190	3441	3973	1646	2871	3945	4664	4395
41	1969 Federal Report Surplus Deficit	3362	3400	3753	2333	3044	2999	3925	4033	4070	4524	4498	4598	4889	4369
42	1970 Federal Report Surplus Deficit	3269	2822	2607	1303	2097	1843	2621	2787	3079	2295	3263	4355	4932	3708
43	1971 Federal Report Surplus Deficit	2906	2061	2164	990	1641	2133	3983	4244	4561	4654	4402	4570	5106	4499
44	1972 Federal Report Surplus Deficit	3464	3709	3024	1736	2146	2560	3935	4346	4304	4631	4294	4566	5032	4612
45	1973 Federal Report Surplus Deficit	3339	3589	3279	1587	2227	2285	2617	1288	2146	900	2422	3993	2260	2692
46	1974 Federal Report Surplus Deficit	2562	1452	1913	1201	1640	2951	4087	4214	4165	4380	4412	4522	5098	4782
47	1975 Federal Report Surplus Deficit	3330	3613	3232	943	1663	1854	3019	3089	3867	2077	3159	4445	5024	4580
48	1976 Federal Report Surplus Deficit	3341	3460	3284	2550	3135	4170	3997	4214	4304	4665	4424	4600	4841	4519
49	1977 Federal Report Surplus Deficit	3538	3721	4476	1719	1821	1516	1096	1058	1145	873	2278	2692	-405	2315
50	1978 Federal Report Surplus Deficit	2312	1369	1304	472	898	2834	2396	2259	3755	4694	3911	4243	4126	4334
51	1979 Federal Report Surplus Deficit	2791	2084	3710	1845	2152	1760	1320	1701	3648	2107	3557	4447	3956	2085
52	1980 Federal Report Surplus Deficit	2010	1706	2379	938	1556	1607	1991	691	2245	2514	4158	4596	4706	3542
53	1981 Federal Report Surplus Deficit	2263	1221	2539	1332	1866	3267	3429	3849	3775	1070	3293	4400	4936	4365
54	1982 Federal Report Surplus Deficit	3441	3497	2869	1321	2394	2256	3332	4428	4400	4757	4244	4435	5030	4727

Federal Report Surplus Deficit By Water Year

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2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3452	3692	3861	2433	2490	2673	3617	3763	4659	4169	4096	4395	4859	4466
56	1984 Federal Report Surplus Deficit	3325	3513	3164	1443	3203	2928	3292	3548	4495	4927	4557	4466	5073	4458
57	1985 Federal Report Surplus Deficit	3441	2750	3171	1511	2411	2293	2239	2147	2117	3464	4334	4471	4225	941
58	1986 Federal Report Surplus Deficit	1389	1024	2386	1446	2786	2442	2789	4026	4664	4812	4521	4295	4654	4015
59	1987 Federal Report Surplus Deficit	2804	1990	1891	951	1945	2384	1609	871	3423	1399	3114	4334	3679	2612
60	1988 Federal Report Surplus Deficit	2192	1035	1977	1048	1311	1593	504	-136	1836	1328	2963	3877	2584	3441
61	1989 Federal Report Surplus Deficit	2866	1989	2227	1110	1501	2053	457	70.2	3140	4295	4506	4323	3968	3217
62	1990 Federal Report Surplus Deficit	2269	1448	2160	1168	2147	2667	3125	3366	4091	3072	4448	4312	4911	4210
63	1991 Federal Report Surplus Deficit	3425	3151	2297	888	3094	3148	3650	3811	3648	4035	3811	4408	4682	4413
64	1992 Federal Report Surplus Deficit	3415	3390	2274	1048	1675	1599	1113	1261	3726	907	2223	3896	1575	2447
65	1993 Federal Report Surplus Deficit	2376	1419	1733	1187	1675	1825	111	-373	2299	2205	2744	4416	4283	3716
66	1994 Federal Report Surplus Deficit	3005	2316	2901	1189	1923	1909	375	349	1105	1290	3015	4183	3839	3177
67	1995 Federal Report Surplus Deficit	2763	1526	2280	1130	980	1883	789	3234	4405	2418	3188	4345	4824	4003
68	1996 Federal Report Surplus Deficit	2704	2144	3062	2312	3162	4140	3961	4430	4389	4725	4646	4508	4827	4464
69	1997 Federal Report Surplus Deficit	3419	3464	2738	1212	2308	3004	3987	4162	4276	4419	4577	4514	5046	4524
70	1998 Federal Report Surplus Deficit	3437	3696	3846	3667	3021	2312	2216	3073	3111	1896	3969	4528	4968	4301
71	1999 Federal Report Surplus Deficit	3498	3046	2396	1060	1586	2601	3932	4305	4395	3994	4478	4456	5020	4638
72	2000 Federal Report Surplus Deficit	3545	3768	3252	1428	3176	3343	2936	2962	4094	4691	4483	4469	3613	4190
73	2001 Federal Report Surplus Deficit	3271	1631	1974	1224	1385	1663	987	812	1521	1105	2295	3499	-617	2858
74	2002 Federal Report Surplus Deficit	2375	1232	1368	304	934	1819	543	866	2910	2819	4382	4336	4940	4515
75	2003 Federal Report Surplus Deficit	2310	2096	2360	1177	1862	1854	571	989	3948	2867	3736	4245	4726	3095
76	2004 Federal Report Surplus Deficit	2282	1458	1809	1347	2585	1926	686	515	3637	2304	3373	4245	3800	3272
77	2005 Federal Report Surplus Deficit	1740	1533	3260	1708	2154	2485	2180	2410	2157	1359	2960	4164	4102	3839
78	2006 Federal Report Surplus Deficit	2833	1845	2335	973	2058	2311	2814	3487	4122	4796	4617	4456	4962	4258
79	2007 Federal Report Surplus Deficit	3198	1347	1625	981	1874	2364	3011	1668	4633	4350	3803	4417	3712	4332
80	2008 Federal Report Surplus Deficit	2651	1437	1490	1165	2339	1748	1590	1154	2603	2455	2068	4401	5128	4430

Ranked Averages

81	**Bottom 10 pct**	**1946**	**1279**	**2302**	**1248**	**1812**	**2247**	**2303**	**2341**	**3159**	**2490**	**3633**	**4254**	**4225**	**3950**
82	**Middle 80 pct**	**2987**	**2467**	**2508**	**1420**	**2012**	**2383**	**2296**	**2332**	**3346**	**3151**	**3572**	**4299**	**4232**	**3858**
83	**Top 10 pct**	**3479**	**3393**	**3211**	**1793**	**2347**	**2527**	**3066**	**3354**	**3635**	**3930**	**4113**	**4262**	**4015**	**3777**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2401	2558	2229	883	1312	1595	974	824	1568	821	2350	3897	4395	1000
2	1930 Federal Report Surplus Deficit	2394	1942	2609	1072	1532	1665	-272	1001	1495	1858	3571	3861	2138	2805
3	1931 Federal Report Surplus Deficit	2890	1882	2042	1066	1743	1659	-125	-222	1103	694	-1171	4832	2436	3021
4	1932 Federal Report Surplus Deficit	2192	1401	1728	841	868	1616	-329	-484	3538	4588	4323	5362	5621	3776
5	1933 Federal Report Surplus Deficit	2534	3140	2763	1268	1570	2295	3420	3438	3997	2696	3666	5300	5852	4180
6	1934 Federal Report Surplus Deficit	3710	3539	2578	1968	3287	4107	3888	4412	4448	4353	4337	5221	4980	3103
7	1935 Federal Report Surplus Deficit	2190	1579	1607	1232	1009	1567	3291	3353	4030	1255	3678	5098	4780	3790
8	1936 Federal Report Surplus Deficit	3655	2283	1878	834	1315	1616	18.0	636	1862	1929	4331	5382	5518	2929
9	1937 Federal Report Surplus Deficit	2377	1849	1925	651	1669	1625	179	-54.9	1286	1122	132	4646	3832	1753
10	1938 Federal Report Surplus Deficit	2577	1918	2119	1106	1198	1907	2991	3127	4417	4071	4517	5358	5266	3739
11	1939 Federal Report Surplus Deficit	2163	1707	2611	1287	1072	1570	1602	1444	2985	2926	4203	5332	3572	2709
12	1940 Federal Report Surplus Deficit	2405	1684	2084	1433	2191	1966	1241	970	4788	3107	3827	5274	3733	2379
13	1941 Federal Report Surplus Deficit	1778	1332	1985	984	1535	1879	774	730	2534	628	2340	4794	3685	2969
14	1942 Federal Report Surplus Deficit	2126	1720	2627	1012	2080	2832	2528	1486	3655	1868	3658	4921	4766	3825
15	1943 Federal Report Surplus Deficit	3222	2665	3141	805	995	2038	3533	3769	4356	4697	4591	5296	5888	4271
16	1944 Federal Report Surplus Deficit	2962	2283	2103	860	1548	1561	995	889	1140	923	2424	3024	1524	2173
17	1945 Federal Report Surplus Deficit	2089	1319	1768	1315	1333	1543	13.7	437	1332	873	-1078	5383	5314	1421
18	1946 Federal Report Surplus Deficit	2741	1705	1478	886	1679	2203	2394	2063	4465	4285	4483	5362	5133	3940
19	1947 Federal Report Surplus Deficit	3622	3348	2714	744	2158	3798	3777	4157	4341	3780	4039	5368	5230	3818
20	1948 Federal Report Surplus Deficit	3448	3003	2486	3429	3223	3029	3847	3772	3855	3222	4314	5442	5798	4039
21	1949 Federal Report Surplus Deficit	3724	3884	3102	1263	2019	2043	2372	1489	4648	3699	4447	5428	5431	1715
22	1950 Federal Report Surplus Deficit	1201	1235	1361	1019	1029	2068	3757	4065	4396	4516	4391	5399	5837	4333
23	1951 Federal Report Surplus Deficit	3651	3396	2734	2187	3316	3860	3791	4488	4358	4419	4324	5323	5329	4021
24	1952 Federal Report Surplus Deficit	3802	2919	2521	3054	2870	3055	3673	4041	4326	4583	4580	5426	5434	3783
25	1953 Federal Report Surplus Deficit	3432	2871	1384	711	1397	1637	1919	3076	3807	1936	3613	5389	5873	3916
26	1954 Federal Report Surplus Deficit	3180	2739	2550	1164	2297	2578	3726	4191	4396	3425	4069	5381	5648	4255
27	1955 Federal Report Surplus Deficit	3808	4055	4170	1332	2934	2563	1873	1277	1806	1620	3260	5291	5881	4311
28	1956 Federal Report Surplus Deficit	3697	3329	2211	1573	3181	3808	3943	4582	4213	4195	4344	5422	5814	4078
29	1957 Federal Report Surplus Deficit	3681	3630	2614	1495	1970	2733	2628	904	4613	4373	4004	5474	5739	3721
30	1958 Federal Report Surplus Deficit	3237	2094	2407	931	1732	2018	2829	3248	4079	2969	4326	5429	5638	3313
31	1959 Federal Report Surplus Deficit	3080	1981	2110	1030	2716	3586	3936	4375	4475	4041	3898	5175	5665	4132
32	1960 Federal Report Surplus Deficit	3834	3476	4251	3731	3302	3386	3192	3048	4297	4679	4314	5326	5549	3675
33	1961 Federal Report Surplus Deficit	3292	2179	2094	1285	1887	2222	3061	3896	4615	3610	3713	5317	5662	3563
34	1962 Federal Report Surplus Deficit	3234	2479	2056	758	1816	1936	2999	2871	2443	4472	4495	5362	5156	3529
35	1963 Federal Report Surplus Deficit	3019	2724	1662	1726	2921	3392	3185	3043	4103	1927	3442	5366	5293	3596
36	1964 Federal Report Surplus Deficit	3105	2188	2822	895	1624	2196	1922	1927	2572	3784	3301	5363	5861	4212
37	1965 Federal Report Surplus Deficit	3729	3642	3390	2198	2702	3889	3818	4354	4066	3274	4345	5318	5345	3701
38	1966 Federal Report Surplus Deficit	3652	3570	1827	1524	2192	2363	2552	2539	2864	4477	3944	5017	5014	3788
39	1967 Federal Report Surplus Deficit	3260	2314	2338	752	1675	2487	3766	4130	4166	2749	1976	5190	5660	4092
40	1968 Federal Report Surplus Deficit	3704	3289	2688	1220	2508	2369	3425	3647	4293	1462	2917	4738	5369	3880
41	1969 Federal Report Surplus Deficit	3655	3602	3576	2266	3206	3081	3782	4064	4082	4295	4397	5419	5585	3835
42	1970 Federal Report Surplus Deficit	3421	2766	2482	1125	2117	1815	2814	2969	3511	2152	3310	5308	5670	3205
43	1971 Federal Report Surplus Deficit	2808	2025	2015	781	1606	2177	3838	4402	4577	4376	4322	5388	5832	4065
44	1972 Federal Report Surplus Deficit	3856	4066	2914	1620	2167	2646	3828	4326	4319	4401	4261	5383	5747	4209
45	1973 Federal Report Surplus Deficit	3725	3977	3163	1461	2268	2346	2812	1386	2556	637	2461	4807	3234	2289
46	1974 Federal Report Surplus Deficit	2349	1494	1766	1039	1603	3037	3945	4400	4180	4149	4255	5167	5808	4378
47	1975 Federal Report Surplus Deficit	3736	4002	3120	705	1631	1810	3244	3283	4245	1929	3206	5367	5775	4246
48	1976 Federal Report Surplus Deficit	3676	3636	3167	2484	3306	4133	3936	4423	4318	4435	4342	5408	5540	4097
49	1977 Federal Report Surplus Deficit	3845	4110	4541	1610	1815	1471	1086	1145	1415	592	2312	2930	988	1948
50	1978 Federal Report Surplus Deficit	2068	1425	1068	136	982	2924	2567	2416	4122	4412	3927	5160	4834	3792
51	1979 Federal Report Surplus Deficit	2669	2039	3536	1750	2182	1698	1319	1821	4051	1951	3600	5382	4702	1744
52	1980 Federal Report Surplus Deficit	1674	1723	2241	708	1522	1454	2099	732	2661	2378	4141	5411	5422	3048
53	1981 Federal Report Surplus Deficit	2002	1314	2422	1179	1865	3331	3653	4085	4131	754	3339	5354	5692	3910
54	1982 Federal Report Surplus Deficit	3845	3636	2758	1151	2457	2319	3569	4457	4415	4475	4244	5302	5788	4409

Federal Report Surplus Deficit By Water Year

Operating Year 2020

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3857	4019	3695	2365	2561	2763	3846	3977	4675	3930	4110	5311	5565	3992
56	1984 Federal Report Surplus Deficit	3720	3766	3052	1295	3373	3016	3527	3754	4744	4649	4462	5380	5813	3983
57	1985 Federal Report Surplus Deficit	3719	2686	3059	1361	2468	2362	2397	2298	2523	3295	4300	5367	4943	710
58	1986 Federal Report Surplus Deficit	969	1222	2251	1288	2905	2526	2995	4253	4818	4561	4420	5256	5342	3484
59	1987 Federal Report Surplus Deficit	2654	1967	1723	718	1942	2462	1657	929	3831	1144	3162	5292	4439	2214
60	1988 Federal Report Surplus Deficit	1903	1188	1809	866	1265	1441	300	-190	2211	1049	3010	4629	3544	2963
61	1989 Federal Report Surplus Deficit	2766	1958	2077	916	1454	2084	238	44.5	3575	4044	4400	5283	4714	2763
62	1990 Federal Report Surplus Deficit	2003	1521	2000	983	2184	2757	3360	3576	4397	2925	4373	5272	5578	3667
63	1991 Federal Report Surplus Deficit	3716	3151	2153	646	3265	3219	3725	4043	4025	3804	3819	5363	5374	3978
64	1992 Federal Report Surplus Deficit	3822	3482	2128	842	1648	1451	1085	1357	4085	644	2257	4671	2650	2066
65	1993 Federal Report Surplus Deficit	2125	1459	1569	1035	1655	1799	-195	-460	2707	2056	2787	5366	5002	3212
66	1994 Federal Report Surplus Deficit	2940	2261	2787	1008	1931	1932	140	359	1353	1007	3062	5118	4578	2726
67	1995 Federal Report Surplus Deficit	2608	1557	2159	965	931	1873	649	3427	4635	2280	3235	5305	5539	3471
68	1996 Federal Report Surplus Deficit	2525	2103	2952	2242	3326	4106	3819	4473	4405	4496	4534	5376	5543	4044
69	1997 Federal Report Surplus Deficit	3821	3593	2621	1030	2352	3089	3845	4141	4291	4188	4420	5320	5781	4119
70	1998 Federal Report Surplus Deficit	3824	4057	3680	3555	3179	2377	2357	3267	3543	1729	3997	5374	5723	3757
71	1999 Federal Report Surplus Deficit	3806	3004	2257	840	1544	2689	3822	4286	4411	3765	4404	5400	5746	4223
72	2000 Federal Report Surplus Deficit	3907	4141	3136	1282	3339	3403	3159	3148	4423	4409	4385	5383	4420	3646
73	2001 Federal Report Surplus Deficit	3371	1672	1798	1044	1334	1610	950	872	1859	805	2328	4077	827	2444
74	2002 Federal Report Surplus Deficit	2121	1341	1133	-49.8	953	1778	349	930	3347	2681	4338	5295	5650	4066
75	2003 Federal Report Surplus Deficit	2006	2071	2217	1011	1865	1836	385	1061	4302	2728	3770	5203	5411	2679
76	2004 Federal Report Surplus Deficit	1982	1541	1624	1213	2695	1925	531	540	4013	2162	3419	5183	4551	2816
77	2005 Federal Report Surplus Deficit	1370	1573	3133	1603	2185	2571	2349	2579	2572	1134	3007	5125	4830	3330
78	2006 Federal Report Surplus Deficit	2659	1862	2188	769	2076	2384	3030	3692	4402	4517	4508	5321	5656	3746
79	2007 Federal Report Surplus Deficit	3210	1461	1396	758	1867	2440	3241	1791	4806	4097	3833	5366	4493	3788
80	2008 Federal Report Surplus Deficit	2445	1522	1254	1005	2406	1686	1636	1242	3037	2318	2090	5306	5880	3889

Ranked Averages

81	**Bottom 10 pct**	**1610**	**1391**	**2103**	**1108**	**1875**	**2149**	**2057**	**2099**	**3417**	**2148**	**3508**	**5144**	**4863**	**3357**
82	**Middle 80 pct**	**3036**	**2480**	**2335**	**1205**	**2021**	**2423**	**2410**	**2542**	**3606**	**3019**	**3607**	**5181**	**5055**	**3401**
83	**Top 10 pct**	**3849**	**3873**	**3388**	**2019**	**2559**	**2477**	**2765**	**3090**	**3897**	**3107**	**3735**	**4960**	**4554**	**3463**

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2294	2797	2313	808	1174	1177	741	564	1304	817	2181	3030	3402	1101
2	1930 Federal Report Surplus Deficit	2290	2140	2669	959	1367	1263	-266	748	1250	1699	3394	2991	779	3107
3	1931 Federal Report Surplus Deficit	2646	2088	2110	934	1552	1203	-153	-371	925	639	-1159	3652	1136	3349
4	1932 Federal Report Surplus Deficit	2124	1480	1847	734	747	1189	-281	-575	3131	4521	4222	4137	4726	4160
5	1933 Federal Report Surplus Deficit	2409	3321	2818	1129	1409	1764	2900	3027	3651	2520	3491	3988	4904	4422
6	1934 Federal Report Surplus Deficit	3009	3605	2638	1767	2938	3672	3759	3911	4442	4279	4239	3927	4107	3449
7	1935 Federal Report Surplus Deficit	2128	1738	1708	1078	893	1207	2774	2947	3688	1155	3505	3821	3861	4173
8	1936 Federal Report Surplus Deficit	3079	2515	2003	759	1168	1193	-1.33	395	1557	1760	4226	4148	4638	3252
9	1937 Federal Report Surplus Deficit	2280	2030	2033	612	1488	1181	73.7	-226	1081	1080	73.7	3541	2733	1937
10	1938 Federal Report Surplus Deficit	2407	2125	2205	988	1069	1448	2495	2731	4179	3993	4438	4095	4395	4124
11	1939 Federal Report Surplus Deficit	2119	1847	2670	1146	949	1205	1280	1136	2588	2753	4062	4021	2481	3001
12	1940 Federal Report Surplus Deficit	2255	1870	2156	1263	1954	1470	949	709	4628	2948	3665	3974	2655	2635
13	1941 Federal Report Surplus Deficit	1800	1399	2062	862	1369	1419	594	477	2151	652	2168	3572	2616	3299
14	1942 Federal Report Surplus Deficit	2056	1895	2681	878	1858	2272	2074	1177	3263	1709	3486	3654	3870	4176
15	1943 Federal Report Surplus Deficit	2825	2894	3209	734	298	1550	3012	3356	4040	4623	4536	3993	4915	4429
16	1944 Federal Report Surplus Deficit	2691	2520	2201	798	1390	1166	748	624	962	880	2251	2432	51.3	2404
17	1945 Federal Report Surplus Deficit	2023	1404	1858	1165	1186	1097	-0.05	239	1131	883	-1048	4070	4444	1567
18	1946 Federal Report Surplus Deficit	2568	1842	1657	811	1510	1686	1963	1719	4327	4241	4414	4110	4252	4285
19	1947 Federal Report Surplus Deficit	3051	3464	2769	698	1939	3326	3495	3713	4333	3672	3887	4106	4361	4197
20	1948 Federal Report Surplus Deficit	2924	3202	2551	3253	2861	2475	3338	3350	3471	3072	4207	4237	4847	4310
21	1949 Federal Report Surplus Deficit	3018	3780	3160	1126	1813	1551	1918	1183	4585	3583	4358	4214	4560	1903
22	1950 Federal Report Surplus Deficit	1291	1209	1539	916	914	1556	3241	3633	4423	4473	4278	4105	4897	4500
23	1951 Federal Report Surplus Deficit	3009	3513	2790	1978	2947	3391	3663	4217	4384	4345	4211	4070	4460	4302
24	1952 Federal Report Surplus Deficit	3146	3133	2584	2854	2558	2502	3155	3618	3998	4540	4521	4220	4562	4167
25	1953 Federal Report Surplus Deficit	2914	3088	1557	667	1245	1211	1555	2692	3415	1764	3436	4101	4908	4273
26	1954 Federal Report Surplus Deficit	2855	2970	2612	1040	2059	2024	3208	3756	4310	3283	3921	4113	4742	4419
27	1955 Federal Report Surplus Deficit	3131	3840	4203	1189	2609	2005	1506	980	1510	1477	3079	3986	4919	4488
28	1956 Federal Report Surplus Deficit	2984	3454	2294	1410	2825	3336	3743	4222	4240	4120	4382	4215	4876	4334
29	1957 Federal Report Surplus Deficit	3012	3653	2674	1334	1770	2174	2149	648	4347	4325	3851	4263	4759	4106
30	1958 Federal Report Surplus Deficit	2884	2312	2476	848	1551	1535	2348	2857	3739	2805	4218	4224	4729	3669
31	1959 Federal Report Surplus Deficit	2770	2188	2197	929	2426	3082	3607	3904	4464	3978	3734	3872	4738	4346
32	1960 Federal Report Surplus Deficit	3121	3565	4161	3528	2951	2876	2673	2655	3966	4613	4197	4018	4665	4059
33	1961 Federal Report Surplus Deficit	2909	2404	2185	1142	1695	1699	2552	3478	4543	3495	3540	4048	4746	3947
34	1962 Federal Report Surplus Deficit	2874	2719	2139	696	1629	1468	2502	2487	2074	4430	4418	4089	4279	3904
35	1963 Federal Report Surplus Deficit	2696	2955	1808	1545	2598	2866	2666	2658	3771	1767	3262	4052	4424	3980
36	1964 Federal Report Surplus Deficit	2756	2424	2876	814	1457	1677	1552	1590	2193	3692	3120	4057	4908	4396
37	1965 Federal Report Surplus Deficit	3025	3625	3467	1984	2411	3430	3688	4182	4092	3119	4275	4088	4460	4087
38	1966 Federal Report Surplus Deficit	3004	3582	1926	1354	1957	1816	2098	2168	2467	4434	3787	3788	4130	4169
39	1967 Federal Report Surplus Deficit	2876	2551	2406	672	1504	1939	3493	3786	4195	2573	1820	3879	4723	4331
40	1968 Federal Report Surplus Deficit	3085	3425	2743	1079	2243	1822	2905	3236	4002	1329	2737	3591	4480	4236
41	1969 Federal Report Surplus Deficit	3054	3573	3696	2050	2846	2529	3653	3827	4112	4220	4321	4204	4705	4209
42	1970 Federal Report Surplus Deficit	2962	2995	2550	1019	1899	1374	2336	2581	3108	1978	3129	4001	4749	3549
43	1971 Federal Report Surplus Deficit	2599	2234	2107	706	1444	1663	3711	4038	4603	4327	4217	4172	4886	4340
44	1972 Federal Report Surplus Deficit	3156	3882	2967	1453	1948	2091	3650	4152	4346	4327	4128	4169	4813	4400
45	1973 Federal Report Surplus Deficit	3034	3762	3222	1304	2030	1815	2332	1083	2174	583	2287	3640	2078	2532
46	1974 Federal Report Surplus Deficit	2254	1625	1856	918	1443	2482	3814	4008	4207	4075	4292	4143	4878	4528
47	1975 Federal Report Surplus Deficit	3022	3786	3175	660	1465	1385	2733	2884	3895	1760	3024	4087	4827	4417
48	1976 Federal Report Surplus Deficit	3033	3633	3227	2267	2938	3701	3712	4008	4345	4361	4233	4198	4657	4342
49	1977 Federal Report Surplus Deficit	3249	3894	4409	1436	1624	1047	811	853	1174	555	2144	2338	-587	2155
50	1978 Federal Report Surplus Deficit	2004	1542	1247	188	700	2365	2111	2053	3784	4369	3777	3882	3944	4175
51	1979 Federal Report Surplus Deficit	2484	2258	3653	1562	1955	1291	1035	1496	3677	1789	3423	4093	3775	1926
52	1980 Federal Report Surplus Deficit	1703	1879	2322	654	1359	1137	1705	486	2273	2196	4024	4205	4522	3376
53	1981 Federal Report Surplus Deficit	1955	1394	2482	1048	1668	2798	3144	3644	3804	753	3159	4046	4727	4201
54	1982 Federal Report Surplus Deficit	3133	3670	2812	1038	2196	1787	3047	4223	4441	4433	4110	4071	4828	4510

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3144	3865	3804	2150	2292	2204	3332	3557	4701	3839	3962	4041	4675	4307
56	1984 Federal Report Surplus Deficit	3018	3686	3107	1159	3006	2459	3007	3342	4524	4600	4397	4112	4876	4299
57	1985 Federal Report Surplus Deficit	3134	2924	3114	1228	2214	1824	1954	1941	2146	3147	4196	4117	4043	782
58	1986 Federal Report Surplus Deficit	1082	1197	2330	1162	2589	1973	2504	3821	4693	4494	4352	3942	4472	3855
59	1987 Federal Report Surplus Deficit	2497	2163	1834	667	1747	1915	1324	665	3452	1081	2980	3981	3497	2453
60	1988 Federal Report Surplus Deficit	1884	1208	1920	765	1114	1124	219	-341	1864	1010	2829	3524	2403	3282
61	1989 Federal Report Surplus Deficit	2559	2162	2171	826	1304	1584	172	-135	3169	3966	4325	3970	3786	3058
62	1990 Federal Report Surplus Deficit	1961	1621	2103	884	1950	2198	2840	3160	4119	2755	4268	3959	4695	4051
63	1991 Federal Report Surplus Deficit	3118	3324	2240	605	2897	2679	3365	3605	3676	3718	3657	4055	4501	4226
64	1992 Federal Report Surplus Deficit	3108	3563	2217	765	1477	1130	828	1055	3755	589	2088	3542	1394	2288
65	1993 Federal Report Surplus Deficit	2069	1592	1677	903	1478	1356	-174	-579	2328	1887	2610	4062	4101	3557
66	1994 Federal Report Surplus Deficit	2698	2490	2844	905	1725	1440	89.6	144	1133	972	2881	3830	3658	3018
67	1995 Federal Report Surplus Deficit	2456	1700	2223	846	782	1413	504	3028	4434	2101	3053	3992	4640	3841
68	1996 Federal Report Surplus Deficit	2396	2317	3005	2029	2964	3671	3689	4225	4431	4421	4468	4149	4644	4275
69	1997 Federal Report Surplus Deficit	3111	3637	2682	929	2111	2535	3714	3968	4318	4114	4456	4105	4827	4312
70	1998 Federal Report Surplus Deficit	3130	3869	3789	3384	2824	1842	1931	2868	3140	1578	3835	4172	4784	4142
71	1999 Federal Report Surplus Deficit	3191	3219	2339	777	1389	2131	3647	4104	4437	3669	4299	4102	4829	4435
72	2000 Federal Report Surplus Deficit	3240	3941	3195	1145	2979	2874	2651	2757	4122	4366	4302	4111	3431	4031
73	2001 Federal Report Surplus Deficit	2964	1805	1917	941	1187	1194	702	606	1549	787	2161	3145	-798	2699
74	2002 Federal Report Surplus Deficit	2067	1405	1312	20.4	736	1350	258	660	2938	2501	4247	3983	4728	4361
75	2003 Federal Report Surplus Deficit	2003	2269	2303	893	1664	1384	285	783	3976	2549	3602	3891	4541	2958
76	2004 Federal Report Surplus Deficit	1974	1631	1752	1063	2388	1457	401	310	3666	1986	3238	3892	3618	3113
77	2005 Federal Report Surplus Deficit	1432	1706	3204	1424	1956	2016	1895	2205	2186	1041	2826	3811	3920	3680
78	2006 Federal Report Surplus Deficit	2525	2018	2279	690	1861	1842	2529	3281	4150	4474	4437	4101	4747	4131
79	2007 Federal Report Surplus Deficit	2891	1520	1569	698	1677	1895	2726	1462	4662	4027	3668	4064	3531	4173
80	2008 Federal Report Surplus Deficit	2343	1610	1433	882	2142	1279	1305	948	2632	2137	1934	4047	4913	4271

Ranked Averages

81	**Bottom 10 pct**	**1639**	**1452**	**2245**	**964**	**1615**	**1778**	**2018**	**2136**	**3189**	**2172**	**3488**	**3895**	**4031**	**3781**
82	**Middle 80 pct**	**2679**	**2641**	**2451**	**1136**	**1815**	**1914**	**2013**	**2126**	**3376**	**2833**	**3424**	**3939**	**4040**	**3691**
83	**Top 10 pct**	**3174**	**3566**	**3153**	**1510**	**2150**	**2057**	**2781**	**3151**	**3671**	**3609**	**3958**	**3896**	**3824**	**3598**

Federal Report Surplus Deficit By Water Year

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	1978	2605	2139	629	1230	1484	716	490	1463	769	2342	3727	4335	1003
2	1930 Federal Report Surplus Deficit	1971	1989	2519	817	1450	1554	-530	666	1387	1807	3564	3688	2079	2809
3	1931 Federal Report Surplus Deficit	2467	1929	1952	818	1667	1552	-380	-551	1003	648	-1173	4669	2382	3027
4	1932 Federal Report Surplus Deficit	1769	1449	1638	591	789	1505	-586	-819	3434	4540	4318	5196	5562	3781
5	1933 Federal Report Surplus Deficit	2111	3188	2673	1016	1490	2184	3163	3104	3894	2647	3661	5136	5795	4185
6	1934 Federal Report Surplus Deficit	3287	3586	2487	1720	3215	3999	3648	4083	4361	4328	4335	5056	4927	3110
7	1935 Federal Report Surplus Deficit	1767	1626	1516	982	930	1456	3033	3018	3923	1207	3674	4932	4722	3796
8	1936 Federal Report Surplus Deficit	3232	2331	1788	579	1233	1506	-239	301	1760	1881	4327	5215	5459	2933
9	1937 Federal Report Surplus Deficit	1954	1896	1835	399	1591	1514	-79.5	-389	1183	1074	129	4480	3774	1757
10	1938 Federal Report Surplus Deficit	2154	1965	2028	854	1116	1796	2734	2793	4327	4022	4512	5188	5205	3742
11	1939 Federal Report Surplus Deficit	1740	1754	2521	1033	990	1459	1344	1111	2882	2878	4199	5164	3515	2715
12	1940 Federal Report Surplus Deficit	1982	1732	1994	1182	2110	1854	983	637	4684	3058	3822	5105	3675	2385
13	1941 Federal Report Surplus Deficit	1355	1379	1894	733	1457	1767	516	397	2430	578	2335	4626	3626	2973
14	1942 Federal Report Surplus Deficit	1703	1768	2537	762	1998	2721	2270	1151	3551	1818	3652	4754	4707	3828
15	1943 Federal Report Surplus Deficit	2799	2713	3051	550	914	1928	3277	3435	4251	4661	4583	5123	5823	4273
16	1944 Federal Report Surplus Deficit	2539	2330	2013	607	1469	1450	738	555	1036	873	2418	2857	1465	2178
17	1945 Federal Report Surplus Deficit	1666	1366	1678	1063	1255	1432	-244	103	1226	819	-1088	5211	5251	1425
18	1946 Federal Report Surplus Deficit	2318	1753	1388	628	1597	2092	2137	1728	4374	4235	4476	5189	5071	3941
19	1947 Federal Report Surplus Deficit	3199	3395	2623	491	2076	3687	3533	3822	4247	3727	4029	5197	5169	3820
20	1948 Federal Report Surplus Deficit	3025	3050	2396	3176	3140	2918	3590	3437	3750	3171	4307	5272	5738	4042
21	1949 Federal Report Surplus Deficit	3301	3931	3012	1007	1937	1932	2115	1154	4557	3649	4441	5255	5370	1718
22	1950 Federal Report Surplus Deficit	778	1282	1271	764	948	1957	3500	3731	4302	4462	4380	5225	5773	4333
23	1951 Federal Report Surplus Deficit	3228	3444	2644	1929	3234	3750	3546	4166	4263	4385	4313	5148	5265	4021
24	1952 Federal Report Surplus Deficit	3379	2966	2431	2796	2788	2945	3416	3707	4220	4531	4573	5258	5374	3785
25	1953 Federal Report Surplus Deficit	3009	2919	1294	457	1317	1525	1662	2741	3701	1885	3606	5220	5813	3918
26	1954 Federal Report Surplus Deficit	2757	2786	2460	911	2215	2467	3468	3856	4303	3374	4061	5211	5587	4259
27	1955 Federal Report Surplus Deficit	3385	4102	4079	1079	2855	2452	1615	942	1701	1570	3254	5123	5821	4311
28	1956 Federal Report Surplus Deficit	3274	3377	2121	1316	3099	3698	3699	4260	4119	4163	4356	5251	5753	4081
29	1957 Federal Report Surplus Deficit	3258	3677	2524	1237	1888	2623	2370	570	4506	4320	3995	5304	5678	3722
30	1958 Federal Report Surplus Deficit	2814	2141	2317	678	1652	1907	2571	2913	3974	2918	4319	5262	5579	3316
31	1959 Federal Report Surplus Deficit	2657	2028	2020	777	2639	3474	3691	4041	4380	3985	3886	5005	5605	4135
32	1960 Federal Report Surplus Deficit	3411	3524	4161	3478	3225	3274	2934	2713	4189	4624	4303	5158	5492	3681
33	1961 Federal Report Surplus Deficit	2869	2226	2004	1035	1811	2111	2802	3562	4522	3559	3706	5149	5604	3569
34	1962 Federal Report Surplus Deficit	2811	2526	1966	507	1734	1825	2741	2537	2337	4419	4486	5194	5098	3531
35	1963 Federal Report Surplus Deficit	2596	2771	1572	1476	2847	3281	2928	2709	3998	1877	3435	5199	5236	3600
36	1964 Federal Report Surplus Deficit	2682	2235	2732	643	1542	2085	1665	1593	2466	3733	3294	5194	5801	4213
37	1965 Federal Report Surplus Deficit	3306	3690	3300	1940	2621	3778	3573	4033	3971	3219	4334	5145	5281	3698
38	1966 Federal Report Surplus Deficit	3229	3618	1736	1268	2110	2252	2293	2204	2756	4423	3933	4848	4956	3792
39	1967 Federal Report Surplus Deficit	2837	2361	2248	502	1601	2375	3521	3809	4071	2697	1968	5018	5600	4093
40	1968 Federal Report Surplus Deficit	3282	3336	2598	967	2426	2258	3167	3313	4185	1412	2911	4568	5308	3878
41	1969 Federal Report Surplus Deficit	3232	3649	3486	2008	3125	2970	3536	3742	3988	4263	4388	5248	5526	3839
42	1970 Federal Report Surplus Deficit	2998	2813	2392	874	2035	1704	2557	2634	3405	2098	3300	5136	5608	3204
43	1971 Federal Report Surplus Deficit	2385	2073	1925	523	1525	2067	3594	4081	4482	4320	4310	5211	5766	4062
44	1972 Federal Report Surplus Deficit	3433	4113	2824	1362	2086	2535	3583	4004	4224	4365	4248	5203	5682	4206
45	1973 Federal Report Surplus Deficit	3302	4024	3072	1205	2186	2235	2554	1051	2448	585	2453	4636	3174	2291
46	1974 Federal Report Surplus Deficit	1926	1541	1675	781	1522	2927	3701	4078	4087	4117	4267	4989	5743	4376
47	1975 Federal Report Surplus Deficit	3313	4049	3030	447	1549	1700	2987	2948	4137	1877	3197	5192	5711	4243
48	1976 Federal Report Surplus Deficit	3253	3683	3077	2226	3225	4023	3691	4101	4223	4403	4333	5237	5480	4094
49	1977 Federal Report Surplus Deficit	3422	4157	4450	1360	1738	1360	828	810	1307	544	2307	2765	931	1953
50	1978 Federal Report Surplus Deficit	1645	1472	978	-118	901	2813	2309	2081	4016	4360	3920	4992	4774	3790
51	1979 Federal Report Surplus Deficit	2246	2086	3446	1492	2100	1586	1061	1486	3945	1901	3594	5214	4645	1749
52	1980 Federal Report Surplus Deficit	1251	1770	2151	457	1440	1344	1842	397	2555	2328	4134	5243	5363	3053
53	1981 Federal Report Surplus Deficit	1579	1361	2332	929	1785	3220	3395	3750	4026	704	3332	5187	5635	3915
54	1982 Federal Report Surplus Deficit	3422	3684	2667	893	2376	2209	3311	4135	4320	4419	4232	5125	5722	4406

Federal Report Surplus Deficit By Water Year

Operating Year 2022

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3434	4067	3605	2107	2479	2653	3590	3643	4580	3876	4100	5134	5499	3989
56	1984 Federal Report Surplus Deficit	3297	3813	2961	1036	3291	2906	3271	3421	4637	4593	4450	5203	5747	3980
57	1985 Federal Report Surplus Deficit	3296	2733	2968	1102	2386	2251	2139	1964	2418	3243	4292	5197	4882	711
58	1986 Federal Report Surplus Deficit	546	1269	2160	1030	2824	2416	2739	3919	4711	4505	4408	5080	5277	3481
59	1987 Federal Report Surplus Deficit	2231	2014	1633	466	1860	2350	1399	595	3725	1093	3155	5123	4381	2220
60	1988 Federal Report Surplus Deficit	1480	1235	1718	617	1188	1331	42.1	-525	2103	998	3003	4461	3486	2970
61	1989 Federal Report Surplus Deficit	2343	2005	1987	667	1375	1973	-19.8	-290	3470	3992	4392	5112	4655	2766
62	1990 Federal Report Surplus Deficit	1580	1568	1910	732	2105	2646	3101	3242	4290	2869	4361	5101	5519	3673
63	1991 Federal Report Surplus Deficit	3293	3198	2063	394	3190	3108	3480	3708	3919	3753	3811	5193	5313	3983
64	1992 Federal Report Surplus Deficit	3399	3529	2038	592	1570	1340	827	1022	3979	592	2249	4502	2593	2072
65	1993 Federal Report Surplus Deficit	1702	1506	1479	784	1579	1687	-452	-794	2599	2002	2778	5196	4942	3215
66	1994 Federal Report Surplus Deficit	2517	2308	2697	756	1849	1821	-119	24.1	1245	954	3054	4948	4520	2730
67	1995 Federal Report Surplus Deficit	2185	1604	2069	714	853	1762	391	3093	4528	2227	3226	5134	5478	3471
68	1996 Federal Report Surplus Deficit	2102	2151	2861	1984	3245	3996	3574	4152	4310	4454	4523	5205	5480	4043
69	1997 Federal Report Surplus Deficit	3398	3640	2531	773	2271	2979	3603	3820	4197	4153	4428	5143	5715	4116
70	1998 Federal Report Surplus Deficit	3401	4104	3589	3296	3098	2267	2100	2932	3435	1673	3985	5199	5658	3756
71	1999 Federal Report Surplus Deficit	3383	3051	2166	582	1463	2579	3578	3964	4316	3709	4392	5226	5681	4222
72	2000 Federal Report Surplus Deficit	3484	4188	3046	1024	3257	3292	2901	2813	4316	4356	4376	5211	4360	3650
73	2001 Federal Report Surplus Deficit	2948	1720	1708	792	1258	1499	692	537	1753	751	2318	3907	770	2450
74	2002 Federal Report Surplus Deficit	1698	1389	1043	-299	879	1668	91.2	595	3239	2625	4326	5126	5592	4071
75	2003 Federal Report Surplus Deficit	1583	2119	2126	761	1790	1725	126	726	4194	2673	3759	5035	5354	2686
76	2004 Federal Report Surplus Deficit	1559	1589	1533	963	2618	1814	273	205	3905	2108	3409	5014	4492	2822
77	2005 Federal Report Surplus Deficit	947	1620	3043	1354	2110	2459	2091	2244	2465	1080	2997	4955	4771	3335
78	2006 Federal Report Surplus Deficit	2236	1909	2097	515	1994	2273	2772	3357	4295	4464	4499	5150	5594	3748
79	2007 Federal Report Surplus Deficit	2787	1508	1305	505	1790	2329	2983	1456	4698	4042	3821	5196	4434	3791
80	2008 Federal Report Surplus Deficit	2022	1570	1164	757	2335	1584	1390	920	2940	2270	2086	5137	5819	3892

Ranked Averages

81	**Bottom 10 pct**	**1187**	**1438**	**2013**	**856**	**1796**	**2038**	**1800**	**1765**	**3312**	**2095**	**3500**	**4974**	**4803**	**3360**
82	**Middle 80 pct**	**2613**	**2527**	**2245**	**951**	**1942**	**2312**	**2155**	**2211**	**3504**	**2970**	**3600**	**5011**	**4995**	**3403**
83	**Top 10 pct**	**3426**	**3921**	**3298**	**1764**	**2479**	**2366**	**2509**	**2759**	**3794**	**3056**	**3725**	**4787**	**4492**	**3464**

Federal Report Surplus Deficit By Water Year

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2399	2654	2183	605	1132	1105	516	359	1128	695	2041	3013	3292	1095
2	1930 Federal Report Surplus Deficit	2394	1997	2539	757	1325	1191	-492	543	1070	1578	3255	2971	670	3101
3	1931 Federal Report Surplus Deficit	2756	1951	1987	738	1516	1135	-375	-570	754	524	-1292	3641	1032	3346
4	1932 Federal Report Surplus Deficit	2232	1340	1722	536	707	1118	-506	-780	2955	4402	4086	4123	4617	4156
5	1933 Federal Report Surplus Deficit	2512	3176	2691	929	1369	1692	2675	2822	3476	2400	3354	3976	4797	4417
6	1934 Federal Report Surplus Deficit	3114	3463	2512	1571	2905	3603	3535	3711	4271	4168	4106	3915	4004	3447
7	1935 Federal Report Surplus Deficit	2237	1600	1582	880	854	1135	2549	2742	3509	1037	3370	3808	3752	4169
8	1936 Federal Report Surplus Deficit	3181	2369	1871	556	1126	1122	-226	190	1383	1641	4091	4134	4529	3246
9	1937 Federal Report Surplus Deficit	2387	1889	1907	412	1450	1109	-152	-430	907	962	-61.7	3527	2625	1931
10	1938 Federal Report Surplus Deficit	2512	1982	2076	788	1027	1377	2270	2526	4003	3875	4301	4076	4284	4118
11	1939 Federal Report Surplus Deficit	2223	1704	2543	944	906	1133	1054	933	2413	2634	3926	4005	2374	2998
12	1940 Federal Report Surplus Deficit	2361	1729	2029	1063	1912	1398	724	506	4451	2830	3529	3957	2546	2631
13	1941 Federal Report Surplus Deficit	1906	1258	1936	662	1330	1347	369	274	1975	533	2031	3555	2507	3293
14	1942 Federal Report Surplus Deficit	2162	1753	2554	679	1816	2201	1849	972	3088	1589	3349	3640	3760	4170
15	1943 Federal Report Surplus Deficit	2928	2749	3078	531	257	1479	2788	3152	3863	4506	4397	3972	4800	4421
16	1944 Federal Report Surplus Deficit	2794	2375	2070	597	1350	1094	523	419	787	760	2114	2417	-58.5	2399
17	1945 Federal Report Surplus Deficit	2128	1262	1730	966	1148	1025	-225	34.2	953	758	-1190	4049	4331	1561
18	1946 Federal Report Surplus Deficit	2670	1696	1523	605	1468	1615	1738	1514	4151	4120	4276	4089	4140	4277
19	1947 Federal Report Surplus Deficit	3158	3323	2640	497	1896	3254	3270	3508	4155	3549	3746	4087	4250	4190
20	1948 Federal Report Surplus Deficit	3027	3057	2421	3051	2818	2404	3114	3145	3294	2951	4068	4219	4736	4304
21	1949 Federal Report Surplus Deficit	3125	3639	3033	922	1771	1480	1693	978	4409	3463	4220	4194	4449	1896
22	1950 Federal Report Surplus Deficit	1396	1067	1410	714	872	1484	3017	3429	4242	4349	4136	4083	4782	4490
23	1951 Federal Report Surplus Deficit	3108	3364	2652	1771	2905	3320	3435	4012	4202	4224	4069	4048	4346	4293
24	1952 Federal Report Surplus Deficit	3246	2986	2449	2648	2516	2431	2930	3413	3820	4419	4383	4204	4452	4160
25	1953 Federal Report Surplus Deficit	3014	2941	1427	465	1205	1139	1330	2487	3237	1643	3297	4085	4797	4266
26	1954 Federal Report Surplus Deficit	2959	2826	2484	840	2017	1953	2983	3552	4132	3161	3781	4095	4631	4413
27	1955 Federal Report Surplus Deficit	3236	3697	4074	988	2569	1933	1281	775	1332	1357	2941	3970	4809	4478
28	1956 Federal Report Surplus Deficit	3083	3306	2165	1204	2783	3266	3519	4018	4058	4002	4246	4196	4765	4328
29	1957 Federal Report Surplus Deficit	3120	3513	2543	1128	1728	2103	1924	442	4168	4202	3710	4246	4648	4098
30	1958 Federal Report Surplus Deficit	2986	2166	2344	646	1511	1464	2122	2652	3562	2683	4079	4209	4619	3663
31	1959 Federal Report Surplus Deficit	2873	2043	2067	728	2389	3010	3381	3699	4284	3851	3590	3854	4628	4340
32	1960 Federal Report Surplus Deficit	3227	3423	4033	3328	2913	2804	2447	2450	3786	4487	4054	4002	4558	4056
33	1961 Federal Report Surplus Deficit	3016	2263	2057	943	1658	1628	2326	3273	4366	3374	3402	4032	4639	3943
34	1962 Federal Report Surplus Deficit	2981	2579	2007	497	1587	1397	2276	2282	1895	4306	4278	4072	4170	3896
35	1963 Federal Report Surplus Deficit	2802	2813	1678	1346	2563	2794	2442	2453	3594	1646	3124	4037	4316	3975
36	1964 Federal Report Surplus Deficit	2862	2282	2750	614	1415	1606	1327	1385	2014	3571	2981	4040	4798	4387
37	1965 Federal Report Surplus Deficit	3122	3475	3329	1778	2369	3359	3459	3974	3910	2995	4132	4067	4346	4074
38	1966 Federal Report Surplus Deficit	3103	3434	1793	1150	1915	1744	1872	1963	2288	4309	3645	3771	4022	4163
39	1967 Federal Report Surplus Deficit	2982	2410	2281	474	1469	1867	3268	3581	4012	2451	1681	3860	4612	4322
40	1968 Federal Report Surplus Deficit	3185	3277	2613	878	2201	1750	2680	3031	3822	1208	2599	3574	4368	4225
41	1969 Federal Report Surplus Deficit	3150	3422	3560	1843	2805	2458	3424	3622	3930	4102	4181	4186	4596	4205
42	1970 Federal Report Surplus Deficit	3068	2854	2422	819	1857	1303	2111	2376	2929	1853	2987	3981	4636	3538
43	1971 Federal Report Surplus Deficit	2696	2084	1969	500	1402	1593	3483	3834	4421	4201	4073	4148	4770	4328
44	1972 Federal Report Surplus Deficit	3255	3733	2832	1247	1907	2020	3426	3945	4163	4205	3984	4144	4697	4387
45	1973 Federal Report Surplus Deficit	3133	3614	3087	1100	1987	1744	2106	878	1995	460	2148	3622	1968	2525
46	1974 Federal Report Surplus Deficit	2356	1479	1723	711	1402	2411	3587	3804	4026	3957	4157	4120	4763	4517
47	1975 Federal Report Surplus Deficit	3120	3636	3041	453	1423	1314	2508	2679	3716	1636	2883	4065	4713	4405
48	1976 Federal Report Surplus Deficit	3130	3482	3091	2061	2896	3631	3487	3803	4163	4242	4093	4179	4546	4329
49	1977 Federal Report Surplus Deficit	3348	3746	4282	1239	1587	975	586	648	994	436	2008	2325	-694	2151
50	1978 Federal Report Surplus Deficit	2112	1403	1120	-13.7	658	2294	1886	1848	3606	4247	3638	3867	3833	4163
51	1979 Federal Report Surplus Deficit	2578	2104	3514	1355	1913	1219	810	1291	3498	1668	3285	4078	3667	1921
52	1980 Federal Report Surplus Deficit	1809	1738	2195	455	1316	1066	1481	281	2095	2075	3885	4189	4413	3371
53	1981 Federal Report Surplus Deficit	2061	1252	2354	850	1627	2726	2919	3439	3627	632	3020	4032	4620	4197
54	1982 Federal Report Surplus Deficit	3239	3529	2682	832	2154	1716	2822	4019	4259	4306	3966	4046	4712	4497

Federal Report Surplus Deficit By Water Year

Operating Year 2023

2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3238	3711	3668	1944	2250	2133	3108	3353	4518	3715	3821	4017	4559	4294
56	1984 Federal Report Surplus Deficit	3115	3535	2972	953	2964	2389	2783	3138	4344	4474	4254	4088	4760	4286
57	1985 Federal Report Surplus Deficit	3231	2773	2978	1021	2171	1753	1729	1736	1969	3024	4056	4099	3932	773
58	1986 Federal Report Surplus Deficit	1180	1047	2196	957	2547	1903	2280	3616	4514	4368	4208	3919	4357	3843
59	1987 Federal Report Surplus Deficit	2594	2012	1704	467	1706	1843	1098	460	3275	960	2841	3964	3389	2449
60	1988 Federal Report Surplus Deficit	1993	1069	1795	568	1077	1054	-7.04	-546	1684	889	2690	3508	2295	3279
61	1989 Federal Report Surplus Deficit	2666	2021	2044	628	1265	1512	-53.6	-340	2991	3843	4185	3951	3676	3052
62	1990 Federal Report Surplus Deficit	2065	1477	1974	685	1910	2126	2615	2955	3940	2628	4124	3940	4585	4047
63	1991 Federal Report Surplus Deficit	3224	3183	2112	405	2862	2607	3140	3400	3499	3595	3517	4037	4390	4221
64	1992 Federal Report Surplus Deficit	3214	3421	2090	567	1439	1058	602	850	3576	468	1949	3526	1287	2285
65	1993 Federal Report Surplus Deficit	2176	1452	1550	704	1441	1284	-399	-784	2148	1763	2469	4044	3991	3550
66	1994 Federal Report Surplus Deficit	2800	2344	2714	706	1683	1368	-136	-61.2	953	849	2741	3813	3550	3013
67	1995 Federal Report Surplus Deficit	2562	1558	2096	646	744	1342	279	2823	4255	1977	2913	3973	4529	3831
68	1996 Federal Report Surplus Deficit	2492	2165	2867	1823	2922	3600	3461	4020	4249	4300	4325	4130	4530	4264
69	1997 Federal Report Surplus Deficit	3208	3486	2546	723	2069	2464	3489	3761	4135	3992	4312	4080	4711	4300
70	1998 Federal Report Surplus Deficit	3227	3718	3653	3177	2781	1772	1706	2663	2960	1452	3691	4150	4669	4131
71	1999 Federal Report Surplus Deficit	3290	3070	2204	571	1347	2060	3423	3899	4254	3542	4156	4081	4714	4425
72	2000 Federal Report Surplus Deficit	3341	3795	3063	939	2937	2802	2425	2552	3943	4242	4160	4091	3321	4025
73	2001 Federal Report Surplus Deficit	3070	1664	1791	741	1151	1122	476	401	1371	663	2019	3127	-906	2696
74	2002 Federal Report Surplus Deficit	2175	1265	1187	-177	702	1279	32.5	455	2758	2374	4104	3966	4620	4357
75	2003 Federal Report Surplus Deficit	2108	2127	2175	695	1629	1312	59.7	578	3797	2424	3459	3875	4433	2955
76	2004 Federal Report Surplus Deficit	2082	1491	1625	865	2351	1385	175	105	3486	1862	3097	3875	3509	3108
77	2005 Federal Report Surplus Deficit	1538	1564	3077	1226	1920	1944	1670	2000	2007	917	2684	3793	3811	3675
78	2006 Federal Report Surplus Deficit	2628	1874	2147	487	1819	1771	2304	3076	3971	4350	4296	4083	4635	4122
79	2007 Federal Report Surplus Deficit	2994	1376	1439	497	1639	1823	2501	1257	4482	3901	3524	4047	3422	4167
80	2008 Federal Report Surplus Deficit	2442	1462	1305	686	2110	1216	1092	756	2463	2019	1798	4031	4802	4264
	Ranked Averages														
81	**Bottom 10 pct**	**1744**	**1309**	**2117**	**765**	**1575**	**1706**	**1793**	**1931**	**3010**	**2049**	**3347**	**3877**	**3921**	**3774**
82	**Middle 80 pct**	**2782**	**2482**	**2304**	**935**	**1768**	**1840**	**1795**	**1937**	**3208**	**2738**	**3302**	**3924**	**3916**	**3626**
83	**Top 10 pct**	**3274**	**3533**	**3157**	**1301**	**2158**	**2009**	**2500**	**2825**	**3411**	**3278**	**3677**	**3860**	**3821**	**4052**

Federal Report Surplus Deficit By Water Year

Operating Year 2024

2014 White Book Report Date: **10/31/2014**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2117	2509	2076	641	1225	1279	911	718	1614	822	2341	3740	4279	983
2	1930 Federal Report Surplus Deficit	2108	1892	2457	830	1445	1349	-336	894	1537	1860	3563	3700	2022	2789
3	1931 Federal Report Surplus Deficit	2611	1839	1897	830	1663	1347	-185	-323	1154	701	-1173	4681	2325	3007
4	1932 Federal Report Surplus Deficit	1910	1355	1579	603	784	1300	-392	-591	3584	4593	4317	5208	5506	3761
5	1933 Federal Report Surplus Deficit	2247	3089	2613	1028	1485	1979	3358	3332	4044	2700	3660	5148	5739	4165
6	1934 Federal Report Surplus Deficit	3426	3491	2429	1732	3210	3794	3863	4311	4487	4417	4335	5069	4871	3090
7	1935 Federal Report Surplus Deficit	1910	1534	1458	994	925	1251	3228	3246	4073	1260	3674	4945	4665	3776
8	1936 Federal Report Surplus Deficit	3367	2232	1724	591	1228	1301	-44.5	529	1910	1934	4327	5227	5402	2912
9	1937 Federal Report Surplus Deficit	2095	1802	1776	412	1586	1309	115	-161	1334	1127	128	4492	3718	1737
10	1938 Federal Report Surplus Deficit	2292	1869	1967	866	1111	1591	2928	3021	4453	4075	4512	5200	5148	3722
11	1939 Federal Report Surplus Deficit	1878	1657	2461	1045	985	1254	1538	1339	3032	2931	4198	5176	3458	2695
12	1940 Federal Report Surplus Deficit	2122	1637	1933	1194	2105	1649	1178	866	4834	3111	3822	5117	3618	2365
13	1941 Federal Report Surplus Deficit	1496	1285	1835	745	1452	1562	711	625	2581	631	2334	4638	3570	2953
14	1942 Federal Report Surplus Deficit	1842	1672	2477	774	1993	2516	2465	1379	3702	1871	3651	4766	4650	3808
15	1943 Federal Report Surplus Deficit	2935	2614	2987	562	909	1723	3471	3663	4401	4714	4582	5135	5767	4253
16	1944 Federal Report Surplus Deficit	2676	2232	1949	619	1464	1245	932	783	1187	926	2418	2869	1408	2158
17	1945 Federal Report Surplus Deficit	1806	1270	1617	1075	1250	1227	-49.0	331	1376	872	-1089	5223	5195	1406
18	1946 Federal Report Surplus Deficit	2454	1654	1321	640	1593	1887	2331	1957	4500	4288	4476	5201	5014	3921
19	1947 Federal Report Surplus Deficit	3339	3300	2562	503	2071	3482	3748	4050	4373	3780	4029	5210	5112	3800
20	1948 Federal Report Surplus Deficit	3161	2952	2333	3188	3136	2713	3784	3666	3900	3224	4306	5284	5681	4022
21	1949 Federal Report Surplus Deficit	3441	3836	2952	1019	1932	1727	2310	1382	4683	3702	4440	5268	5313	1699
22	1950 Federal Report Surplus Deficit	917	1186	1208	777	943	1752	3695	3959	4428	4515	4380	5237	5717	4313
23	1951 Federal Report Surplus Deficit	3361	3342	2573	1941	3229	3545	3762	4382	4389	4474	4312	5161	5209	4001
24	1952 Federal Report Surplus Deficit	3513	2865	2363	2808	2783	2740	3611	3935	4370	4585	4572	5270	5317	3766
25	1953 Federal Report Surplus Deficit	3143	2818	1231	469	1312	1320	1857	2969	3851	1938	3605	5232	5756	3899
26	1954 Federal Report Surplus Deficit	2895	2689	2398	923	2210	2262	3663	4084	4429	3427	4060	5223	5531	4239
27	1955 Federal Report Surplus Deficit	3523	4006	4018	1091	2850	2247	1810	1170	1851	1623	3254	5135	5764	4291
28	1956 Federal Report Surplus Deficit	3407	3275	2059	1328	3095	3493	3914	4477	4245	4251	4377	5263	5696	4061
29	1957 Federal Report Surplus Deficit	3399	3583	2460	1250	1883	2418	2565	798	4657	4374	3994	5316	5621	3702
30	1958 Federal Report Surplus Deficit	2950	2042	2253	690	1648	1702	2766	3141	4124	2971	4319	5274	5522	3296
31	1959 Federal Report Surplus Deficit	2794	1930	1957	789	2634	3270	3906	4269	4506	4038	3885	5017	5548	4115
32	1960 Federal Report Surplus Deficit	3551	3428	4101	3490	3220	3069	3128	2941	4340	4677	4302	5170	5435	3661
33	1961 Federal Report Surplus Deficit	3008	2131	1943	1047	1806	1906	2997	3790	4647	3612	3706	5162	5548	3548
34	1962 Federal Report Surplus Deficit	2951	2432	1902	520	1729	1620	2936	2765	2487	4472	4485	5206	5041	3511
35	1963 Federal Report Surplus Deficit	2735	2676	1509	1488	2842	3076	3123	2937	4149	1930	3434	5211	5179	3580
36	1964 Federal Report Surplus Deficit	2822	2140	2673	655	1537	1880	1859	1821	2617	3786	3293	5206	5745	4193
37	1965 Federal Report Surplus Deficit	3436	3586	3228	1952	2616	3573	3789	4249	4096	3272	4333	5157	5225	3678
38	1966 Federal Report Surplus Deficit	3363	3516	1671	1281	2105	2047	2488	2432	2907	4476	3932	4860	4899	3772
39	1967 Federal Report Surplus Deficit	2978	2267	2190	514	1596	2170	3737	4025	4196	2750	1967	5031	5543	4073
40	1968 Federal Report Surplus Deficit	3415	3235	2535	980	2421	2053	3362	3541	4335	1465	2910	4580	5251	3858
41	1969 Federal Report Surplus Deficit	3362	3544	3417	2020	3120	2765	3752	3958	4114	4352	4388	5261	5469	3819
42	1970 Federal Report Surplus Deficit	3138	2718	2331	886	2030	1499	2751	2862	3555	2151	3299	5148	5551	3184
43	1971 Federal Report Surplus Deficit	2516	1968	1854	535	1520	1862	3809	4297	4608	4373	4309	5224	5709	4042
44	1972 Federal Report Surplus Deficit	3565	4010	2755	1374	2082	2330	3799	4220	4350	4454	4248	5227	5625	4186
45	1973 Federal Report Surplus Deficit	3436	3922	3004	1217	2181	2030	2749	1279	2599	638	2452	4648	3118	2271
46	1974 Federal Report Surplus Deficit	2061	1442	1610	793	1517	2722	3916	4294	4213	4206	4288	5075	5686	4357
47	1975 Federal Report Surplus Deficit	3444	3946	2963	459	1545	1495	3181	3177	4287	1930	3196	5205	5654	4223
48	1976 Federal Report Surplus Deficit	3383	3579	3008	2238	3220	3818	3907	4317	4349	4491	4332	5249	5423	4074
49	1977 Federal Report Surplus Deficit	3556	4055	4391	1372	1733	1155	1023	1039	1457	597	2307	2778	875	1933
50	1978 Federal Report Surplus Deficit	1786	1379	918	-105	896	2608	2504	2309	4167	4413	3919	5004	4717	3770
51	1979 Federal Report Surplus Deficit	2374	1980	3374	1504	2095	1381	1256	1714	4095	1953	3593	5226	4588	1729
52	1980 Federal Report Surplus Deficit	1392	1676	2091	470	1435	1139	2036	625	2706	2381	4134	5255	5306	3033
53	1981 Federal Report Surplus Deficit	1718	1266	2272	941	1780	3015	3590	3978	4176	757	3331	5199	5578	3895
54	1982 Federal Report Surplus Deficit	3561	3588	2604	905	2371	2004	3506	4352	4446	4472	4231	5137	5665	4386

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3561	3960	3536	2119	2474	2448	3784	3871	4705	3929	4099	5146	5443	3969
56	1984 Federal Report Surplus Deficit	3428	3709	2893	1049	3286	2701	3466	3649	4787	4646	4450	5216	5690	3960
57	1985 Federal Report Surplus Deficit	3427	2629	2900	1114	2381	2046	2334	2192	2568	3296	4291	5209	4825	691
58	1986 Federal Report Surplus Deficit	678	1167	2094	1043	2819	2211	2934	4147	4862	4558	4407	5092	5220	3461
59	1987 Federal Report Surplus Deficit	2362	1910	1570	478	1855	2145	1594	823	3876	1146	3154	5135	4325	2200
60	1988 Federal Report Surplus Deficit	1623	1142	1661	629	1183	1126	237	-297	2253	1051	3002	4474	3430	2950
61	1989 Federal Report Surplus Deficit	2484	1911	1928	679	1370	1768	175	-62.1	3620	4045	4391	5124	4598	2747
62	1990 Federal Report Surplus Deficit	1718	1470	1848	744	2100	2441	3296	3470	4440	2922	4360	5114	5463	3653
63	1991 Federal Report Surplus Deficit	3433	3103	2001	407	3185	2903	3696	3937	4069	3806	3811	5205	5257	3963
64	1992 Federal Report Surplus Deficit	3538	3433	1978	605	1566	1135	1022	1250	4129	646	2248	4515	2536	2052
65	1993 Federal Report Surplus Deficit	1843	1412	1420	796	1574	1482	-258	-566	2749	2055	2777	5208	4885	3195
66	1994 Federal Report Surplus Deficit	2653	2208	2634	769	1844	1616	76.2	252	1396	1007	3053	4960	4463	2710
67	1995 Federal Report Surplus Deficit	2325	1510	2009	726	848	1557	586	3321	4677	2280	3226	5147	5421	3451
68	1996 Federal Report Surplus Deficit	2232	2045	2790	1996	3240	3791	3790	4368	4436	4507	4522	5217	5423	4023
69	1997 Federal Report Surplus Deficit	3528	3535	2463	785	2266	2774	3818	4036	4323	4241	4449	5155	5659	4096
70	1998 Federal Report Surplus Deficit	3532	4000	3521	3309	3093	2062	2294	3160	3586	1726	3985	5212	5601	3736
71	1999 Federal Report Surplus Deficit	3516	2950	2098	594	1458	2374	3794	4180	4442	3762	4391	5238	5625	4202
72	2000 Federal Report Surplus Deficit	3619	4088	2981	1036	3252	3087	3096	3042	4466	4409	4375	5223	4303	3631
73	2001 Federal Report Surplus Deficit	3089	1625	1649	804	1253	1294	887	765	1903	804	2318	3920	713	2430
74	2002 Federal Report Surplus Deficit	1839	1295	985	-287	874	1463	286	823	3390	2678	4325	5139	5536	4051
75	2003 Federal Report Surplus Deficit	1722	2023	2066	773	1785	1520	321	954	4344	2726	3758	5047	5297	2665
76	2004 Federal Report Surplus Deficit	1700	1495	1474	975	2613	1609	468	433	4056	2161	3408	5026	4436	2802
77	2005 Federal Report Surplus Deficit	1086	1525	2984	1366	2105	2254	2286	2472	2615	1133	2997	4967	4714	3315
78	2006 Federal Report Surplus Deficit	2373	1811	2033	527	1990	2068	2967	3585	4445	4517	4498	5162	5538	3728
79	2007 Federal Report Surplus Deficit	2925	1410	1243	517	1785	2124	3177	1684	4849	4094	3820	5209	4377	3771
80	2008 Federal Report Surplus Deficit	2155	1468	1103	769	2330	1379	1584	1148	3090	2323	2085	5149	5763	3872

Ranked Averages

81	**Bottom 10 pct**	**1326**	**1368**	**1899**	**843**	**1831**	**1762**	**1958**	**1929**	**3493**	**2419**	**3628**	**4975**	**4732**	**3310**
82	**Middle 80 pct**	**2750**	**2426**	**2189**	**967**	**1932**	**2116**	**2360**	**2445**	**3643**	**2993**	**3584**	**5026**	**4940**	**3387**
83	**Top 10 pct**	**3560**	**3820**	**3233**	**1776**	**2474**	**2161**	**2706**	**2984**	**3935**	**3114**	**3724**	**4801**	**4435**	**3444**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2312	2525	2080	637	1037	1015	636	209	1159	745	1994	2826	3134	982
2	1930 Federal Report Surplus Deficit	2307	1867	2436	788	1230	1101	-371	393	1102	1628	3208	2783	511	2988
3	1931 Federal Report Surplus Deficit	2669	1821	1884	769	1422	1045	-255	-720	785	575	-1339	3454	873	3233
4	1932 Federal Report Surplus Deficit	2145	1210	1619	568	613	1028	-385	-930	2986	4453	4039	3936	4458	4043
5	1933 Federal Report Surplus Deficit	2425	3046	2587	960	1275	1602	2796	2672	3507	2451	3307	3788	4638	4304
6	1934 Federal Report Surplus Deficit	3027	3333	2408	1603	2811	3513	3687	3561	4302	4280	4059	3728	3845	3334
7	1935 Federal Report Surplus Deficit	2150	1470	1479	912	760	1045	2670	2592	3540	1088	3323	3621	3593	4056
8	1936 Federal Report Surplus Deficit	3094	2239	1768	587	1031	1032	-105	39.6	1414	1692	4044	3946	4371	3133
9	1937 Federal Report Surplus Deficit	2300	1759	1804	444	1356	1019	-31.2	-581	938	1012	-108	3340	2466	1817
10	1938 Federal Report Surplus Deficit	2425	1853	1973	820	933	1287	2391	2376	4035	3925	4255	3889	4125	4005
11	1939 Federal Report Surplus Deficit	2136	1574	2440	976	812	1043	1175	783	2444	2685	3879	3817	2215	2884
12	1940 Federal Report Surplus Deficit	2274	1599	1926	1095	1818	1308	844	356	4483	2880	3482	3770	2388	2518
13	1941 Federal Report Surplus Deficit	1819	1129	1832	694	1236	1257	489	123	2006	584	1985	3368	2348	3180
14	1942 Federal Report Surplus Deficit	2075	1623	2450	711	1722	2111	1969	822	3119	1640	3302	3452	3601	4057
15	1943 Federal Report Surplus Deficit	2841	2619	2975	563	163	1389	2909	3002	3894	4574	4350	3785	4642	4308
16	1944 Federal Report Surplus Deficit	2707	2246	1967	628	1256	1004	643	269	818	811	2067	2230	-217	2286
17	1945 Federal Report Surplus Deficit	2041	1132	1627	997	1054	935	-104	-116	984	808	-1237	3862	4172	1448
18	1946 Federal Report Surplus Deficit	2583	1566	1420	637	1374	1525	1859	1364	4182	4171	4229	3902	3981	4164
19	1947 Federal Report Surplus Deficit	3071	3194	2537	529	1802	3164	3391	3358	4186	3600	3699	3900	4091	4077
20	1948 Federal Report Surplus Deficit	2940	2927	2317	3083	2724	2314	3235	2995	3326	3002	4022	4031	4577	4191
21	1949 Federal Report Surplus Deficit	3038	3509	2929	954	1676	1390	1814	828	4440	3514	4173	4007	4290	1783
22	1950 Federal Report Surplus Deficit	1309	937	1306	745	778	1394	3138	3279	4489	4400	4089	3896	4624	4377
23	1951 Federal Report Surplus Deficit	3021	3235	2549	1803	2811	3230	3698	3862	4460	4549	4022	3860	4187	4180
24	1952 Federal Report Surplus Deficit	3159	2857	2346	2680	2422	2341	3051	3263	3852	4470	4336	4017	4293	4047
25	1953 Federal Report Surplus Deficit	2927	2811	1324	497	1111	1049	1451	2337	3269	1694	3250	3898	4638	4153
26	1954 Federal Report Surplus Deficit	2872	2696	2380	871	1922	1863	3104	3401	4163	3212	3734	3908	4472	4300
27	1955 Federal Report Surplus Deficit	3149	3567	3971	1020	2475	1843	1402	625	1364	1408	2894	3783	4650	4365
28	1956 Federal Report Surplus Deficit	2996	3176	2062	1236	2689	3176	3639	3867	4299	4312	4274	4009	4606	4214
29	1957 Federal Report Surplus Deficit	3033	3383	2439	1160	1633	2013	2044	292	4199	4252	3663	4058	4489	3985
30	1958 Federal Report Surplus Deficit	2899	2036	2241	678	1416	1374	2243	2502	3593	2734	4033	4022	4461	3550
31	1959 Federal Report Surplus Deficit	2786	1913	1964	760	2295	2920	3501	3548	4315	3902	3543	3667	4469	4226
32	1960 Federal Report Surplus Deficit	3140	3294	3930	3359	2819	2714	2568	2300	3817	4538	4007	3815	4399	3943
33	1961 Federal Report Surplus Deficit	2929	2133	1954	975	1564	1538	2447	3123	4397	3425	3355	3845	4480	3830
34	1962 Federal Report Surplus Deficit	2894	2449	1904	529	1493	1307	2397	2132	1927	4357	4231	3885	4011	3783
35	1963 Federal Report Surplus Deficit	2715	2683	1574	1378	2469	2704	2562	2303	3625	1697	3077	3850	4158	3862
36	1964 Federal Report Surplus Deficit	2775	2153	2647	646	1320	1516	1448	1235	2046	3621	2934	3853	4639	4274
37	1965 Federal Report Surplus Deficit	3035	3345	3225	1810	2275	3269	3823	3877	4150	3045	4086	3880	4187	3961
38	1966 Federal Report Surplus Deficit	3016	3304	1690	1182	1820	1654	1993	1813	2319	4360	3598	3584	3863	4050
39	1967 Federal Report Surplus Deficit	2895	2280	2177	506	1375	1777	3389	3431	4109	2502	1634	3673	4453	4209
40	1968 Federal Report Surplus Deficit	3098	3147	2510	910	2107	1660	2801	2881	3853	1259	2552	3386	4210	4112
41	1969 Federal Report Surplus Deficit	3063	3292	3457	1875	2710	2368	3733	3472	4047	4368	4134	3998	4437	4092
42	1970 Federal Report Surplus Deficit	2981	2724	2319	851	1763	1213	2232	2226	2960	1904	2940	3794	4477	3425
43	1971 Federal Report Surplus Deficit	2609	1954	1866	532	1308	1503	3713	3684	4568	4251	4027	3960	4611	4215
44	1972 Federal Report Surplus Deficit	3168	3603	2729	1279	1812	1930	3546	3898	4407	4557	3937	3957	4538	4274
45	1973 Federal Report Surplus Deficit	3046	3485	2983	1132	1893	1654	2227	727	2026	511	2101	3435	1809	2412
46	1974 Federal Report Surplus Deficit	2269	1349	1620	743	1308	2321	3806	3654	4262	4284	4213	3933	4604	4403
47	1975 Federal Report Surplus Deficit	3033	3506	2938	485	1329	1224	2629	2529	3747	1687	2837	3877	4554	4292
48	1976 Federal Report Surplus Deficit	3043	3352	2988	2092	2802	3541	3608	3653	4315	4419	4046	3991	4387	4216
49	1977 Federal Report Surplus Deficit	3261	3617	4179	1270	1492	885	706	498	1025	487	1961	2138	-853	2038
50	1978 Federal Report Surplus Deficit	2025	1273	1016	18.0	564	2204	2007	1698	3637	4298	3591	3679	3674	4050
51	1979 Federal Report Surplus Deficit	2491	1974	3411	1387	1818	1129	930	1141	3530	1719	3238	3890	3509	1808
52	1980 Federal Report Surplus Deficit	1722	1609	2092	487	1222	976	1601	131	2127	2126	3839	4001	4255	3257
53	1981 Federal Report Surplus Deficit	1974	1122	2251	882	1533	2636	3040	3289	3658	682	2973	3844	4461	4084
54	1982 Federal Report Surplus Deficit	3152	3399	2579	864	2060	1626	2943	3868	4503	4357	3919	3859	4553	4384

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Federal Report Surplus Deficit	3151	3581	3564	1975	2156	2043	3229	3203	4582	3766	3774	3829	4400	4181
56	1984 Federal Report Surplus Deficit	3028	3406	2868	985	2870	2299	2904	2988	4376	4525	4207	3901	4601	4173
57	1985 Federal Report Surplus Deficit	3144	2643	2875	1053	2077	1663	1849	1586	2000	3075	4009	3912	3773	660
58	1986 Federal Report Surplus Deficit	1093	918	2092	988	2453	1813	2401	3466	4545	4418	4161	3731	4198	3730
59	1987 Federal Report Surplus Deficit	2507	1883	1600	498	1611	1753	1219	310	3306	1011	2795	3777	3230	2336
60	1988 Federal Report Surplus Deficit	1906	939	1692	600	982	964	114	-696	1716	939	2643	3321	2136	3166
61	1989 Federal Report Surplus Deficit	2579	1892	1941	660	1170	1422	67.1	-490	3022	3894	4138	3764	3518	2939
62	1990 Federal Report Surplus Deficit	1978	1347	1870	717	1816	2036	2735	2805	3971	2679	4077	3753	4427	3934
63	1991 Federal Report Surplus Deficit	3137	3053	2008	437	2767	2517	3260	3250	3530	3646	3470	3850	4231	4108
64	1992 Federal Report Surplus Deficit	3127	3292	1987	599	1345	968	723	700	3608	519	1902	3339	1128	2172
65	1993 Federal Report Surplus Deficit	2089	1322	1447	736	1347	1195	-279	-934	2179	1814	2422	3857	3833	3437
66	1994 Federal Report Surplus Deficit	2713	2214	2611	738	1588	1278	-15.5	-211	985	900	2694	3625	3391	2900
67	1995 Federal Report Surplus Deficit	2475	1429	1993	678	650	1252	400	2673	4287	2028	2866	3786	4370	3717
68	1996 Federal Report Surplus Deficit	2405	2035	2764	1855	2828	3510	3800	3870	4505	4393	4278	3943	4372	4150
69	1997 Federal Report Surplus Deficit	3121	3356	2443	755	1975	2374	3862	3687	4378	4343	4266	3893	4552	4186
70	1998 Federal Report Surplus Deficit	3140	3588	3550	3209	2687	1682	1827	2513	2991	1502	3644	3962	4510	4018
71	1999 Federal Report Surplus Deficit	3203	2941	2100	602	1253	1971	3543	3749	4501	3593	4109	3894	4555	4311
72	2000 Federal Report Surplus Deficit	3254	3665	2960	970	2842	2712	2546	2402	3974	4293	4114	3904	3162	3912
73	2001 Federal Report Surplus Deficit	2983	1534	1688	773	1057	1032	596	251	1403	713	1972	2940	-1065	2583
74	2002 Federal Report Surplus Deficit	2088	1135	1083	-145	607	1189	153	305	2790	2425	4057	3779	4461	4244
75	2003 Federal Report Surplus Deficit	2021	1997	2072	727	1535	1223	180	428	3828	2474	3412	3688	4275	2842
76	2004 Federal Report Surplus Deficit	1995	1362	1522	897	2257	1295	296	-45.5	3517	1913	3050	3688	3351	2995
77	2005 Federal Report Surplus Deficit	1451	1435	2974	1258	1826	1854	1790	1850	2038	968	2637	3606	3652	3562
78	2006 Federal Report Surplus Deficit	2541	1744	2044	519	1724	1681	2424	2926	4002	4400	4250	3895	4476	4009
79	2007 Federal Report Surplus Deficit	2907	1246	1336	528	1545	1733	2621	1107	4513	3951	3478	3859	3263	4054
80	2008 Federal Report Surplus Deficit	2355	1332	1202	717	2016	1126	1212	605	2494	2070	1751	3844	4644	4151

Ranked Averages

81	**Bottom 10 pct**	**1657**	**1179**	**2014**	**796**	**1481**	**1616**	**1914**	**1781**	**3069**	**2100**	**3300**	**3690**	**3762**	**3661**
82	**Middle 80 pct**	**2695**	**2352**	**2200**	**967**	**1674**	**1750**	**1935**	**1789**	**3265**	**2813**	**3258**	**3736**	**3757**	**3513**
83	**Top 10 pct**	**3187**	**3404**	**3054**	**1333**	**2064**	**1919**	**2621**	**2688**	**3526**	**3366**	**3631**	**3672**	**3662**	**3939**

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Exhibit 25
Regional Report Surplus Deficit By Water Year
80 Water Year Regional Surplus/Deficit

Monthly 1-Hour Capacity
Operating Year 2016 to 2025
Using 1937-Water Conditions

Regional Report Surplus Deficit By Water Year

Operating Year 2016

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	6735	6292	7570	6742	6199	4487	3295	4517	6163	4723	7358	11483	10521	5069
2	1930 Regional Report Surplus Deficit	5165	4984	7388	6667	6175	4386	1962	4889	6167	6014	8609	11030	7297	7217
3	1931 Regional Report Surplus Deficit	5870	5053	6741	6621	6489	4360	1921	2920	5537	4759	2412	12593	7022	7388
4	1932 Regional Report Surplus Deficit	5494	4626	7102	6404	5380	4392	1743	2748	8998	10198	10237	13620	12148	8851
5	1933 Regional Report Surplus Deficit	7458	6640	8022	7085	6551	5447	7009	8433	9794	7384	9017	13049	12412	9547
6	1934 Regional Report Surplus Deficit	8156	7948	8157	8206	9015	8173	8160	9963	10697	9950	9834	12983	10701	7714
7	1935 Regional Report Surplus Deficit	5512	5051	6495	6738	5710	4391	6921	7956	9456	7299	9177	13045	11021	8800
8	1936 Regional Report Surplus Deficit	7866	5942	7300	6472	6047	4293	2186	4299	6762	6601	10074	13919	12088	7802
9	1937 Regional Report Surplus Deficit	6676	5237	7168	6188	6347	4378	2422	2948	5677	5242	3846	12336	9710	5920
10	1938 Regional Report Surplus Deficit	6418	5234	6866	6835	5940	5500	6178	7970	10337	9569	10508	13541	11740	8874
11	1939 Regional Report Surplus Deficit	6569	5653	7752	7078	5778	4520	4640	5678	8391	7760	9679	13751	9211	7305
12	1940 Regional Report Surplus Deficit	5654	5036	7135	7133	7136	4973	4146	5219	10767	8369	9682	13678	9297	6745
13	1941 Regional Report Surplus Deficit	4936	4113	6597	6665	6265	4875	3500	4736	7589	4295	6623	12084	8640	7051
14	1942 Regional Report Surplus Deficit	5060	4066	6901	6737	7107	6262	5877	4548	8353	6397	8982	12940	11594	9001
15	1943 Regional Report Surplus Deficit	7286	6483	8511	6444	5707	4841	7359	8888	10179	10726	10624	13506	12511	9715
16	1944 Regional Report Surplus Deficit	7259	6183	7789	6760	6491	4614	3369	4697	5687	4845	7447	9620	5744	5542
17	1945 Regional Report Surplus Deficit	4404	3063	6045	6666	5848	4300	2320	4096	5978	4872	2635	13212	11735	5632
18	1946 Regional Report Surplus Deficit	6458	5507	7136	6601	6675	5465	5897	6511	10503	9942	10452	13546	11520	9262
19	1947 Regional Report Surplus Deficit	8129	7722	8425	6519	7424	7902	7825	9705	10491	9234	9605	13573	11670	8968
20	1948 Regional Report Surplus Deficit	7902	7382	8030	10431	8956	6654	7850	8966	9576	8389	10190	13718	11975	9366
21	1949 Regional Report Surplus Deficit	8079	8447	8860	7289	7186	5151	5601	5723	10793	9095	10473	13770	11920	6142
22	1950 Regional Report Surplus Deficit	4885	4788	6956	6820	5750	5234	7782	9419	10562	10126	10059	13142	12532	10006
23	1951 Regional Report Surplus Deficit	8179	7848	8484	8711	9324	8086	7996	10246	10516	10096	10199	13360	11759	9266
24	1952 Regional Report Surplus Deficit	8206	6988	8245	10016	8503	6692	7617	9134	10339	10322	10662	13777	12052	9011
25	1953 Regional Report Surplus Deficit	7650	6694	7158	6385	6125	4469	4972	8086	9602	6667	9077	13607	12526	9273
26	1954 Regional Report Surplus Deficit	7597	6978	8263	7175	7572	6046	7814	9706	10297	8830	9792	13435	12080	9785
27	1955 Regional Report Surplus Deficit	8281	8763	10384	7381	8417	5894	5133	5337	6372	6274	8114	12959	12507	9868
28	1956 Regional Report Surplus Deficit	8132	7720	7909	7732	8859	7886	8173	10015	10101	9610	9873	13573	12476	9573
29	1957 Regional Report Surplus Deficit	8263	8226	8364	7692	7149	6325	6113	5016	10697	10291	9581	14132	12386	8734
30	1958 Regional Report Surplus Deficit	7645	5851	7675	6629	6724	5295	6521	8378	9986	8148	10353	13712	12267	8181
31	1959 Regional Report Surplus Deficit	7483	5800	7403	6837	8106	7487	8169	9919	10498	9682	9412	13286	12104	9484
32	1960 Regional Report Surplus Deficit	8178	8409	10311	10882	9102	7127	6975	7818	10278	10681	10076	13468	12018	8673
33	1961 Regional Report Surplus Deficit	7640	6007	7526	7181	7032	5389	6613	9182	10795	9763	9026	13267	11817	8377
34	1962 Regional Report Surplus Deficit	7520	5882	7319	6460	6807	4912	6526	7706	7588	10366	10351	13563	11487	8445
35	1963 Regional Report Surplus Deficit	7529	6939	7405	7938	8476	7172	7044	7659	8316	6731	9425	14005	12074	8596
36	1964 Regional Report Surplus Deficit	7145	6251	8514	6738	6608	5428	5167	6338	7815	9286	8523	13290	12542	9760
37	1965 Regional Report Surplus Deficit	8168	8136	9345	8531	8097	7940	7836	9818	9987	8421	10381	13346	11871	8845
38	1966 Regional Report Surplus Deficit	8179	8166	7629	7668	7445	5723	6039	7217	8357	10293	9597	12887	11209	8762
39	1967 Regional Report Surplus Deficit	7746	6116	7730	6514	6664	5893	7770	9456	10117	7824	6439	13181	12239	9461
40	1968 Regional Report Surplus Deficit	8079	7583	8251	7283	7859	5774	7400	9030	10525	5779	7756	12573	11847	8974
41	1969 Regional Report Surplus Deficit	7943	7591	9888	8836	8999	6720	7742	9319	9923	9983	10239	13711	12213	9042
42	1970 Regional Report Surplus Deficit	7888	7115	7948	7022	7287	4966	6531	7807	9425	6938	8440	13640	12274	8155
43	1971 Regional Report Surplus Deficit	6721	5830	7490	6555	6682	5477	7917	9937	10790	9872	10054	13496	12572	9590
44	1972 Regional Report Surplus Deficit	8454	8805	8791	7935	7598	6168	7888	9775	10591	10231	10008	13446	12148	9672
45	1973 Regional Report Surplus Deficit	8193	8662	9127	7671	7677	5778	6499	5710	7785	4786	7041	12077	8714	6779
46	1974 Regional Report Surplus Deficit	5079	3868	6897	6756	6757	6702	8269	10022	10223	9615	9820	12644	12332	10145
47	1975 Regional Report Surplus Deficit	8281	8688	8844	6569	6681	5016	7001	8289	10134	6616	8259	13423	12475	9779
48	1976 Regional Report Surplus Deficit	8175	8040	9090	9200	9162	8422	8280	9935	10309	10138	10067	13552	12180	9535
49	1977 Regional Report Surplus Deficit	8472	8906	10544	7817	6947	4448	3392	4904	5946	4600	6967	9485	4568	4974
50	1978 Regional Report Surplus Deficit	3960	3486	5751	4928	5404	6473	6132	7066	10032	9854	9725	13656	11111	8881
51	1979 Regional Report Surplus Deficit	7756	7024	9884	7833	7287	4688	4024	6287	10044	6422	8873	13936	10853	6028
52	1980 Regional Report Surplus Deficit	4647	4541	7333	6261	6203	4326	5405	4933	8121	7137	10104	14093	11939	7940
53	1981 Regional Report Surplus Deficit	5518	4644	7701	6947	6846	7153	7736	9529	8438	4915	8995	13438	12140	9027
54	1982 Regional Report Surplus Deficit	8082	8243	8289	7117	7737	5656	7494	10011	10635	10216	9673	13213	12601	10090

Regional Report Surplus Deficit By Water Year

Operating Year 2016

2014 White Book Report Date: **10/31/2014** *Continued*

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	8303	8623	10053	9015	8024	6339	8003	9319	11027	9615	9620	13397	12208	9332
56	1984 Regional Report Surplus Deficit	8266	7576	8947	7434	9383	6672	7583	9116	10992	10507	10132	13602	12629	9341
57	1985 Regional Report Surplus Deficit	8324	6994	8967	7554	8054	5743	5967	6532	8230	8576	9939	13579	11088	4625
58	1986 Regional Report Surplus Deficit	4427	4528	7421	7329	8608	5785	6657	9322	11278	10192	10153	13424	11589	8444
59	1987 Regional Report Surplus Deficit	7059	5345	7412	6528	7149	5905	4907	5076	9807	5385	8270	13287	10247	6619
60	1988 Regional Report Surplus Deficit	4367	4316	6781	6431	5702	4231	2616	3010	5688	5414	8271	12535	9986	7434
61	1989 Regional Report Surplus Deficit	6059	5238	6763	6511	6242	5109	2741	3789	9122	9624	10075	13477	10964	7433
62	1990 Regional Report Surplus Deficit	5139	5053	7036	6593	7321	6073	7379	8273	10148	7820	10316	13281	11959	8715
63	1991 Regional Report Surplus Deficit	7886	7122	7720	6333	9049	6739	7578	9365	9756	9159	8957	13284	11703	9157
64	1992 Regional Report Surplus Deficit	8122	7804	7609	6492	6525	4242	3779	5483	8135	4827	6960	12066	8260	5247
65	1993 Regional Report Surplus Deficit	4132	3878	6028	6448	6407	4595	2074	2600	7858	6538	7890	13369	11392	8185
66	1994 Regional Report Surplus Deficit	6827	5698	7476	6574	6716	4738	2589	3998	6250	5245	8182	13236	10550	7276
67	1995 Regional Report Surplus Deficit	5541	4441	6838	6488	5429	4782	3448	8436	10278	8548	8637	13873	12182	8512
68	1996 Regional Report Surplus Deficit	6795	5788	8299	8520	9166	8314	8079	10292	10737	10333	10795	13656	12117	9443
69	1997 Regional Report Surplus Deficit	8200	8041	8363	6894	7632	6759	8031	9604	10460	9823	10211	13385	12041	9698
70	1998 Regional Report Surplus Deficit	8358	8807	10114	10630	8887	5832	5915	8350	9421	6256	9424	13730	12438	9023
71	1999 Regional Report Surplus Deficit	8304	8045	7807	6708	6502	6275	7923	9676	10465	9132	10196	13472	12524	9849
72	2000 Regional Report Surplus Deficit	8600	9050	9041	7334	9028	7225	6986	8014	10408	10333	10410	13551	10539	8631
73	2001 Regional Report Surplus Deficit	7866	5265	7245	6813	6034	4478	3074	4418	6492	4819	6961	11245	4507	5823
74	2002 Regional Report Surplus Deficit	4512	3260	5849	4597	5158	4600	2950	4860	6913	9616	10084	13302	11984	9257
75	2003 Regional Report Surplus Deficit	7228	6426	7093	6523	6581	4658	2995	5047	10301	7579	9091	13238	11820	7241
76	2004 Regional Report Surplus Deficit	4350	4707	6814	6920	7930	4869	3108	4473	8218	6712	8792	13343	11428	7574
77	2005 Regional Report Surplus Deficit	4619	5259	8947	7334	7045	5481	5508	7053	7618	5221	7883	13279	11085	8018
78	2006 Regional Report Surplus Deficit	6356	5032	7255	6105	7010	5577	6772	8346	10292	10362	10310	13561	12325	8790
79	2007 Regional Report Surplus Deficit	7618	4767	7058	6307	7004	5645	6829	6120	11143	9346	9191	13401	10553	8606
80	2008 Regional Report Surplus Deficit	6380	5086	6724	6006	7232	4405	4548	5165	8360	7162	6911	13309	12565	9183

Ranked Averages

81	**Bottom 10 pct**	**4346**	**4062**	**6705**	**6332**	**6513**	**5042**	**3921**	**5310**	**7948**	**7302**	**8179**	**13265**	**11289**	**7928**
82	**Middle 80 pct**	**7102**	**6327**	**7793**	**7151**	**7165**	**5733**	**5963**	**7340**	**9319**	**8139**	**9093**	**13196**	**11262**	**8386**
83	**Top 10 pct**	**8387**	**8499**	**9463**	**8047**	**7932**	**5990**	**6401**	**7738**	**9058**	**8127**	**9335**	**12952**	**11002**	**8247**

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	6358	6308	8732	6976	6320	4885	3148	4444	5984	5314	7381	10608	8685	4705
2	1930 Regional Report Surplus Deficit	5760	5245	8798	6851	6260	4805	2139	4826	6014	6576	8676	10151	5105	7123
3	1931 Regional Report Surplus Deficit	6170	4984	8196	6778	6538	4707	2052	2998	5475	5540	3401	11555	5010	7330
4	1932 Regional Report Surplus Deficit	5382	4313	7621	6596	5523	4779	1977	2904	8705	10949	10403	12304	10355	8866
5	1933 Regional Report Surplus Deficit	6435	6872	9363	7232	6642	5693	6443	8080	9501	7996	9089	11637	10538	9424
6	1934 Regional Report Surplus Deficit	7305	7717	9361	8270	8848	8548	8132	9626	10859	10682	10011	11596	9058	7589
7	1935 Regional Report Surplus Deficit	5751	4902	7485	6865	5857	4868	6352	7640	9621	6270	9254	11686	9255	8813
8	1936 Regional Report Surplus Deficit	7151	6096	8145	6706	6156	4686	2329	4252	6527	7169	10265	12592	10347	7747
9	1937 Regional Report Surplus Deficit	6244	5533	8143	6471	6410	4741	2449	2994	5577	6177	4675	11455	7867	5667
10	1938 Regional Report Surplus Deficit	6426	5711	8407	7012	6073	5429	6042	7677	10141	10178	10723	12180	9997	8890
11	1939 Regional Report Surplus Deficit	6047	5296	9034	7224	5919	4990	4374	5541	8031	8432	9811	12342	7279	7197
12	1940 Regional Report Surplus Deficit	6223	5341	8465	7239	7123	5266	3920	5145	11050	8814	9295	12168	7377	6586
13	1941 Regional Report Surplus Deficit	4902	4024	8045	6836	6347	5217	3426	4673	7247	5261	7038	10957	6822	6995
14	1942 Regional Report Surplus Deficit	5270	4806	9111	6891	7115	6469	5432	5635	8917	6832	8949	11435	9287	8965
15	1943 Regional Report Surplus Deficit	6722	6580	9983	6684	5072	5559	6777	8541	9990	11467	10883	12102	10639	9346
16	1944 Regional Report Surplus Deficit	6825	6290	8810	7012	6584	5043	3203	4617	5624	5423	7472	9339	3441	5352
17	1945 Regional Report Surplus Deficit	4417	3261	7284	6800	5958	4660	2470	4107	5883	5468	2920	11805	9998	5410
18	1946 Regional Report Surplus Deficit	6199	4782	7657	6836	6754	5730	5478	6328	10419	10669	10675	12199	9787	9223
19	1947 Regional Report Surplus Deficit	7355	7561	9654	6793	7432	8226	7498	9331	10687	9852	9720	12210	9939	8975
20	1948 Regional Report Surplus Deficit	7139	7177	9189	10560	8773	6868	7304	8559	9236	9037	10380	12316	10087	9225
21	1949 Regional Report Surplus Deficit	7242	7914	10148	7440	7216	5449	5156	5589	10839	9668	10672	12472	10157	5990
22	1950 Regional Report Surplus Deficit	4973	4531	7637	7018	5902	5505	7332	9007	10756	10847	10202	11760	10691	9817
23	1951 Regional Report Surplus Deficit	7361	7699	9723	8764	9139	8414	7969	10175	10707	10829	10361	12017	10003	9140
24	1952 Regional Report Surplus Deficit	7368	7099	9400	10117	8388	6908	7060	8723	10058	11081	10910	12425	10304	9026
25	1953 Regional Report Surplus Deficit	6869	7142	7773	6662	6227	4857	4648	7846	9250	7236	9143	12224	10653	9249
26	1954 Regional Report Surplus Deficit	7098	7010	9410	7345	7558	6262	7248	9164	10351	9471	9906	12078	10311	9558
27	1955 Regional Report Surplus Deficit	7510	7995	11616	7524	8285	6103	4807	5214	6148	6834	8162	11560	10641	9656
28	1956 Regional Report Surplus Deficit	7284	7544	8970	7847	8683	8210	8114	9728	10292	10344	10212	12181	10620	9424
29	1957 Regional Report Surplus Deficit	7415	7938	9568	7810	7186	6533	5635	4947	10465	10929	9695	12703	10486	8750
30	1958 Regional Report Surplus Deficit	7113	5997	8898	6852	6786	5606	6039	8072	9687	8789	10494	12447	10472	8001
31	1959 Regional Report Surplus Deficit	6341	6032	8496	7037	8019	7771	7943	9523	10641	10333	9526	11891	10279	9293
32	1960 Regional Report Surplus Deficit	7328	7640	11653	10944	8929	7388	6441	7551	10021	11432	10232	12064	10231	8689
33	1961 Regional Report Surplus Deficit	7027	6145	8666	7323	7079	5646	6088	8761	10803	9561	9129	11914	9973	8391
34	1962 Regional Report Surplus Deficit	6979	5946	8471	6712	6862	5244	6021	7465	7266	11077	10555	12196	9760	8449
35	1963 Regional Report Surplus Deficit	6862	6815	8152	8029	8346	7419	6139	8106	9679	7163	8949	12574	10007	8620
36	1964 Regional Report Surplus Deficit	6654	6079	9693	6965	6691	5691	4836	6160	7479	9921	8570	11884	10666	9536
37	1965 Regional Report Surplus Deficit	7320	7794	10579	8579	8010	8283	7808	9840	10179	9086	10615	12015	10058	8868
38	1966 Regional Report Surplus Deficit	7389	7869	8612	7774	7435	5947	5594	6994	7998	10984	9707	11580	9478	8773
39	1967 Regional Report Surplus Deficit	6828	6162	8937	6743	6740	6117	7612	9293	10313	8492	6444	11775	10377	9295
40	1968 Regional Report Surplus Deficit	7295	7452	9446	7428	7808	5998	6818	8620	10242	6339	7792	11365	10052	8950
41	1969 Regional Report Surplus Deficit	7194	7786	10902	8878	8819	6937	7714	9317	10120	10716	10447	12383	10426	9044
42	1970 Regional Report Surplus Deficit	7171	6847	9024	7214	7301	5334	6041	7560	9065	7510	8490	12236	10435	8120
43	1971 Regional Report Surplus Deficit	6758	5823	8491	6790	6770	5746	7893	9712	10981	10601	10254	12124	10707	9452
44	1972 Regional Report Surplus Deficit	7604	8112	10026	8045	7609	6381	7836	9796	10782	10964	10139	12160	10266	9480
45	1973 Regional Report Surplus Deficit	7371	7909	10388	7794	7662	6024	6019	5578	7446	5445	7066	10845	6719	6607
46	1974 Regional Report Surplus Deficit	5762	4777	8231	6928	6844	6902	8241	9765	10414	10348	10159	11608	10470	9837
47	1975 Regional Report Surplus Deficit	7431	7940	10070	6844	6764	5405	6425	7988	9881	7185	8303	12054	10576	9454
48	1976 Regional Report Surplus Deficit	7401	8019	10350	9243	8975	8797	8162	9637	10503	10871	10228	12202	10388	9344
49	1977 Regional Report Surplus Deficit	7678	8143	12025	7918	6997	4838	3189	4787	5797	5417	7441	9204	2333	4751
50	1978 Regional Report Surplus Deficit	4271	3401	6645	5335	5330	6642	5676	6857	9784	10522	9841	12295	9369	8893
51	1979 Regional Report Surplus Deficit	6560	5986	10741	7914	7288	5102	3808	6127	9706	6986	8939	12547	9080	5773
52	1980 Regional Report Surplus Deficit	4868	4913	8501	6524	6290	4861	5042	4879	7773	7728	10263	12763	10138	8011
53	1981 Regional Report Surplus Deficit	5382	4630	8931	7106	6887	7376	7190	9116	9751	5384	8689	12061	10286	8925
54	1982 Regional Report Surplus Deficit	7241	7652	9466	7301	7692	5900	6913	9962	10826	10910	9808	11890	10673	9646

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	7453	7983	11120	9060	7968	6546	7440	8942	11218	10161	9736	12027	10405	9251
56	1984 Regional Report Surplus Deficit	7433	8074	10206	7588	9200	6883	7001	8695	10888	11243	10346	12235	10737	9263
57	1985 Regional Report Surplus Deficit	7568	6979	10232	7711	8018	5981	5521	6718	7454	9229	10093	12226	9339	4218
58	1986 Regional Report Surplus Deficit	4614	4272	8869	7495	8486	6002	6160	9164	11286	10943	10364	12023	9831	8410
59	1987 Regional Report Surplus Deficit	6612	5579	8272	6796	7194	6130	4625	4997	9462	6345	8664	11930	8498	6440
60	1988 Regional Report Surplus Deficit	5313	4141	7789	6631	5805	4767	2675	3085	6813	5927	8220	11269	7167	7362
61	1989 Regional Report Surplus Deficit	6217	5546	8107	6725	6347	5396	2821	3824	8837	10250	10297	12065	9190	7329
62	1990 Regional Report Surplus Deficit	5763	4962	8199	6796	7311	6281	6655	8222	10053	8495	10416	11870	10226	8730
63	1991 Regional Report Surplus Deficit	7218	7256	8748	6614	8866	6973	7364	8955	9464	9861	9051	11874	9937	8992
64	1992 Regional Report Surplus Deficit	7272	7597	8596	6724	6601	4771	3599	5353	9466	5496	7024	10767	4682	5047
65	1993 Regional Report Surplus Deficit	4397	3845	7297	6606	6476	4961	2270	2718	7537	7105	7918	11968	9644	8147
66	1994 Regional Report Surplus Deficit	6573	5855	9022	6772	6746	5037	2691	3986	6129	6209	8598	11954	8833	7169
67	1995 Regional Report Surplus Deficit	5774	4406	8294	6663	5536	5123	3420	8149	10810	7404	8269	12414	10389	8511
68	1996 Regional Report Surplus Deficit	6589	5842	9547	8568	8977	8688	8051	10228	10928	11051	11010	12335	10295	9248
69	1997 Regional Report Surplus Deficit	7351	7742	9523	7093	7612	6973	8003	9626	10651	10555	10550	12000	10158	9475
70	1998 Regional Report Surplus Deficit	7516	8110	11212	10759	8713	6072	5508	8030	9053	6817	9522	12460	10587	9039
71	1999 Regional Report Surplus Deficit	7522	7358	8817	6958	6600	6485	7878	9718	10656	9707	10368	12072	10697	9621
72	2000 Regional Report Surplus Deficit	7801	8333	10299	7485	8855	7461	6453	7740	10156	11031	10602	12188	8706	8646
73	2001 Regional Report Surplus Deficit	7209	5420	8151	7010	6143	4879	2907	4338	6251	5776	7444	10684	2169	5666
74	2002 Regional Report Surplus Deficit	4458	3314	6898	5028	5172	4985	2996	4774	8397	8258	10213	11891	10190	9144
75	2003 Regional Report Surplus Deficit	5826	5833	8378	6700	6617	5011	3029	4951	10017	8195	9177	11830	10053	7115
76	2004 Regional Report Surplus Deficit	5631	4663	7887	7053	7822	5200	3101	4441	9588	7089	8534	11894	8965	7455
77	2005 Regional Report Surplus Deficit	4723	5238	9992	7428	7042	5695	5064	6826	7272	5786	7927	11865	9328	7988
78	2006 Regional Report Surplus Deficit	6140	4896	8313	6334	7026	5809	6238	8564	10131	11004	10530	12254	10551	8806
79	2007 Regional Report Surplus Deficit	7126	4588	7716	6562	7051	5871	6274	5954	11113	9947	9286	11998	8748	8622
80	2008 Regional Report Surplus Deficit	6390	4797	7506	6176	7183	4818	4270	5046	7990	7745	6930	11951	10679	9194

Ranked Averages

81	**Bottom 10 pct**	**4581**	**4033**	**7941**	**6507**	**6388**	**5378**	**4138**	**5500**	**8147**	**7634**	**8311**	**11946**	**9415**	**7875**
82	**Middle 80 pct**	**6660**	**6264**	**8926**	**7331**	**7179**	**6042**	**5636**	**7154**	**9323**	**8742**	**9233**	**11886**	**9370**	**8273**
83	**Top 10 pct**	**7581**	**7877**	**10668**	**8182**	**7881**	**6233**	**6079**	**7618**	**8908**	**8770**	**9508**	**11737**	**9122**	**8083**

Regional Report Surplus Deficit By Water Year

Operating Year 2018

2014 White Book Report Date: **10/31/2014**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	5502	5652	8231	6564	6006	4366	2986	4169	5857	6198	8359	10832	9619	4021
2	1930 Regional Report Surplus Deficit	4900	4644	8330	6492	5981	4265	1653	4540	5862	7489	9598	10378	6392	6189
3	1931 Regional Report Surplus Deficit	5495	4373	7718	6413	6295	4240	1612	2572	5232	6234	3413	11939	6117	6364
4	1932 Regional Report Surplus Deficit	4473	3874	7072	6210	5186	4271	1435	2400	8774	11674	11154	12975	11232	7839
5	1933 Regional Report Surplus Deficit	5576	6298	8859	6858	6349	5327	6795	7777	9527	8852	10019	12398	11502	8551
6	1934 Regional Report Surplus Deficit	7249	7300	8849	7911	8822	8053	7847	9684	10386	11400	10762	12332	9886	6601
7	1935 Regional Report Surplus Deficit	4835	4353	6961	6508	5512	4270	6611	7832	9422	7162	10165	12398	10104	7788
8	1936 Regional Report Surplus Deficit	6927	5450	7590	6299	5853	4173	1878	3951	6457	8077	11108	13269	11191	6771
9	1937 Regional Report Surplus Deficit	5375	4955	7610	6042	6153	4258	2113	2599	5371	6717	4847	11684	8806	4880
10	1938 Regional Report Surplus Deficit	5654	5097	7904	6643	5746	4966	6236	7621	10025	11011	11470	12887	10837	7860
11	1939 Regional Report Surplus Deficit	5107	4773	8539	6837	5584	4399	4332	5330	8085	9274	10674	13098	8306	6276
12	1940 Regional Report Surplus Deficit	5426	4757	7980	6892	6899	4852	3838	4871	10809	9650	10187	12909	8391	5737
13	1941 Regional Report Surplus Deficit	3866	3600	7553	6428	6043	4755	3191	4387	7283	5770	7623	11433	7735	6027
14	1942 Regional Report Surplus Deficit	4363	4237	8584	6461	6850	6080	5569	5425	8964	7745	9868	12134	10121	7983
15	1943 Regional Report Surplus Deficit	6260	5938	9437	6250	5513	5135	7038	8547	9993	12184	11672	12854	11608	8648
16	1944 Regional Report Surplus Deficit	6192	5636	8290	6587	6297	4494	3061	4349	5381	6320	8447	8968	4839	4525
17	1945 Regional Report Surplus Deficit	3500	2812	6776	6432	5654	4180	2011	3748	5672	6347	3635	12564	10828	4584
18	1946 Regional Report Surplus Deficit	5433	4264	7028	6415	6481	5345	5582	6172	10192	11442	11414	12892	10605	8252
19	1947 Regional Report Surplus Deficit	7125	7071	9161	6332	7197	7659	7459	9298	10129	10697	10599	12919	10763	7957
20	1948 Regional Report Surplus Deficit	6847	6575	8715	10197	8681	6469	7529	8579	9258	9864	11208	13092	11079	8352
21	1949 Regional Report Surplus Deficit	7189	7804	9606	7036	6969	5031	5292	5375	10482	10558	11436	13132	11008	5094
22	1950 Regional Report Surplus Deficit	3848	4232	7008	6617	5557	5114	7475	9049	10254	11662	11081	12493	11656	8990
23	1951 Regional Report Surplus Deficit	7225	7213	9221	8413	9075	7846	7683	9892	10233	11545	11146	12710	10851	8254
24	1952 Regional Report Surplus Deficit	7150	6476	8916	9731	8222	6510	7246	8915	9951	11818	11633	13124	11140	7999
25	1953 Regional Report Surplus Deficit	6568	6518	7153	6237	5931	4348	4664	7710	9297	8142	10077	12956	11682	8261
26	1954 Regional Report Surplus Deficit	6538	6366	8938	6968	7326	5906	7486	9207	10028	10290	10784	12782	11242	8690
27	1955 Regional Report Surplus Deficit	7355	8105	11062	7133	8128	5746	4825	4988	6066	7749	9101	12309	11593	8845
28	1956 Regional Report Surplus Deficit	7242	7047	8472	7486	8569	7644	7840	9660	9790	11060	10849	12927	11583	8579
29	1957 Regional Report Surplus Deficit	7311	7578	9081	7413	6925	6159	5805	4667	10420	11714	10574	13480	11520	7666
30	1958 Regional Report Surplus Deficit	6590	5369	8419	6452	6530	5175	6213	8007	9680	9624	11353	13086	11315	7260
31	1959 Regional Report Surplus Deficit	5483	5403	7992	6628	7816	7244	7836	9548	10201	11205	10433	12638	11194	8476
32	1960 Regional Report Surplus Deficit	7287	7199	11230	10713	8908	6892	6588	7523	9987	12156	11038	12816	11099	7658
33	1961 Regional Report Surplus Deficit	6543	5505	8156	6971	6827	5268	6304	8812	10445	10372	10039	12616	10927	7362
34	1962 Regional Report Surplus Deficit	6465	5287	7972	6302	6613	4792	6218	7357	7283	11831	11285	12912	10582	7428
35	1963 Regional Report Surplus Deficit	6298	6170	7569	7676	8191	6944	6369	8086	9653	8075	9876	13334	10834	7587
36	1964 Regional Report Surplus Deficit	6126	5426	9217	6557	6415	5308	4859	5989	7510	10749	9523	12640	11626	8738
37	1965 Regional Report Surplus Deficit	7267	7488	10023	8217	7837	7712	7513	9448	9692	9987	11346	12700	10941	7833
38	1966 Regional Report Surplus Deficit	7263	7520	8091	7431	7197	5603	5731	6868	8051	11741	10590	12235	10295	7751
39	1967 Regional Report Surplus Deficit	6348	5509	8458	6344	6470	5773	7458	9103	9807	9343	7439	12533	11347	8451
40	1968 Regional Report Surplus Deficit	6995	6940	8974	7054	7580	5645	7078	8648	10209	7254	8742	11922	10930	7963
41	1969 Regional Report Surplus Deficit	7005	7491	10275	8509	8726	6536	7429	8968	9615	11435	11194	13063	11300	8030
42	1970 Regional Report Surplus Deficit	6792	6204	8545	6824	7071	4845	6210	7459	9120	8413	9426	12991	11328	7131
43	1971 Regional Report Surplus Deficit	6040	5204	7979	6392	6488	5357	7604	9581	10480	11392	11022	12841	11680	8579
44	1972 Regional Report Surplus Deficit	7545	8170	9552	7698	7387	6038	7575	9420	10281	11681	11005	12809	11219	8641
45	1973 Regional Report Surplus Deficit	7299	8018	9871	7428	7450	5655	6190	5361	7479	6261	8041	11424	7809	5745
46	1974 Regional Report Surplus Deficit	4890	4266	7722	6572	6559	6501	7957	9671	9927	11101	10795	12005	11444	8991
47	1975 Regional Report Surplus Deficit	7389	8050	9571	6414	6487	4896	6671	7940	9858	8092	9259	12771	11520	8735
48	1976 Regional Report Surplus Deficit	7268	7694	9813	8863	8911	8254	7967	9580	9998	11588	11013	12924	11266	8521
49	1977 Regional Report Surplus Deficit	7473	8252	11684	7566	6754	4328	3084	4555	5641	6076	7967	8833	3663	3966
50	1978 Regional Report Surplus Deficit	3349	2909	6017	4794	5210	6211	5782	6739	9791	11304	10722	13007	10206	7868
51	1979 Regional Report Surplus Deficit	5810	5356	10112	7557	7059	4568	3715	5939	9738	7897	9863	13283	9948	4988
52	1980 Regional Report Surplus Deficit	3828	4368	8004	6113	6010	4205	5097	4585	7815	8613	11097	13448	11028	6918
53	1981 Regional Report Surplus Deficit	4444	4189	8460	6729	6649	6902	7414	9170	9740	6267	9635	12816	11289	8020
54	1982 Regional Report Surplus Deficit	7187	7277	8995	6906	7479	5535	7173	9656	10324	11675	10685	12563	11641	9017

Regional Report Surplus Deficit By Water Year

Operating Year 2018

2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	7379	7983	10502	8696	7767	6177	7684	8998	10717	11029	10614	12741	11280	8322
56	1984 Regional Report Surplus Deficit	7378	7905	9690	7236	9155	6500	7262	8731	10794	11990	11144	12945	11686	8330
57	1985 Regional Report Surplus Deficit	7358	6325	9720	7329	7806	5623	5603	6574	7482	10115	10949	12926	10187	3617
58	1986 Regional Report Surplus Deficit	3454	3973	8375	7123	8325	5665	6349	9220	10973	11667	11153	12784	10683	7388
59	1987 Regional Report Surplus Deficit	5824	4981	7735	6349	6952	5783	4599	4728	9502	6861	9270	12636	9343	5584
60	1988 Regional Report Surplus Deficit	4337	3780	7251	6253	5509	4111	2308	2662	6799	6823	9181	11776	8243	6408
61	1989 Regional Report Surplus Deficit	5497	4937	7594	6324	6049	4989	2433	3440	8904	11093	11044	12825	10056	6414
62	1990 Regional Report Surplus Deficit	4813	4493	7673	6418	7099	5910	6875	8209	9986	9380	11239	12630	11106	7699
63	1991 Regional Report Surplus Deficit	7025	6692	8242	6183	8801	6506	7272	8987	9444	10697	9987	12632	10791	8160
64	1992 Regional Report Surplus Deficit	7211	7157	8054	6330	6331	4122	3470	5134	9431	6302	7532	11056	5837	4211
65	1993 Regional Report Surplus Deficit	3472	3331	6764	6251	6213	4475	1765	2251	7567	8013	8889	12719	10485	7162
66	1994 Regional Report Surplus Deficit	5901	5211	8558	6374	6523	4618	2281	3650	5944	6721	9183	12585	9646	6247
67	1995 Regional Report Surplus Deficit	4980	3881	7820	6294	5235	4661	3139	8095	10646	8300	9209	13176	11275	7493
68	1996 Regional Report Surplus Deficit	5763	5220	9031	8232	8973	8193	7769	9940	10429	11842	11739	13009	11188	8442
69	1997 Regional Report Surplus Deficit	7268	7349	9046	6710	7402	6578	7698	9247	10163	11274	11187	12731	11112	8687
70	1998 Regional Report Surplus Deficit	7450	8174	10596	10414	8620	5712	5607	7997	9116	7731	10424	13092	11498	8008
71	1999 Regional Report Surplus Deficit	7352	6735	8318	6552	6309	6137	7641	9354	10154	10600	11207	12819	11623	8858
72	2000 Regional Report Surplus Deficit	7694	8419	9757	7141	8822	6981	6677	7665	10102	11796	11342	12899	9633	7616
73	2001 Regional Report Surplus Deficit	6760	4908	7603	6611	5840	4358	2766	4070	6187	6294	7961	10593	3601	4790
74	2002 Regional Report Surplus Deficit	3530	2895	6269	4463	4964	4479	2642	4512	8467	9106	11007	12652	11116	8221
75	2003 Regional Report Surplus Deficit	4830	5229	7874	6324	6387	4538	2686	4699	9990	9037	10081	12587	10912	6263
76	2004 Regional Report Surplus Deficit	4639	4208	7326	6698	7648	4749	2799	4125	9591	7992	9464	12624	9836	6528
77	2005 Regional Report Surplus Deficit	3637	4725	9445	7075	6798	5330	5200	6705	7312	6696	8883	12626	10178	6996
78	2006 Regional Report Surplus Deficit	5321	4351	7803	5929	6802	5457	6439	8542	10032	11755	11297	12928	11478	7716
79	2007 Regional Report Surplus Deficit	6558	4175	7095	6150	6766	5525	6508	5772	10835	10789	10183	12750	9632	7593
80	2008 Regional Report Surplus Deficit	5528	4345	6878	5803	6980	4285	4240	4817	8054	8620	7911	12654	11692	8170

Ranked Averages

81	**Bottom 10 pct**	**3577**	**3656**	**7332**	**6108**	**6091**	**4957**	**4540**	**5851**	**8481**	**9176**	**9558**	**12787**	**10773**	**7266**
82	**Middle 80 pct**	**6128**	**5736**	**8416**	**6944**	**6953**	**5587**	**5506**	**6887**	**9036**	**9428**	**9987**	**12503**	**10249**	**7325**
83	**Top 10 pct**	**7458**	**7910**	**10134**	**7812**	**7850**	**5782**	**6270**	**7735**	**9249**	**9814**	**10338**	**12377**	**10086**	**7154**

Regional Report Surplus Deficit By Water Year

Operating Year 2019

2014 White Book Report Date: **10/31/2014**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	5674	5212	7833	6364	5484	3990	2455	3740	5015	5035	7246	9694	8117	3809
2	1930 Regional Report Surplus Deficit	5075	4168	7899	6240	5423	3910	1446	4122	5044	6116	8474	9236	4397	6249
3	1931 Regional Report Surplus Deficit	5501	3907	7297	6166	5702	3812	1358	2293	4505	5003	2545	10379	4202	6459
4	1932 Regional Report Surplus Deficit	4696	3235	6722	5985	4687	3884	1284	2200	7736	10426	10145	11351	9869	8009
5	1933 Regional Report Surplus Deficit	5752	5782	8464	6621	5805	4797	5791	7261	8443	7579	8926	10659	10034	8482
6	1934 Regional Report Surplus Deficit	6642	6632	8462	7659	8014	7653	7434	8924	9889	10122	9738	10624	8553	6721
7	1935 Regional Report Surplus Deficit	5064	3825	6587	6254	5020	3972	5659	7206	8473	5869	9048	10707	8706	7957
8	1936 Regional Report Surplus Deficit	6485	5019	7246	6095	5320	3790	1636	3548	5557	6691	10081	11634	9852	6874
9	1937 Regional Report Surplus Deficit	5559	4456	7244	5860	5574	3846	1755	2290	4608	5503	3883	10222	7161	4779
10	1938 Regional Report Surplus Deficit	5745	4633	7509	6401	5237	4534	5349	7009	9212	9720	10488	11218	9501	8033
11	1939 Regional Report Surplus Deficit	5359	4219	8135	6612	5082	4095	3681	4837	7062	7829	9596	11360	6673	6322
12	1940 Regional Report Surplus Deficit	5541	4264	7566	6627	6286	4371	3227	4441	10099	8279	9084	11185	6775	5734
13	1941 Regional Report Surplus Deficit	4238	2947	7146	6225	5511	4322	2732	3968	6278	4646	6507	9813	6132	6125
14	1942 Regional Report Surplus Deficit	4583	3729	8212	6280	6279	5574	4739	4931	7948	6373	8753	10457	8752	8109
15	1943 Regional Report Surplus Deficit	6051	5503	9085	6073	4235	4664	6084	7912	9076	10906	10705	11127	10164	8513
16	1944 Regional Report Surplus Deficit	6149	5191	7911	6401	5748	4148	2510	3913	4655	5105	7330	8202	2689	4489
17	1945 Regional Report Surplus Deficit	3753	2183	6386	6189	5121	3765	1777	3403	4914	5202	2792	10820	9500	4451
18	1946 Regional Report Surplus Deficit	5518	3704	6758	6225	5918	4835	4753	5670	9514	10166	10443	11251	9255	8369
19	1947 Regional Report Surplus Deficit	6689	6484	8755	6181	6595	7276	6858	8587	9616	9307	9522	11244	9435	8120
20	1948 Regional Report Surplus Deficit	6472	6100	8290	9903	7934	5973	6601	7914	8252	8504	10182	11462	9594	8371
21	1949 Regional Report Surplus Deficit	6578	6911	9249	6829	6379	4554	4462	4885	9906	9223	10439	11527	9681	5029
22	1950 Regional Report Surplus Deficit	4273	3454	6738	6406	5066	4610	6538	8300	9788	10427	10048	10794	10203	8759
23	1951 Regional Report Surplus Deficit	6696	6612	8824	8153	8291	7466	7267	9446	9760	10294	10117	11067	9525	8278
24	1952 Regional Report Surplus Deficit	6704	6022	8502	9439	7551	6013	6260	8306	9022	10584	10667	11537	9812	8170
25	1953 Regional Report Surplus Deficit	6201	6049	6875	6051	5391	3962	3955	7115	8281	6752	8954	11253	10162	8395
26	1954 Regional Report Surplus Deficit	6424	5915	8511	6733	6722	5367	6520	8511	9422	8946	9716	11117	9838	8497
27	1955 Regional Report Surplus Deficit	6806	7069	10722	6913	7449	5208	4113	4510	5179	6398	7972	10578	10146	8645
28	1956 Regional Report Surplus Deficit	6620	6456	8071	7236	7842	7260	7333	9028	9247	9781	9994	11316	10130	8570
29	1957 Regional Report Surplus Deficit	6747	6854	8669	7199	6350	5638	4941	4243	9567	10469	9483	11769	10001	7891
30	1958 Regional Report Surplus Deficit	6440	4916	8000	6241	5949	4711	5346	7402	8734	8244	10320	11501	9939	7400
31	1959 Regional Report Surplus Deficit	6319	4809	7597	6425	7182	6832	7154	8776	9708	9949	9315	10926	9794	8372
32	1960 Regional Report Surplus Deficit	6664	6554	10758	10329	8097	6474	5603	7013	9052	10908	10005	11081	9751	7831
33	1961 Regional Report Surplus Deficit	6355	5045	7767	6712	6243	4751	5394	8132	9858	9059	8889	10955	9491	7530
34	1962 Regional Report Surplus Deficit	6306	4869	7572	6100	6026	4349	5309	6761	6297	10573	10301	11228	9240	7587
35	1963 Regional Report Surplus Deficit	6188	5727	7254	7418	7509	6510	5607	7164	8717	6700	8750	11591	9506	7760
36	1964 Regional Report Surplus Deficit	5981	5002	8794	6354	5854	4795	4142	5456	6510	9442	8394	10908	10170	8601
37	1965 Regional Report Surplus Deficit	6656	6711	9680	7965	7173	7340	7099	9105	9232	8630	10361	11082	9574	8011
38	1966 Regional Report Surplus Deficit	6725	6791	7713	7163	6599	5051	4901	6289	7028	10509	9494	10607	8948	7917
39	1967 Regional Report Surplus Deficit	6157	5085	8038	6132	5904	5222	6869	8541	9342	7976	6516	10798	9888	8411
40	1968 Regional Report Surplus Deficit	6630	6364	8547	6817	6972	5103	6124	7997	9329	5917	7614	10405	9581	8097
41	1969 Regional Report Surplus Deficit	6529	6708	10004	8242	7982	6042	7020	8576	9147	10192	10205	11471	9946	8189
42	1970 Regional Report Surplus Deficit	6502	5770	8125	6603	6464	4439	5348	7020	7940	7004	8297	11258	9935	7250
43	1971 Regional Report Surplus Deficit	6079	4721	7592	6178	5934	4851	7194	9007	10007	10110	9999	11244	10222	8601
44	1972 Regional Report Surplus Deficit	6941	7172	9128	7434	6773	5485	7116	9089	9809	10402	9951	11258	9784	8518
45	1973 Regional Report Surplus Deficit	6705	6984	9489	7183	6826	5129	5325	4874	6476	5030	6923	9881	6088	5726
46	1974 Regional Report Surplus Deficit	5077	3699	7332	6317	6008	6007	7543	9064	9467	9832	9941	10686	9984	8764
47	1975 Regional Report Surplus Deficit	6767	7013	9171	6232	5928	4510	5732	7324	8899	6689	8130	11090	10084	8603
48	1976 Regional Report Surplus Deficit	6737	6936	9452	8592	8129	7887	7426	8938	9528	10309	9992	11331	9909	8473
49	1977 Regional Report Surplus Deficit	7011	7217	11130	7307	6160	3942	2496	4083	4828	4868	6856	8067	1376	3899
50	1978 Regional Report Surplus Deficit	3607	2324	5747	4723	4494	5746	4921	6208	8846	10070	9631	11334	8846	8037
51	1979 Regional Report Surplus Deficit	5879	4885	9842	7303	6452	4207	3115	5423	8745	6521	8737	11574	8536	4885
52	1980 Regional Report Surplus Deficit	4174	3835	7602	5913	5453	3966	4349	4175	6804	7209	10054	11838	9654	7023
53	1981 Regional Report Surplus Deficit	4694	3553	8032	6495	6050	6462	6486	8466	8811	5107	8445	11083	9811	8072
54	1982 Regional Report Surplus Deficit	6567	6567	8567	6689	6855	5005	6219	9258	9851	10430	9620	10940	10175	8759

Regional Report Surplus Deficit By Water Year

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2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	6789	7024	10221	8437	7131	5651	6747	8312	10243	9719	9530	11060	9908	8398
56	1984 Regional Report Surplus Deficit	6769	7044	9307	6976	8354	5988	6307	8072	9984	10752	10174	11267	10245	8410
57	1985 Regional Report Surplus Deficit	6902	5883	9333	7099	7181	5085	4706	6015	6486	8757	9918	11267	8828	3366
58	1986 Regional Report Surplus Deficit	3950	3194	7970	6884	7650	5106	5453	8576	10317	10419	10189	11043	9358	7549
59	1987 Regional Report Surplus Deficit	5930	4502	7373	6184	6357	5235	3932	4293	8503	5618	8132	10895	7912	5558
60	1988 Regional Report Surplus Deficit	4622	3064	6890	6019	4969	3872	1982	2381	5844	5613	8052	10315	6542	6491
61	1989 Regional Report Surplus Deficit	5538	4469	7209	6113	5510	4501	2127	3120	7867	9792	10057	11085	8646	6463
62	1990 Regional Report Surplus Deficit	5100	3885	7300	6185	6474	5386	5865	7476	9146	8024	10221	10892	9753	7871
63	1991 Regional Report Surplus Deficit	6552	6166	7849	6002	8016	6059	6566	8237	8479	9367	8885	10897	9453	8103
64	1992 Regional Report Surplus Deficit	6608	6511	7697	6113	5765	3876	2906	4649	8497	5071	6421	9565	3981	4163
65	1993 Regional Report Surplus Deficit	3709	2767	6398	5995	5639	4066	1577	2013	6567	6628	7766	10990	9110	7279
66	1994 Regional Report Surplus Deficit	5896	4758	8124	6160	5909	4142	1997	3282	5160	5516	8040	10877	8241	6293
67	1995 Regional Report Surplus Deficit	5092	3329	7395	6052	4700	4228	2727	7478	9873	6901	8080	11436	9907	7649
68	1996 Regional Report Surplus Deficit	5905	4765	8648	7957	8147	7793	7357	9524	9957	10590	10766	11388	9806	8369
69	1997 Regional Report Surplus Deficit	6687	6665	8624	6482	6776	6078	7268	8916	9704	9995	10332	11115	9679	8533
70	1998 Regional Report Surplus Deficit	6852	7171	10313	10112	7876	5177	4815	7381	8084	6369	9320	11500	10076	8181
71	1999 Regional Report Surplus Deficit	6857	6281	7919	6347	5764	5590	7183	9021	9681	9280	10186	11100	10195	8711
72	2000 Regional Report Surplus Deficit	7135	7400	9400	6874	8012	6544	5759	7059	9209	10527	10351	11225	8138	7787
73	2001 Regional Report Surplus Deficit	6538	4343	7252	6399	5306	3984	2214	3634	5282	5111	6850	9367	1246	4786
74	2002 Regional Report Surplus Deficit	3770	2237	5999	4417	4336	4090	2303	4070	7428	7705	9992	10911	9704	8284
75	2003 Regional Report Surplus Deficit	5135	4730	7479	6089	5781	4116	2336	4247	9063	7638	8969	10848	9577	6294
76	2004 Regional Report Surplus Deficit	4939	3585	6988	6442	6986	4305	2407	3737	8635	6597	8337	10913	8420	6580
77	2005 Regional Report Surplus Deficit	4026	4161	9093	6817	6206	4800	4370	6122	6303	5411	7754	10883	8791	7121
78	2006 Regional Report Surplus Deficit	5457	3818	7415	5722	6190	4914	5545	7828	9225	10521	10326	11304	10076	7903
79	2007 Regional Report Surplus Deficit	6452	3511	6817	5951	6215	4976	5580	5250	10151	9506	9076	11023	8174	7765
80	2008 Regional Report Surplus Deficit	5705	3720	6608	5565	6346	3923	3577	4342	7020	7218	6815	10987	10188	8336
	Ranked Averages														
81	**Bottom 10 pct**	**3903**	**2956**	**7043**	**5895**	**5551**	**4483**	**3435**	**4817**	**7182**	**7161**	**8086**	**10954**	**8887**	**6984**
82	**Middle 80 pct**	**5995**	**5186**	**8027**	**6717**	**6342**	**5141**	**4930**	**6464**	**8356**	**8250**	**8990**	**10909**	**8836**	**7397**
83	**Top 10 pct**	**6912**	**6902**	**9771**	**7565**	**7043**	**5336**	**5367**	**6934**	**7940**	**8290**	**9261**	**10757**	**8556**	**7188**

Regional Report Surplus Deficit By Water Year

Operating Year 2020

2014 White Book Report Date: **10/31/2014**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	5079	4798	7584	6107	5268	3739	2232	3551	5254	5234	7443	10121	8996	3208
2	1930 Regional Report Surplus Deficit	4477	3809	7683	6032	5244	3639	899	3923	5258	6524	8682	9667	5771	5377
3	1931 Regional Report Surplus Deficit	5092	3538	7070	5986	5558	3613	858	1954	4628	5270	2497	11230	5496	5551
4	1932 Regional Report Surplus Deficit	4048	3039	6425	5770	4448	3644	680	1782	8171	10709	10175	12262	10612	7025
5	1933 Regional Report Surplus Deficit	5182	5447	8255	6450	5620	4700	5956	7277	8794	8011	9131	11689	10830	7649
6	1934 Regional Report Surplus Deficit	6851	6452	8246	7571	8084	7426	7087	9062	9780	10433	9768	11623	9204	5788
7	1935 Regional Report Surplus Deficit	4409	3518	6314	6103	4774	3643	5819	7214	8819	6198	9249	11688	9485	6975
8	1936 Regional Report Surplus Deficit	6525	4615	6943	5837	5116	3546	1123	3333	5853	7112	10191	12558	10574	5963
9	1937 Regional Report Surplus Deficit	4952	4121	6962	5553	5416	3631	1358	1982	4768	5753	3931	10972	8184	4067
10	1938 Regional Report Surplus Deficit	5235	4263	7257	6200	5009	4339	5482	7004	9418	10003	10503	12179	10215	7048
11	1939 Regional Report Surplus Deficit	4680	3938	7919	6444	4847	3772	3577	4712	7482	8256	9756	12389	7685	5463
12	1940 Regional Report Surplus Deficit	5006	3923	7333	6498	6205	4226	3083	4254	10198	8686	9271	12198	7770	4924
13	1941 Regional Report Surplus Deficit	3470	2765	6906	6031	5334	4128	2437	3770	6680	4806	6707	10721	7114	5215
14	1942 Regional Report Surplus Deficit	3938	3403	8004	6103	6176	5515	4814	4808	8361	6781	8952	11425	9500	7170
15	1943 Regional Report Surplus Deficit	5849	5103	8857	5809	4776	4508	6250	7930	9386	11217	10693	12144	11002	7829
16	1944 Regional Report Surplus Deficit	5777	4780	7643	6125	5559	3867	2306	3731	4778	5356	7531	8258	4218	3712
17	1945 Regional Report Surplus Deficit	3104	1977	6128	6032	4917	3553	1257	3130	5069	5383	2719	11852	10212	3788
18	1946 Regional Report Surplus Deficit	5014	3429	6381	5966	5744	4718	4797	5595	9584	10408	10446	12182	9983	7439
19	1947 Regional Report Surplus Deficit	6721	6236	8545	5884	6489	7099	6701	8647	9509	9646	9695	12206	10146	7144
20	1948 Regional Report Surplus Deficit	6442	5741	8067	9782	8021	5906	6750	7944	8654	8900	10224	12260	10374	7540
21	1949 Regional Report Surplus Deficit	6793	6961	9035	6655	6255	4404	4538	4758	9875	9567	10463	12422	10391	4296
22	1950 Regional Report Surplus Deficit	3412	3398	6361	6186	4819	4487	6697	8343	9652	10668	10166	11790	10967	7978
23	1951 Regional Report Surplus Deficit	6826	6364	8613	8077	8387	7284	6918	9271	9626	10606	10159	11999	10236	7430
24	1952 Regional Report Surplus Deficit	6852	5641	8281	9350	7570	5945	6421	8338	9348	10826	10655	12371	10527	7187
25	1953 Regional Report Surplus Deficit	6163	5666	6505	5750	5194	3722	3909	7093	8693	7178	9161	12247	10951	7448
26	1954 Regional Report Surplus Deficit	6125	5513	8291	6541	6641	5299	6681	8558	9422	9332	9884	12078	10558	7696
27	1955 Regional Report Surplus Deficit	6986	7270	10530	6746	7486	5147	4070	4371	5463	6785	8185	11598	10973	7861
28	1956 Regional Report Surplus Deficit	6846	6198	7824	7098	7921	7083	7065	8974	9111	10094	9931	12138	10881	7750
29	1957 Regional Report Surplus Deficit	6912	6731	8453	7057	6218	5578	5050	4050	9811	10716	9658	12662	10808	6906
30	1958 Regional Report Surplus Deficit	6178	4531	7772	5994	5793	4548	5458	7389	9076	8659	10434	12383	10702	6449
31	1959 Regional Report Surplus Deficit	6000	4438	7344	6203	7172	6697	7062	8873	9606	10214	9464	11932	10577	7560
32	1960 Regional Report Surplus Deficit	6890	6343	10733	10243	8171	6348	5767	7005	9384	11192	10046	12105	10480	6847
33	1961 Regional Report Surplus Deficit	6133	4649	7508	6547	6101	4641	5544	8158	9838	9408	9091	11914	10208	6547
34	1962 Regional Report Surplus Deficit	6054	4452	7325	5825	5876	4165	5443	6740	6680	10816	10309	12203	9962	6615
35	1963 Regional Report Surplus Deficit	5885	5323	6922	7304	7544	6406	5770	7144	9049	7111	8960	12623	10218	6776
36	1964 Regional Report Surplus Deficit	5714	4591	8586	6103	5677	4681	4104	5372	6906	9760	8607	11929	10944	7811
37	1965 Regional Report Surplus Deficit	6869	6643	9440	7894	7166	7144	6754	8815	9097	9031	10365	11970	10303	7023
38	1966 Regional Report Surplus Deficit	6863	6685	7443	7034	6514	4976	4976	6251	7448	10754	9673	11525	9679	6938
39	1967 Regional Report Surplus Deficit	5938	4674	7810	5880	5733	5146	6699	8466	9204	8407	6695	11825	10640	7610
40	1968 Regional Report Surplus Deficit	6728	6090	8337	6649	6928	5027	6288	8013	9605	6290	7826	11211	10317	7150
41	1969 Regional Report Surplus Deficit	6603	6657	9706	8176	8067	5973	6673	8355	9007	10504	10217	12314	10668	7217
42	1970 Regional Report Surplus Deficit	6384	5369	7898	6387	6356	4219	5456	7004	8369	7433	8510	12281	10715	6322
43	1971 Regional Report Surplus Deficit	5623	4348	7332	5920	5751	4730	6844	8960	9872	10357	10040	12083	10985	7765
44	1972 Regional Report Surplus Deficit	7148	7330	8920	7300	6667	5421	6818	8799	9674	10713	10055	12096	10532	7724
45	1973 Regional Report Surplus Deficit	6904	7184	9273	7036	6746	5030	5436	4744	6876	5296	7125	10715	7188	4932
46	1974 Regional Report Surplus Deficit	4466	3431	7075	6122	5822	5942	7198	9053	9333	10144	9877	11291	10726	7970
47	1975 Regional Report Surplus Deficit	6993	7215	8961	5934	5749	4269	5884	7323	9254	7112	8343	12069	10882	7903
48	1976 Regional Report Surplus Deficit	6867	6850	9235	8526	8224	7655	7191	8958	9391	10620	10031	12158	10637	7654
49	1977 Regional Report Surplus Deficit	7102	7417	11159	7182	6016	3701	2329	3938	5037	5111	7051	8123	3041	3154
50	1978 Regional Report Surplus Deficit	2954	2074	5369	4293	4473	5686	4999	6159	9187	10311	9803	12306	9586	7055
51	1979 Regional Report Surplus Deficit	5391	4499	9548	7198	6356	3941	2961	5322	9135	6933	8944	12572	9326	4175
52	1980 Regional Report Surplus Deficit	3397	3533	7357	5627	5272	3578	4342	3968	7212	7648	10181	12673	10404	6108
53	1981 Regional Report Surplus Deficit	4018	3354	7816	6312	5914	6367	6635	8522	9136	5302	8657	12106	10615	7208
54	1982 Regional Report Surplus Deficit	6790	6431	8358	6483	6806	4908	6386	9034	9716	10671	9769	11846	10982	8080

Regional Report Surplus Deficit By Water Year

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2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	7013	7142	9938	8369	7093	5591	6903	8339	10109	10018	9698	12032	10644	7508
56	1984 Regional Report Surplus Deficit	6981	7062	9097	6800	8448	5925	6473	8089	10165	11000	10196	12237	11027	7519
57	1985 Regional Report Surplus Deficit	6955	5471	9123	6920	7123	4996	4767	5957	6880	9151	10022	12213	9581	2804
58	1986 Regional Report Surplus Deficit	3059	3138	7728	6694	7675	5038	5579	8620	10369	10703	10202	12075	10069	6583
59	1987 Regional Report Surplus Deficit	5404	4146	7088	5894	6218	5158	3844	4110	8898	5896	8346	11923	8721	4771
60	1988 Regional Report Surplus Deficit	3909	2945	6603	5796	4771	3484	1553	2044	6196	5858	8265	11065	7621	5596
61	1989 Regional Report Surplus Deficit	5079	4102	6947	5876	5311	4362	1678	2823	8301	10074	10063	12116	9437	5601
62	1990 Regional Report Surplus Deficit	4417	3658	7026	5959	6389	5326	6028	7498	9405	8448	10269	11923	10436	6887
63	1991 Regional Report Surplus Deficit	6623	5841	7595	5698	8112	5974	6514	8289	8834	9678	9045	11921	10170	7267
64	1992 Regional Report Surplus Deficit	6835	6309	7442	5858	5593	3495	2716	4517	8827	5338	6616	10346	5215	3399
65	1993 Regional Report Surplus Deficit	3047	2496	6117	5814	5476	3848	1011	1634	6963	7049	7973	12009	9864	6350
66	1994 Regional Report Surplus Deficit	5485	4358	7911	5939	5785	3991	1526	3033	5341	5756	8253	11874	9022	5434
67	1995 Regional Report Surplus Deficit	4559	3046	7173	5854	4498	4034	2385	7478	10028	7336	8293	12467	10656	6681
68	1996 Regional Report Surplus Deficit	5341	4385	8440	7885	8235	7566	7011	9320	9823	10902	10764	12296	10555	7552
69	1997 Regional Report Surplus Deficit	6908	6515	8407	6259	6701	6012	6923	8626	9570	10306	10270	11938	10455	7737
70	1998 Regional Report Surplus Deficit	7052	7335	10030	9983	7955	5085	4852	7380	8512	6767	9508	12378	10879	7196
71	1999 Regional Report Surplus Deficit	6950	5900	7671	6073	5571	5528	6882	8732	9547	9592	10236	12109	10959	7900
72	2000 Regional Report Surplus Deficit	7302	7580	9184	6700	8096	6444	5908	7048	9499	10768	10369	12195	9012	6803
73	2001 Regional Report Surplus Deficit	6351	4074	6956	6179	5102	3731	2011	3452	5583	5329	7045	9883	2980	3977
74	2002 Regional Report Surplus Deficit	3104	2060	5622	3962	4227	3852	1887	3894	7864	8142	10082	11941	10446	7427
75	2003 Regional Report Surplus Deficit	4401	4372	7227	5889	5650	3911	1932	4081	9386	8072	9165	11877	10285	5482
76	2004 Regional Report Surplus Deficit	4210	3373	6679	6285	6998	4122	2045	3507	8988	7027	8548	11915	9217	5716
77	2005 Regional Report Surplus Deficit	3202	3890	8862	6700	6113	4734	4445	6088	6709	5729	7967	11915	9558	6183
78	2006 Regional Report Surplus Deficit	4900	3516	7156	5471	6079	4830	5684	7843	9449	10766	10328	12207	10797	6962
79	2007 Regional Report Surplus Deficit	6145	3340	6447	5673	6071	4898	5738	5154	10229	9786	9267	12039	9012	6780
80	2008 Regional Report Surplus Deficit	5105	3510	6230	5372	6301	3658	3485	4199	7451	7656	6995	11944	10986	7356

Ranked Averages

81	**Bottom 10 pct**	**3160**	**2821**	**6693**	**5663**	**5372**	**4347**	**3777**	**5229**	**7878**	**8204**	**8637**	**12070**	**10138**	**6434**
82	**Middle 80 pct**	**5737**	**4866**	**7765**	**6523**	**6236**	**4978**	**4752**	**6287**	**8449**	**8492**	**9081**	**11793**	**9586**	**6412**
83	**Top 10 pct**	**7072**	**7294**	**9727**	**7377**	**7189**	**5198**	**5405**	**6911**	**8464**	**8534**	**9176**	**11591**	**9624**	**6959**

Regional Report Surplus Deficit By Water Year

Operating Year 2021

2014 White Book Report Date: **10/31/2014**

S117-WB-20141215-145700

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	4756	4775	7480	5793	4856	2379	404	1798	3364	4248	6193	8486	6124	1825
2	1930 Regional Report Surplus Deficit	4158	3731	7546	5668	4796	2299	-605	2179	3394	5329	7421	8100	2412	4265
3	1931 Regional Report Surplus Deficit	4584	3470	6944	5595	5074	2201	-692	351	2855	4216	1492	9246	2217	4475
4	1932 Regional Report Surplus Deficit	3778	2798	6369	5413	4059	2273	-767	257	6087	9639	9018	10142	7876	6025
5	1933 Regional Report Surplus Deficit	4835	5345	8111	6049	5177	3187	3740	5319	6793	6792	7873	9451	8026	6455
6	1934 Regional Report Surplus Deficit	5725	6195	8109	7087	7386	6042	5401	6982	8239	9421	8684	9486	6504	4737
7	1935 Regional Report Surplus Deficit	4147	3388	6233	5682	4392	2362	3608	5264	6823	5082	7995	9499	6722	5973
8	1936 Regional Report Surplus Deficit	5568	4582	6893	5523	4692	2180	-415	1605	3907	5904	9028	10426	7790	4880
9	1937 Regional Report Surplus Deficit	4642	4019	6891	5288	4946	2236	-295	348	2958	4716	2831	9014	5103	2796
10	1938 Regional Report Surplus Deficit	4828	4197	7155	5829	4609	2924	3298	5066	7562	8917	9375	10007	7442	6049
11	1939 Regional Report Surplus Deficit	4442	3782	7782	6041	4455	2484	1630	2894	5412	7042	8543	10152	4689	4338
12	1940 Regional Report Surplus Deficit	4624	3827	7213	6056	5658	2761	1176	2498	8448	7492	8031	9977	4791	3750
13	1941 Regional Report Surplus Deficit	3321	2510	6793	5653	4883	2711	682	2026	4628	3859	5454	8605	4137	4141
14	1942 Regional Report Surplus Deficit	3666	3292	7859	5708	5651	3964	2688	2988	6298	5586	7700	9249	6693	6126
15	1943 Regional Report Surplus Deficit	5134	5066	8731	5501	3607	3053	4033	5970	7426	10136	9599	9919	8091	6523
16	1944 Regional Report Surplus Deficit	5232	4754	7558	5829	5120	2538	459	1970	3005	4318	6277	6994	630	2505
17	1945 Regional Report Surplus Deficit	2836	1747	6032	5617	4493	2155	-274	1460	3264	4415	1739	9612	7441	2465
18	1946 Regional Report Surplus Deficit	4601	3267	6405	5653	5290	3224	2702	3728	7864	9368	9332	10026	7196	6386
19	1947 Regional Report Surplus Deficit	5772	6047	8402	5610	5967	5665	4807	6645	7966	8520	8469	10106	7375	6136
20	1948 Regional Report Surplus Deficit	5555	5663	7937	9331	7306	4363	4550	5972	6602	7717	9059	10167	7492	6388
21	1949 Regional Report Surplus Deficit	5661	6474	8896	6257	5751	2944	2412	2942	8256	8430	9321	10317	7693	3030
22	1950 Regional Report Surplus Deficit	3355	3017	6385	5835	4438	2999	4488	6358	8156	9630	8992	9577	8100	6684
23	1951 Regional Report Surplus Deficit	5779	6175	8471	7581	7663	5855	5233	7504	8128	9525	8986	9841	7540	6290
24	1952 Regional Report Surplus Deficit	5787	5585	8148	8868	6923	4402	4209	6363	7372	9789	9555	10277	7753	6111
25	1953 Regional Report Surplus Deficit	5284	5612	6521	5479	4763	2351	1904	5173	6630	5965	7901	10044	8050	6411
26	1954 Regional Report Surplus Deficit	5507	5479	8157	6162	6094	3756	4469	6569	7772	8159	8663	9900	7737	6397
27	1955 Regional Report Surplus Deficit	5892	6632	10356	6341	6821	3598	2063	2568	3529	5611	6919	9370	8152	6580
28	1956 Regional Report Surplus Deficit	5703	6020	7718	6664	7214	5650	5282	7085	7614	9012	8961	10042	8018	6501
29	1957 Regional Report Surplus Deficit	5830	6417	8316	6627	5722	4027	2891	2300	7917	9671	8430	10561	7887	5907
30	1958 Regional Report Surplus Deficit	5523	4479	7646	5669	5322	3101	3295	5459	7084	7457	9267	10291	7878	5335
31	1959 Regional Report Surplus Deficit	5402	4372	7244	5854	6554	5221	5103	6833	8058	9148	8222	9707	7802	6329
32	1960 Regional Report Surplus Deficit	5747	6117	10393	9757	7470	4864	3553	5071	7402	10121	8867	9873	7764	5846
33	1961 Regional Report Surplus Deficit	5438	4608	7414	6140	5615	3140	3343	6190	8208	8272	7836	9735	7442	5546
34	1962 Regional Report Surplus Deficit	5389	4432	7219	5529	5398	2738	3258	4818	4646	9779	9184	10017	7256	5603
35	1963 Regional Report Surplus Deficit	5270	5290	6900	6846	6882	4899	3556	5222	7067	5913	7697	10383	7522	5776
36	1964 Regional Report Surplus Deficit	5064	4565	8441	5782	5227	3185	2092	3514	4860	8655	7341	9700	8059	6540
37	1965 Regional Report Surplus Deficit	5739	6274	9327	7393	6546	5729	5065	7179	7600	7842	9250	9844	7512	6025
38	1966 Regional Report Surplus Deficit	5807	6355	7360	6591	5971	3441	2850	4347	5378	9715	8441	9399	6958	5933
39	1967 Regional Report Surplus Deficit	5240	4648	7685	5560	5276	3611	4818	6599	7710	7189	5463	9590	7777	6413
40	1968 Regional Report Surplus Deficit	5713	5927	8194	6245	6344	3492	4074	6055	7678	5130	6561	9197	7594	6112
41	1969 Regional Report Surplus Deficit	5612	6271	9650	7670	7354	4432	4986	6633	7514	9423	9094	10208	7883	6204
42	1970 Regional Report Surplus Deficit	5585	5333	7772	6031	5836	2829	3297	5078	6290	6217	7245	10050	7944	5267
43	1971 Regional Report Surplus Deficit	5162	4284	7239	5607	5306	3241	5160	7065	8375	9311	8878	9975	8111	6617
44	1972 Regional Report Surplus Deficit	6023	6735	8774	6862	6145	3875	5066	7163	8177	9633	8855	9991	7674	6462
45	1973 Regional Report Surplus Deficit	5791	6547	9135	6611	6198	3518	3275	2932	4826	4243	5870	8673	4104	3742
46	1974 Regional Report Surplus Deficit	4160	3263	6979	5745	5380	4397	5509	7122	7835	9063	8908	9443	7873	6653
47	1975 Regional Report Surplus Deficit	5850	6577	8818	5661	5300	2899	3681	5381	7249	5902	7077	9875	8005	6614
48	1976 Regional Report Surplus Deficit	5820	6499	9098	8020	7501	6276	5375	6995	7896	9540	8864	10057	7922	6465
49	1977 Regional Report Surplus Deficit	6118	6780	10763	6735	5532	2332	445	2140	3178	4081	5803	6859	-609	1915
50	1978 Regional Report Surplus Deficit	2690	1887	5393	4152	3866	4136	2870	4266	7196	9273	8578	10116	6861	6053
51	1979 Regional Report Surplus Deficit	4962	4448	9489	6731	5824	2596	1064	3480	7095	5733	7684	10367	6552	2901
52	1980 Regional Report Surplus Deficit	3257	3398	7249	5341	4826	2355	2298	2233	5154	6422	9001	10578	7667	5031
53	1981 Regional Report Surplus Deficit	3777	3116	7679	5923	5422	4851	4435	6523	7160	4320	7392	9875	7791	6082
54	1982 Regional Report Surplus Deficit	5649	6130	8214	6118	6227	3394	4169	7316	8219	9634	8567	9718	8089	6694

Regional Report Surplus Deficit By Water Year

Operating Year 2021

2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	5872	6587	9868	7865	6503	4041	4696	6369	8611	8914	8478	9852	7845	6405
56	1984 Regional Report Surplus Deficit	5852	6607	8954	6405	7726	4377	4257	6129	8334	9954	9088	10059	8165	6426
57	1985 Regional Report Surplus Deficit	5985	5446	8980	6528	6553	3475	2656	4072	4836	7970	8860	10059	6842	1382
58	1986 Regional Report Surplus Deficit	3033	2757	7617	6312	7022	3496	3402	6633	8666	9632	9089	9835	7373	5565
59	1987 Regional Report Surplus Deficit	5013	4065	7020	5613	5729	3625	1881	2351	6853	4830	7079	9687	5927	3573
60	1988 Regional Report Surplus Deficit	3705	2627	6537	5448	4341	2261	-69.1	438	4193	4826	6999	9107	4556	4507
61	1989 Regional Report Surplus Deficit	4621	4032	6855	5542	4882	2890	76.6	1178	6217	8989	8941	9877	6586	4476
62	1990 Regional Report Surplus Deficit	4183	3448	6947	5613	5846	3775	3814	5534	7495	7237	9106	9684	7711	5882
63	1991 Regional Report Surplus Deficit	5635	5729	7496	5431	7388	4449	4515	6361	6894	8648	7873	9754	7463	6079
64	1992 Regional Report Surplus Deficit	5692	6074	7344	5541	5137	2266	855	2777	6918	4348	5432	8429	1994	2179
65	1993 Regional Report Surplus Deficit	2792	2330	6045	5423	5011	2456	-474	138	4917	5841	6713	9782	7051	5285
66	1994 Regional Report Surplus Deficit	4979	4322	7770	5589	5281	2531	-53.4	1406	3578	4798	7056	9736	6247	4304
67	1995 Regional Report Surplus Deficit	4175	2892	7042	5480	4072	2618	676	5601	8223	6113	7027	10228	7845	5586
68	1996 Regional Report Surplus Deficit	4988	4328	8295	7385	7520	6183	5323	7582	8325	9821	9653	10173	7744	6269
69	1997 Regional Report Surplus Deficit	5770	6228	8271	5910	6148	4468	5234	6990	8072	9226	9298	9831	7568	6403
70	1998 Regional Report Surplus Deficit	5935	6734	9960	9540	7248	3567	2764	5438	6434	5582	8268	10289	8014	6122
71	1999 Regional Report Surplus Deficit	5940	5844	7565	5775	5136	3980	5132	7085	8049	8482	9074	9891	8123	6592
72	2000 Regional Report Surplus Deficit	6222	6963	9047	6302	7385	4934	3709	5192	7559	9730	9235	10011	6079	5728
73	2001 Regional Report Surplus Deficit	5621	3906	6899	5827	4678	2373	163	1691	3632	4324	5797	8159	-813	2727
74	2002 Regional Report Surplus Deficit	2853	1800	5646	3845	3708	2479	252	2127	5778	6918	8939	9703	7603	6295
75	2003 Regional Report Surplus Deficit	4218	4293	7126	5517	5153	2505	285	2304	7413	6851	7916	9640	7513	4265
76	2004 Regional Report Surplus Deficit	4022	3148	6635	5870	6358	2694	357	1794	6985	5810	7284	9705	6360	4522
77	2005 Regional Report Surplus Deficit	3109	3724	8740	6245	5578	3189	2320	4179	4653	4624	6701	9675	6732	5062
78	2006 Regional Report Surplus Deficit	4540	3381	7061	5151	5562	3303	3494	5885	7575	9727	9212	10095	7972	5887
79	2007 Regional Report Surplus Deficit	5535	3074	6463	5379	5587	3365	3530	3308	8501	8711	8023	9815	6115	5706
80	2008 Regional Report Surplus Deficit	4788	3283	6254	4993	5718	2312	1526	2400	5370	6431	5762	9779	8083	6278

Ranked Averages

81	**Bottom 10 pct**	**2986**	**2519**	**6689**	**5324**	**4923**	**2872**	**1384**	**2883**	**5532**	**6373**	**7027**	**9738**	**6858**	**4987**
82	**Middle 80 pct**	**5078**	**4749**	**7673**	**6145**	**5714**	**3531**	**2882**	**4526**	**6712**	**7467**	**7922**	**9699**	**6794**	**5386**
83	**Top 10 pct**	**5998**	**6465**	**9414**	**6994**	**6415**	**3725**	**3316**	**5003**	**6297**	**7500**	**8186**	**9540**	**6515**	**5148**

Regional Report Surplus Deficit By Water Year

Operating Year 2022

2014 White Book Report Date: **10/31/2014**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	3183	3376	6182	4092	3381	1770	-29.0	1333	3226	2320	5012	9401	7438	1512
2	1930 Regional Report Surplus Deficit	2579	2385	6289	4018	3357	1669	-1362	1705	3231	3611	6251	9019	4221	3680
3	1931 Regional Report Surplus Deficit	3194	2114	5600	3971	3670	1643	-1403	-264	2601	2356	66.3	10585	3946	3854
4	1932 Regional Report Surplus Deficit	2150	1615	5028	3755	2561	1675	-1580	-436	6143	7795	7745	11542	9058	5329
5	1933 Regional Report Surplus Deficit	3284	4023	6861	4435	3733	2730	3695	5058	6766	5097	6700	10969	9280	5952
6	1934 Regional Report Surplus Deficit	4954	5028	6849	5556	6197	5456	4843	6843	7769	7615	7407	10978	7655	4092
7	1935 Regional Report Surplus Deficit	2512	2094	4921	4089	2887	1674	3559	4996	6791	3284	6819	10968	7936	5279
8	1936 Regional Report Surplus Deficit	4627	3192	5549	3823	3228	1577	-1137	1115	3825	4198	7761	11838	8949	4267
9	1937 Regional Report Surplus Deficit	3054	2697	5560	3538	3529	1661	-902	-236	2740	2839	1500	10252	6559	2371
10	1938 Regional Report Surplus Deficit	3337	2839	5861	4186	3121	2369	3221	4786	7407	7088	8072	11459	8590	5351
11	1939 Regional Report Surplus Deficit	2783	2515	6520	4429	2960	1803	1317	2494	5454	5342	7325	11669	6135	3767
12	1940 Regional Report Surplus Deficit	3108	2499	5862	4483	4317	2256	822	2035	8170	5772	6841	11478	6220	3228
13	1941 Regional Report Surplus Deficit	1572	1341	5437	4016	3447	2159	176	1552	4652	1892	4277	10002	5554	3518
14	1942 Regional Report Surplus Deficit	2040	1979	6536	4088	4289	3546	2553	2590	6333	3867	6522	10705	7876	5474
15	1943 Regional Report Surplus Deficit	3951	3679	7388	3794	2888	2538	3990	5711	7358	8323	8263	11424	9377	6133
16	1944 Regional Report Surplus Deficit	3879	3356	6174	4111	3672	1897	45.5	1513	2750	2442	5101	7538	2593	2016
17	1945 Regional Report Surplus Deficit	1207	553	4660	4017	3030	1583	-1004	912	3041	2469	289	11132	8588	2092
18	1946 Regional Report Surplus Deficit	3116	2006	4912	3951	3857	2749	2536	3377	7574	7494	8016	11462	8358	5743
19	1947 Regional Report Surplus Deficit	4824	4812	7077	3870	4602	5129	4457	6429	7499	6732	7265	11556	8522	5447
20	1948 Regional Report Surplus Deficit	4544	4317	6599	7767	6134	3937	4489	5726	6626	5986	7794	11540	8749	5844
21	1949 Regional Report Surplus Deficit	4895	5537	7567	4640	4368	2434	2277	2539	7864	6653	8033	11702	8842	2600
22	1950 Regional Report Surplus Deficit	1514	1974	4964	4171	2932	2517	4436	6125	7642	7754	7736	11070	9343	6282
23	1951 Regional Report Surplus Deficit	4928	4941	7143	6062	6500	5314	4674	7070	7615	7720	7729	11279	8686	5734
24	1952 Regional Report Surplus Deficit	4955	4217	6812	7335	5683	3976	4161	6120	7320	7912	8225	11651	8902	5415
25	1953 Regional Report Surplus Deficit	4260	4236	5037	3735	3306	1752	1649	4875	6666	4264	6731	11527	9327	5752
26	1954 Regional Report Surplus Deficit	4151	4012	6822	4526	4754	3330	4420	6340	7411	6418	7453	11358	8933	5999
27	1955 Regional Report Surplus Deficit	5079	5837	9061	4732	5599	3177	1810	2153	3435	3871	5755	10878	9424	6164
28	1956 Regional Report Surplus Deficit	4948	4774	6356	5083	6034	5113	4821	6773	7101	7207	7529	11418	9256	5979
29	1957 Regional Report Surplus Deficit	4937	5230	6985	5043	4330	3608	2789	1832	7783	7802	7228	11942	9183	5210
30	1958 Regional Report Surplus Deficit	4283	3109	6303	3980	3905	2579	3198	5171	7048	5745	8004	11663	9078	4677
31	1959 Regional Report Surplus Deficit	4025	2937	5876	4188	5285	4727	4818	6655	7596	7300	7035	11211	9026	5864
32	1960 Regional Report Surplus Deficit	4995	4922	9265	8228	6283	4378	3506	4786	7356	8278	7616	11385	8931	5150
33	1961 Regional Report Surplus Deficit	4235	3225	6040	4532	4214	2672	3283	5940	7827	6494	6660	11194	8651	4851
34	1962 Regional Report Surplus Deficit	4156	3029	5923	3810	3988	2196	3182	4522	4652	7902	7879	11483	8413	4919
35	1963 Regional Report Surplus Deficit	3987	3899	5527	5289	5656	4436	3510	4926	7021	4197	6530	11903	8668	5079
36	1964 Regional Report Surplus Deficit	3817	3167	7115	4089	3790	2712	1843	3153	4879	6846	6177	11209	9320	6114
37	1965 Regional Report Surplus Deficit	4972	5219	8043	5879	5279	5174	4511	6614	7087	6118	7935	11250	8679	5327
38	1966 Regional Report Surplus Deficit	4888	5184	5973	5019	4627	3007	2716	4033	5420	7840	7243	10805	8123	5241
39	1967 Regional Report Surplus Deficit	4043	3253	6408	3865	3846	3177	4456	6265	7193	5493	4264	11105	9015	5914
40	1968 Regional Report Surplus Deficit	4830	4666	6941	4634	5040	3057	4028	5795	7577	3376	5396	10491	8767	5454
41	1969 Regional Report Surplus Deficit	4702	5230	8304	6161	6180	4003	4429	6154	6997	7618	7787	11594	9043	5521
42	1970 Regional Report Surplus Deficit	4487	3945	6501	4372	4469	2249	3195	4785	6341	4519	6080	11561	9161	4625
43	1971 Regional Report Surplus Deficit	3725	2924	5934	3905	3864	2761	4601	6759	7862	7443	7610	11363	9360	6068
44	1972 Regional Report Surplus Deficit	5250	5907	7449	5286	4780	3451	4574	6598	7664	7827	7625	11372	8908	6028
45	1973 Regional Report Surplus Deficit	5007	5760	7804	5021	4859	3061	3175	2526	4848	2382	4695	9994	5638	3236
46	1974 Regional Report Surplus Deficit	2569	2008	5606	4107	3935	3973	4955	6852	7322	7257	7475	10567	9101	6274
47	1975 Regional Report Surplus Deficit	5096	5791	7560	3920	3862	2300	3624	5105	7226	4198	5913	11349	9257	6206
48	1976 Regional Report Surplus Deficit	4970	5426	7764	6512	6337	5685	4947	6757	7381	7734	7601	11438	9088	5957
49	1977 Regional Report Surplus Deficit	5127	5916	9690	5167	4129	1731	68.4	1720	3009	2197	4621	7403	1492	1457
50	1978 Regional Report Surplus Deficit	1058	653	3975	2279	2586	3716	2739	3940	7159	7397	7373	11586	8036	5359
51	1979 Regional Report Surplus Deficit	3494	3075	8078	5184	4469	1972	700	3103	7107	4019	6514	11852	7777	2478
52	1980 Regional Report Surplus Deficit	1499	2109	5954	3612	3385	1609	2082	1749	5184	4734	7750	11953	8854	4411
53	1981 Regional Report Surplus Deficit	2120	1930	6345	4298	4027	4397	4374	6303	7108	2388	6226	11386	9065	5511
54	1982 Regional Report Surplus Deficit	4893	5007	6966	4468	4919	2939	4125	6833	7706	7757	7338	11126	9357	6381

Regional Report Surplus Deficit By Water Year

Operating Year 2022

2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	5115	5719	8467	6354	5206	3622	4643	6121	8099	7103	7268	11312	9020	5803
56	1984 Regional Report Surplus Deficit	5083	5561	7628	4785	6561	3955	4212	5871	8137	8085	7766	11517	9402	5823
57	1985 Regional Report Surplus Deficit	5058	4040	7654	4905	5236	3027	2507	3739	4852	6237	7591	11493	8030	1108
58	1986 Regional Report Surplus Deficit	1160	1714	6259	4680	5788	3069	3318	6402	8342	7789	7772	11355	8520	4886
59	1987 Regional Report Surplus Deficit	3506	2722	5619	3879	4331	3189	1583	1892	6871	2982	5915	11203	7171	3074
60	1988 Regional Report Surplus Deficit	2011	1521	5202	3781	2884	1515	-707	-174	4168	2945	5835	10345	6070	3899
61	1989 Regional Report Surplus Deficit	3104	2601	5476	3861	3424	2392	-582	604	6273	7160	7633	11396	7812	3900
62	1990 Regional Report Surplus Deficit	2445	2159	5557	3944	4501	3356	3768	5280	7377	5534	7839	11203	8877	5186
63	1991 Regional Report Surplus Deficit	4650	4342	6126	3684	6225	4005	4270	6137	6871	6832	6683	11266	8615	5568
64	1992 Regional Report Surplus Deficit	4932	4880	6040	3843	3706	1526	455	2369	6871	2488	4250	9698	3664	1701
65	1993 Regional Report Surplus Deficit	1148	1071	4719	3799	3589	1879	-1250	-517	4935	4135	5543	11288	8240	4643
66	1994 Regional Report Surplus Deficit	3510	2857	6440	3925	3898	2022	-734	880	3381	2911	5892	11220	7462	3732
67	1995 Regional Report Surplus Deficit	2656	1617	5704	3839	2611	2065	124	5324	8000	4422	5863	11747	9032	4910
68	1996 Regional Report Surplus Deficit	3366	2884	6971	5871	6348	5597	4768	7119	7812	8007	8334	11576	8930	5781
69	1997 Regional Report Surplus Deficit	4935	5016	6939	4244	4813	4042	4680	6424	7559	7420	7867	11218	8830	5965
70	1998 Regional Report Surplus Deficit	5080	5836	8561	7969	6068	3115	2592	5162	6485	3853	7078	11658	9255	5425
71	1999 Regional Report Surplus Deficit	4977	4401	6203	4059	3684	3559	4638	6531	7536	6678	7806	11389	9334	6129
72	2000 Regional Report Surplus Deficit	5329	6081	7716	4685	6209	4475	3648	4905	7471	7854	7939	11475	7387	5032
73	2001 Regional Report Surplus Deficit	4378	2575	5487	4164	3215	1762	-250	1234	3556	2415	4615	9163	1355	2206
74	2002 Regional Report Surplus Deficit	1131	562	4153	1947	2339	1883	-373	1676	5836	5228	7652	11221	8821	5720
75	2003 Regional Report Surplus Deficit	2498	2943	5831	3938	3827	1942	-329	1863	7358	5158	6735	11157	8660	3712
76	2004 Regional Report Surplus Deficit	2236	1872	5208	4271	5111	2152	-216	1289	6960	4113	6118	11194	7593	3944
77	2005 Regional Report Surplus Deficit	1230	2391	7393	4685	4226	2764	2185	3869	4681	2815	5537	11195	7933	4412
78	2006 Regional Report Surplus Deficit	2927	2018	5687	3456	4192	2861	3423	5625	7421	7852	7898	11487	9172	5191
79	2007 Regional Report Surplus Deficit	4173	1841	4979	3658	4183	2928	3477	2936	8201	6872	6836	11319	7387	5009
80	2008 Regional Report Surplus Deficit	3132	2012	4762	3357	4414	1688	1224	1981	5423	4742	4565	11224	9361	5585

Ranked Averages

81	**Bottom 10 pct**	**1243**	**1378**	**5260**	**3649**	**3484**	**2378**	**1516**	**3020**	**5853**	**5290**	**6206**	**11350**	**8542**	**4726**
82	**Middle 80 pct**	**3820**	**3422**	**6321**	**4510**	**4350**	**3009**	**2496**	**4076**	**6430**	**5586**	**6656**	**11080**	**7996**	**4700**
83	**Top 10 pct**	**5145**	**5831**	**8267**	**5362**	**5302**	**3228**	**3146**	**4704**	**6441**	**5623**	**6746**	**10870**	**8018**	**5242**

Regional Report Surplus Deficit By Water Year

Operating Year 2023

2014 White Book Report Date: **10/31/2014**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	3152	2926	5798	3704	2889	979	-549	914	2539	2689	4617	8028	5578	1307
2	1930 Regional Report Surplus Deficit	2552	1879	5873	3579	2828	899	-1558	1295	2569	3771	5845	7642	1866	3747
3	1931 Regional Report Surplus Deficit	2978	1618	5193	3506	3107	801	-1645	-533	2030	2658	-83.7	8788	1671	3957
4	1932 Regional Report Surplus Deficit	2172	946	4693	3324	2091	873	-1720	-627	5261	8080	7442	9684	7330	5506
5	1933 Regional Report Surplus Deficit	3228	3493	6438	3960	3210	1787	2787	4435	5968	5233	6297	8993	7480	5936
6	1934 Regional Report Surplus Deficit	4118	4343	6433	4998	5418	4642	4444	6098	7413	7869	7108	9028	5957	4218
7	1935 Regional Report Surplus Deficit	2540	1536	4560	3593	2425	962	2655	4380	5997	3524	6419	9041	6175	5454
8	1936 Regional Report Surplus Deficit	3961	2730	5219	3434	2724	779	-1368	721	3082	4345	7452	9968	7243	4361
9	1937 Regional Report Surplus Deficit	3035	2167	5208	3199	2978	835	-1248	-536	2133	3157	1254	8556	4556	2277
10	1938 Regional Report Surplus Deficit	3221	2345	5479	3740	2642	1523	2346	4182	6736	7359	7799	9549	6895	5530
11	1939 Regional Report Surplus Deficit	2835	1930	6102	3951	2487	1084	677	2010	4586	5483	6967	9694	4142	3819
12	1940 Regional Report Surplus Deficit	3017	1975	5462	3967	3691	1360	223	1614	7623	5933	6455	9519	4245	3232
13	1941 Regional Report Surplus Deficit	1714	658	5044	3564	2916	1311	-271	1142	3802	2301	3878	8147	3591	3623
14	1942 Regional Report Surplus Deficit	2059	1440	6111	3619	3683	2563	1735	2104	5472	4027	6124	8791	6146	5607
15	1943 Regional Report Surplus Deficit	3527	3214	6983	3412	1640	1653	3081	5086	6601	8584	8023	9461	7544	6004
16	1944 Regional Report Surplus Deficit	3625	2902	5809	3740	3153	1137	-493	1086	2179	2759	4701	6536	83.3	1987
17	1945 Regional Report Surplus Deficit	1229	-105	4284	3528	2526	754	-1227	576	2438	2857	163	9155	6894	1947
18	1946 Regional Report Surplus Deficit	2995	1415	4656	3564	3323	1824	1749	2844	7038	7810	7756	9568	6649	5867
19	1947 Regional Report Surplus Deficit	4165	4195	6653	3521	4000	4265	3854	5761	7141	6961	6893	9648	6829	5618
20	1948 Regional Report Surplus Deficit	3948	3811	6188	7242	5339	2962	3597	5088	5777	6159	7483	9709	6946	5869
21	1949 Regional Report Surplus Deficit	4053	4621	7147	4168	3784	1543	1459	2058	7431	6872	7745	9859	7146	2511
22	1950 Regional Report Surplus Deficit	1749	1165	4708	3745	2471	1599	3535	5474	7327	8072	7416	9119	7554	6166
23	1951 Regional Report Surplus Deficit	4172	4323	6720	5492	5696	4455	4276	6620	7299	7973	7410	9383	6994	5771
24	1952 Regional Report Surplus Deficit	4180	3733	6400	6779	4956	3002	3256	5479	6546	8231	7979	9819	7207	5592
25	1953 Regional Report Surplus Deficit	3672	3755	4773	3390	2795	951	951	4289	5805	4406	6325	9586	7503	5892
26	1954 Regional Report Surplus Deficit	3823	3549	6409	4073	4126	2356	3516	5685	6947	6601	7087	9442	7191	5879
27	1955 Regional Report Surplus Deficit	4277	4771	8608	4252	4854	2197	1110	1684	2703	4053	5343	8912	7605	6061
28	1956 Regional Report Surplus Deficit	4096	4168	5970	4575	5247	4249	4329	6201	6785	7460	7391	9584	7471	5983
29	1957 Regional Report Surplus Deficit	4146	4488	6567	4538	3754	2627	1938	1416	7091	8112	6854	10103	7340	5389
30	1958 Regional Report Surplus Deficit	3918	2629	5898	3580	3354	1700	2343	4575	6258	5898	7691	9832	7331	4817
31	1959 Regional Report Surplus Deficit	3718	2443	5496	3765	4587	3821	4151	5949	7233	7589	6646	9249	7255	5810
32	1960 Regional Report Surplus Deficit	4143	4268	8644	7668	5502	3463	2600	4187	6576	8563	7291	9415	7218	5328
33	1961 Regional Report Surplus Deficit	3831	2756	5665	4051	3648	1740	2391	5306	7383	6713	6260	9277	6895	5027
34	1962 Regional Report Surplus Deficit	3782	2580	5536	3439	3430	1338	2305	3934	3821	8220	7608	9560	6709	5084
35	1963 Regional Report Surplus Deficit	3664	3438	5225	4757	4914	3499	2603	4338	6241	4355	6121	9925	6975	5257
36	1964 Regional Report Surplus Deficit	3457	2713	6690	3693	3259	1785	1139	2630	4034	7097	5765	9242	7513	6021
37	1965 Regional Report Surplus Deficit	4132	4422	7650	5304	4578	4329	4108	6292	6771	6284	7674	9386	6965	5506
38	1966 Regional Report Surplus Deficit	4123	4425	5609	4502	4003	2041	1898	3463	4553	8156	6865	8941	6411	5414
39	1967 Regional Report Surplus Deficit	3635	2798	6002	3471	3309	2211	3865	5715	6881	5630	3887	9132	7230	5894
40	1968 Regional Report Surplus Deficit	4106	4075	6518	4156	4377	2092	3121	5171	6853	3571	4985	8739	7048	5594
41	1969 Regional Report Surplus Deficit	4002	4416	7968	5581	5387	3031	4029	5749	6685	7871	7518	9750	7337	5686
42	1970 Regional Report Surplus Deficit	3978	3481	6095	3942	3869	1428	2344	4194	5464	4658	5668	9592	7397	4748
43	1971 Regional Report Surplus Deficit	3555	2432	5561	3518	3338	1840	4203	6181	7545	7752	7302	9517	7564	6099
44	1972 Regional Report Surplus Deficit	4417	4883	7024	4773	4178	2475	4113	6276	7348	8080	7279	9533	7127	5943
45	1973 Regional Report Surplus Deficit	4184	4695	7387	4522	4231	2118	2322	2048	4001	2684	4294	8215	3557	3223
46	1974 Regional Report Surplus Deficit	2553	1411	5231	3656	3413	2996	4553	6238	7006	7511	7338	8986	7326	6134
47	1975 Regional Report Surplus Deficit	4243	4725	7137	3572	3332	1499	2729	4497	6423	4343	5501	9417	7458	6096
48	1976 Regional Report Surplus Deficit	4213	4647	7348	5931	5534	4876	4423	6111	7067	7987	7287	9600	7375	5946
49	1977 Regional Report Surplus Deficit	4434	4851	9015	4646	3565	932	-507	1256	2352	2522	4227	6401	-1155	1396
50	1978 Regional Report Surplus Deficit	1085	37.5	3719	2063	1898	2736	1918	3382	6370	7715	7002	9658	6314	5535
51	1979 Regional Report Surplus Deficit	3355	2596	7738	4642	3856	1196	112	2596	6270	4175	6108	9909	6005	2382
52	1980 Regional Report Surplus Deficit	1650	1546	5567	3252	2858	955	1345	1349	4328	4863	7425	10120	7121	4512
53	1981 Regional Report Surplus Deficit	2170	1264	5928	3834	3455	3451	3482	5639	6335	2761	5816	9417	7244	5563
54	1982 Regional Report Surplus Deficit	4043	4278	6543	4029	4260	1994	3216	6432	7390	8075	6991	9260	7542	6176

Regional Report Surplus Deficit By Water Year

Operating Year 2023

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	4265	4735	8117	5776	4536	2640	3743	5485	7782	7356	6902	9394	7298	5887
56	1984 Regional Report Surplus Deficit	4245	4678	7205	4315	5759	2977	3304	5245	7508	8395	7512	9601	7618	5908
57	1985 Regional Report Surplus Deficit	4378	3587	7231	4438	4586	2074	1703	3189	4011	6411	7284	9601	6295	863
58	1986 Regional Report Surplus Deficit	1425	905	5868	4223	5054	2096	2449	5749	7841	8073	7513	9378	6826	5047
59	1987 Regional Report Surplus Deficit	3406	2213	5271	3524	3762	2224	929	1467	6027	3272	5503	9230	5380	3055
60	1988 Regional Report Surplus Deficit	2099	775	4855	3359	2374	861	-1022	-446	3368	3268	5423	8649	4009	3988
61	1989 Regional Report Surplus Deficit	2937	2103	5105	3453	2915	1490	-876	294	5392	7430	7365	9419	6040	3957
62	1990 Regional Report Surplus Deficit	2501	1521	5198	3524	3879	2375	2861	4650	6670	5679	7530	9226	7165	5364
63	1991 Regional Report Surplus Deficit	3954	3802	5747	3342	5421	3048	3562	5477	6069	7089	6297	9296	6916	5561
64	1992 Regional Report Surplus Deficit	4079	4216	5663	3452	3170	865	-97.3	1893	6093	2789	3856	7971	1448	1660
65	1993 Regional Report Surplus Deficit	1184	478	4367	3334	3044	1055	-1426	-746	4092	4282	5137	9324	6505	4766
66	1994 Regional Report Surplus Deficit	3295	2392	6019	3499	3314	1131	-1006	522	2753	3239	5480	9278	5700	3785
67	1995 Regional Report Surplus Deficit	2563	1035	5293	3391	2105	1217	-276	4717	7397	4554	5451	9770	7299	5067
68	1996 Regional Report Surplus Deficit	3304	2399	6546	5296	5552	4782	4366	6698	7496	8269	8077	9715	7198	5750
69	1997 Regional Report Surplus Deficit	4088	4301	6523	3821	4180	3067	4277	6103	7243	7674	7722	9373	7022	5884
70	1998 Regional Report Surplus Deficit	4253	4807	8212	7451	5281	2166	1812	4554	5608	4023	6692	9832	7468	5603
71	1999 Regional Report Surplus Deficit	4258	3917	5817	3686	3168	2579	4180	6201	7220	6923	7498	9433	7577	6074
72	2000 Regional Report Surplus Deficit	4540	5036	7298	4213	5417	3533	2756	4308	6733	8171	7659	9553	5533	5209
73	2001 Regional Report Surplus Deficit	3939	1979	5150	3738	2711	973	-790	807	2806	2766	4221	7701	-1360	2209
74	2002 Regional Report Surplus Deficit	1171	-127	3897	1756	1740	1079	-701	1243	4952	5359	7363	9245	7057	5776
75	2003 Regional Report Surplus Deficit	2606	2436	5450	3492	3250	1105	-667	1420	6588	5292	6340	9182	6966	3747
76	2004 Regional Report Surplus Deficit	2338	1219	4884	3781	4390	1294	-596	910	6160	4251	5708	9247	5814	4003
77	2005 Regional Report Surplus Deficit	1427	1797	6991	4156	3611	1789	1367	3295	3827	3065	5125	9217	6186	4543
78	2006 Regional Report Surplus Deficit	2858	1455	5313	3062	3594	1903	2542	5001	6749	8168	7636	9637	7426	5368
79	2007 Regional Report Surplus Deficit	3853	1147	4715	3290	3619	1965	2577	2424	7675	7152	6447	9357	5568	5188
80	2008 Regional Report Surplus Deficit	3107	1356	4506	2904	3751	912	573	1516	4545	4872	4186	9321	7537	5759
	Ranked Averages														
81	**Bottom 10 pct**	**1361**	**649**	**4967**	**3234**	**2956**	**1472**	**432**	**1999**	**4706**	**4814**	**5451**	**9281**	**6312**	**4469**
82	**Middle 80 pct**	**3453**	**2878**	**5951**	**4057**	**3748**	**2130**	**1929**	**3642**	**5886**	**5909**	**6346**	**9241**	**6248**	**4868**
83	**Top 10 pct**	**4353**	**4573**	**7665**	**4904**	**4448**	**2325**	**2364**	**4119**	**5470**	**5943**	**6610**	**9082**	**5969**	**4630**

Regional Report Surplus Deficit By Water Year

Operating Year 2024

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	2460	2418	5419	3413	2633	771	-529	845	2761	3292	5488	8531	6535	719
2	1930 Regional Report Surplus Deficit	1855	1426	5527	3339	2609	670	-1862	1217	2766	4583	6728	8149	3318	2887
3	1931 Regional Report Surplus Deficit	2470	1155	4837	3292	2923	645	-1902	-752	2136	3328	542	9715	3043	3062
4	1932 Regional Report Surplus Deficit	1426	656	4266	3076	1813	676	-2080	-924	5678	8767	8221	10672	8155	4536
5	1933 Regional Report Surplus Deficit	2560	3065	6098	3756	2985	1731	3196	4570	6301	6069	7177	10099	8377	5159
6	1934 Regional Report Surplus Deficit	4230	4070	6087	4877	5449	4458	4372	6355	7271	8636	7883	10108	6752	3299
7	1935 Regional Report Surplus Deficit	1788	1136	4158	3410	2139	675	3059	4508	6326	4256	7295	10099	7033	4486
8	1936 Regional Report Surplus Deficit	3903	2233	4787	3144	2481	578	-1637	627	3361	5170	8237	10968	8047	3473
9	1937 Regional Report Surplus Deficit	2330	1738	4797	2859	2781	663	-1402	-724	2275	3811	1976	9382	5657	1578
10	1938 Regional Report Surplus Deficit	2613	1880	5098	3507	2374	1371	2721	4298	6909	8060	8549	10589	7688	4559
11	1939 Regional Report Surplus Deficit	2059	1556	5757	3750	2212	804	817	2006	4989	6314	7802	10800	5233	2974
12	1940 Regional Report Surplus Deficit	2384	1540	5099	3804	3570	1257	323	1547	7706	6744	7317	10609	5318	2435
13	1941 Regional Report Surplus Deficit	848	382	4675	3337	2699	1160	-323	1064	4187	2864	4753	9132	4651	2725
14	1942 Regional Report Surplus Deficit	1316	1020	5773	3409	3541	2547	2054	2102	5868	4839	6998	9835	6973	4681
15	1943 Regional Report Surplus Deficit	3227	2720	6626	3115	2141	1540	3490	5223	6894	9295	8739	10554	8475	5340
16	1944 Regional Report Surplus Deficit	3155	2398	5412	3432	2924	899	-454	1025	2285	3414	5577	6668	1691	1223
17	1945 Regional Report Surplus Deficit	483	-405	3897	3338	2282	585	-1504	424	2576	3441	765	10263	7685	1300
18	1946 Regional Report Surplus Deficit	2392	1047	4149	3272	3109	1750	2037	2889	7076	8466	8492	10592	7455	4950
19	1947 Regional Report Surplus Deficit	4100	3853	6314	3191	3855	4131	3986	5941	7001	7704	7741	10687	7619	4654
20	1948 Regional Report Surplus Deficit	3820	3358	5836	7088	5386	2938	3989	5238	6161	6958	8270	10670	7847	5051
21	1949 Regional Report Surplus Deficit	4171	4578	6804	3961	3620	1436	1778	2051	7366	7625	8509	10832	7939	1807
22	1950 Regional Report Surplus Deficit	790	1015	4202	3492	2184	1519	3937	5637	7144	8726	8212	10201	8440	5489
23	1951 Regional Report Surplus Deficit	4204	3982	6380	5383	5752	4316	4203	6566	7117	8740	8205	10409	7784	4941
24	1952 Regional Report Surplus Deficit	4231	3258	6049	6656	4935	2977	3661	5632	6855	8884	8701	10781	8000	4622
25	1953 Regional Report Surplus Deficit	3536	3278	4274	3056	2559	753	1149	4387	6201	5236	7207	10658	8424	4959
26	1954 Regional Report Surplus Deficit	3427	3053	6060	3847	4006	2331	3921	5852	6913	7390	7930	10488	8031	5206
27	1955 Regional Report Surplus Deficit	4355	4878	8298	4053	4851	2179	1310	1665	2970	4843	6231	10009	8521	5372
28	1956 Regional Report Surplus Deficit	4224	3815	5593	4404	5286	4115	4350	6269	6603	8228	8034	10548	8354	5186
29	1957 Regional Report Surplus Deficit	4213	4272	6222	4364	3583	2610	2290	1344	7318	8774	7704	11072	8280	4417
30	1958 Regional Report Surplus Deficit	3559	2151	5540	3301	3158	1580	2698	4683	6584	6717	8480	10793	8175	3884
31	1959 Regional Report Surplus Deficit	3301	1979	5113	3509	4537	3729	4347	6167	7098	8272	7511	10342	8123	5071
32	1960 Regional Report Surplus Deficit	4271	3963	8502	7549	5536	3379	3007	4298	6891	9250	8092	10515	8028	4357
33	1961 Regional Report Surplus Deficit	3511	2267	5277	3853	3466	1673	2784	5452	7329	7466	7137	10325	7748	4058
34	1962 Regional Report Surplus Deficit	3432	2070	5160	3131	3241	1197	2682	4034	4187	8874	8355	10613	7510	4126
35	1963 Regional Report Surplus Deficit	3263	2941	4764	4610	4909	3438	3010	4438	6557	5169	7006	11033	7765	4286
36	1964 Regional Report Surplus Deficit	3093	2208	6352	3410	3042	1713	1344	2665	4414	7818	6653	10340	8417	5322
37	1965 Regional Report Surplus Deficit	4248	4261	7280	5200	4531	4176	4039	6110	6589	7089	8411	10381	7776	4534
38	1966 Regional Report Surplus Deficit	4164	4225	5210	4340	3879	2008	2216	3545	4955	8812	7719	9935	7221	4448
39	1967 Regional Report Surplus Deficit	3319	2294	5646	3186	3098	2178	3984	5761	6695	6465	4740	10235	8113	5121
40	1968 Regional Report Surplus Deficit	4106	3708	6178	3955	4293	2059	3528	5307	7112	4348	5872	9621	7865	4661
41	1969 Regional Report Surplus Deficit	3978	4271	7541	5482	5432	3005	3958	5650	6499	8638	8263	10725	8141	4728
42	1970 Regional Report Surplus Deficit	3763	2986	5738	3693	3721	1250	2696	4297	5877	5491	6556	10691	8259	3832
43	1971 Regional Report Surplus Deficit	3001	1965	5171	3226	3116	1762	4129	6254	7364	8416	8086	10493	8457	5275
44	1972 Regional Report Surplus Deficit	4526	4948	6686	4607	4032	2453	4103	6094	7166	8847	8101	10517	8005	5235
45	1973 Regional Report Surplus Deficit	4283	4801	7042	4342	4111	2062	2675	2038	4383	3355	5171	9124	4736	2443
46	1974 Regional Report Surplus Deficit	1845	1049	4843	3428	3187	2974	4483	6347	6824	8278	7980	9797	8198	5481
47	1975 Regional Report Surplus Deficit	4372	4832	6797	3241	3114	1301	3124	4617	6761	5170	6389	10479	8355	5413
48	1976 Regional Report Surplus Deficit	4246	4467	7001	5833	5590	4687	4476	6253	6883	8754	8077	10568	8185	5164
49	1977 Regional Report Surplus Deficit	4404	4958	8928	4488	3381	733	-431	1232	2545	3169	5097	6533	589	664
50	1978 Regional Report Surplus Deficit	334	-306	3213	1600	1838	2718	2239	3452	6695	8369	7849	10717	7134	4566
51	1979 Regional Report Surplus Deficit	2770	2117	7315	4505	3721	973	200	2615	6642	4991	6990	10982	6874	1686
52	1980 Regional Report Surplus Deficit	775	1151	5192	2933	2637	610	1582	1261	4719	5706	8227	11083	7952	3619
53	1981 Regional Report Surplus Deficit	1396	972	5583	3619	3279	3399	3875	5815	6644	3360	6702	10516	8163	4718
54	1982 Regional Report Surplus Deficit	4169	4048	6204	3789	4171	1940	3626	6329	7208	8729	7814	10256	8454	5588

Regional Report Surplus Deficit By Water Year

Operating Year 2024

2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	4391	4760	7705	5675	4458	2623	4143	5633	7601	8076	7744	10442	8117	5010
56	1984 Regional Report Surplus Deficit	4359	4602	6866	4106	5813	2957	3713	5383	7672	9058	8242	10647	8500	5030
57	1985 Regional Report Surplus Deficit	4334	3081	6891	4226	4488	2028	2007	3251	4387	7209	8068	10624	7127	315
58	1986 Regional Report Surplus Deficit	436	755	5496	4001	5040	2070	2818	5914	7877	8761	8248	10486	7617	4093
59	1987 Regional Report Surplus Deficit	2782	1763	4856	3200	3583	2190	1084	1404	6406	3954	6391	10333	6269	2281
60	1988 Regional Report Surplus Deficit	1287	563	4439	3102	2136	516	-1207	-662	3703	3917	6311	9475	5167	3106
61	1989 Regional Report Surplus Deficit	2381	1642	4713	3182	2676	1394	-1082	117	5808	8133	8109	10526	6910	3108
62	1990 Regional Report Surplus Deficit	1721	1201	4795	3265	3754	2358	3268	4792	6912	6506	8315	10334	7974	4394
63	1991 Regional Report Surplus Deficit	3926	3383	5364	3005	5477	3006	3799	5649	6406	7804	7159	10396	7712	4775
64	1992 Regional Report Surplus Deficit	4208	3921	5278	3164	2959	527	-44.4	1881	6406	3460	4726	8828	2761	909
65	1993 Regional Report Surplus Deficit	424	113	3957	3120	2841	880	-1749	-1005	4470	5107	6019	10419	7337	3850
66	1994 Regional Report Surplus Deficit	2786	1899	5677	3246	3150	1023	-1234	392	2916	3883	6368	10350	6559	2939
67	1995 Regional Report Surplus Deficit	1932	658	4941	3160	1863	1066	-376	4836	7533	5394	6339	10877	8129	4117
68	1996 Regional Report Surplus Deficit	2642	1926	6209	5192	5600	4598	4296	6615	7314	8979	8810	10706	8028	4988
69	1997 Regional Report Surplus Deficit	4211	4057	6176	3565	4066	3044	4208	5920	7061	8441	8373	10348	7928	5173
70	1998 Regional Report Surplus Deficit	4356	4877	7798	7290	5320	2117	2092	4674	6020	4825	7554	10788	8352	4632
71	1999 Regional Report Surplus Deficit	4254	3442	5440	3380	2936	2560	4167	6027	7038	7651	8282	10519	8432	5336
72	2000 Regional Report Surplus Deficit	4605	5122	6953	4006	5462	3476	3148	4417	7006	8826	8415	10605	6484	4239
73	2001 Regional Report Surplus Deficit	3654	1616	4724	3485	2468	763	-749	746	3091	3387	5091	8293	453	1413
74	2002 Regional Report Surplus Deficit	407	-397	3390	1268	1592	884	-873	1188	5371	6200	8128	10351	7919	4927
75	2003 Regional Report Surplus Deficit	1774	1985	5068	3259	3079	943	-829	1375	6893	6131	7211	10287	7758	2918
76	2004 Regional Report Surplus Deficit	1512	914	4445	3591	4364	1154	-715	801	6495	5085	6594	10325	6690	3151
77	2005 Regional Report Surplus Deficit	506	1432	6631	4006	3478	1766	1685	3381	4216	3787	6013	10325	7031	3619
78	2006 Regional Report Surplus Deficit	2203	1059	4924	2777	3444	1862	2924	5137	6956	8825	8374	10617	8270	4398
79	2007 Regional Report Surplus Deficit	3449	882	4216	2979	3436	1930	2978	2448	7736	7844	7313	10449	6484	4216
80	2008 Regional Report Surplus Deficit	2408	1053	3999	2678	3666	690	725	1493	4958	5714	5041	10354	8459	4792
	Ranked Averages														
81	**Bottom 10 pct**	**519**	**420**	**4497**	**2970**	**2737**	**1379**	**1017**	**2532**	**5384**	**6262**	**6683**	**10480**	**7639**	**3933**
82	**Middle 80 pct**	**3096**	**2464**	**5558**	**3831**	**3602**	**2010**	**2003**	**3585**	**5954**	**6563**	**7134**	**10212**	**7094**	**3907**
83	**Top 10 pct**	**4421**	**4872**	**7504**	**4683**	**4554**	**2230**	**2650**	**4214**	**5968**	**6602**	**7222**	**10003**	**7115**	**4449**

Regional Report Surplus Deficit By Water Year

Operating Year 2025

2014 White Book Report Date: **10/31/2014**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	2314	2045	5210	3304	2315	362	-959	280	2121	2003	4276	7268	5020	576
2	1930 Regional Report Surplus Deficit	1713	998	5284	3179	2255	282	-1968	662	2151	3085	5504	6882	1308	3016
3	1931 Regional Report Surplus Deficit	2139	737	4604	3106	2533	183	-2056	-1166	1612	1972	-425	8028	1113	3226
4	1932 Regional Report Surplus Deficit	1333	65.4	4104	2925	1518	256	-2130	-1260	4843	7394	7102	8924	6772	4775
5	1933 Regional Report Surplus Deficit	2390	2612	5849	3561	2637	1169	2377	3801	5550	4547	5956	8233	6922	5206
6	1934 Regional Report Surplus Deficit	3279	3462	5844	4598	4845	4024	4075	5465	6995	7266	6767	8268	5400	3488
7	1935 Regional Report Surplus Deficit	1702	655	3971	3194	1852	344	2245	3746	5579	2838	6078	8281	5617	4724
8	1936 Regional Report Surplus Deficit	3123	1849	4631	3035	2151	162	-1778	87.8	2664	3659	7111	9208	6685	3631
9	1937 Regional Report Surplus Deficit	2196	1286	4620	2800	2405	218	-1659	-1169	1715	2471	914	7796	3998	1546
10	1938 Regional Report Surplus Deficit	2382	1464	4891	3340	2068	906	1935	3549	6318	6673	7458	8789	6338	4799
11	1939 Regional Report Surplus Deficit	1997	1049	5513	3552	1914	467	267	1377	4169	4798	6626	8934	3584	3089
12	1940 Regional Report Surplus Deficit	2179	1094	4873	3567	3118	743	-187	981	7205	5247	6114	8759	3687	2501
13	1941 Regional Report Surplus Deficit	876	-223	4456	3164	2342	694	-682	509	3385	1615	3537	7387	3033	2892
14	1942 Regional Report Surplus Deficit	1221	559	5522	3220	3110	1946	1325	1471	5055	3341	5783	8031	5589	4876
15	1943 Regional Report Surplus Deficit	2689	2333	6394	3013	1067	1035	2670	4453	6183	7922	7682	8701	6987	5273
16	1944 Regional Report Surplus Deficit	2787	2021	5221	3340	2579	520	-904	453	1761	2074	4360	5776	-474	1256
17	1945 Regional Report Surplus Deficit	391	-986	3695	3129	1953	137	-1637	-57.2	2021	2171	-177	8394	6336	1216
18	1946 Regional Report Surplus Deficit	2156	534	4067	3165	2749	1206	1339	2211	6620	7124	7415	8808	6092	5136
19	1947 Regional Report Surplus Deficit	3327	3314	6065	3121	3427	3647	3444	5127	6723	6275	6552	8888	6271	4887
20	1948 Regional Report Surplus Deficit	3110	2930	5599	6843	4766	2345	3187	4454	5359	5473	7142	8949	6388	5138
21	1949 Regional Report Surplus Deficit	3215	3740	6558	3769	3210	926	1048	1425	7013	6186	7404	9099	6589	1781
22	1950 Regional Report Surplus Deficit	910	284	4119	3346	1897	981	3124	4840	7200	7386	7075	8359	6996	5435
23	1951 Regional Report Surplus Deficit	3334	3442	6132	5092	5123	3838	4057	5986	7187	7659	7069	8623	6436	5040
24	1952 Regional Report Surplus Deficit	3342	2852	5811	6379	4383	2384	2846	4846	6129	7545	7638	9059	6649	4861
25	1953 Regional Report Surplus Deficit	2834	2874	4184	2990	2222	333	541	3655	5387	3721	5984	8825	6945	5162
26	1954 Regional Report Surplus Deficit	2985	2668	5820	3673	3553	1739	3106	5052	6529	5915	6746	8682	6633	5148
27	1955 Regional Report Surplus Deficit	3439	3890	8019	3853	4280	1580	699	1050	2285	3367	5002	8152	7048	5330
28	1956 Regional Report Surplus Deficit	3258	3287	5381	4176	4674	3632	3919	5568	6651	7125	7151	8824	6913	5252
29	1957 Regional Report Surplus Deficit	3308	3607	5979	4139	3181	2010	1528	783	6673	7426	6513	9343	6782	4658
30	1958 Regional Report Surplus Deficit	3080	1748	5309	3181	2781	1083	1932	3942	5840	5212	7350	9072	6773	4086
31	1959 Regional Report Surplus Deficit	2880	1562	4907	3365	4014	3204	3740	5316	6815	6903	6305	8488	6697	5080
32	1960 Regional Report Surplus Deficit	3304	3387	8055	7268	4929	2846	2189	3554	6159	7877	6950	8655	6660	4597
33	1961 Regional Report Surplus Deficit	2993	1875	5076	3651	3074	1123	1980	4672	6965	6028	5919	8517	6338	4297
34	1962 Regional Report Surplus Deficit	2944	1699	4948	3040	2857	720	1895	3301	3403	7534	7267	8799	6151	4353
35	1963 Regional Report Surplus Deficit	2825	2557	4637	4357	4341	2882	2193	3704	5823	3669	5780	9165	6417	4527
36	1964 Regional Report Surplus Deficit	2619	1832	6102	3294	2686	1167	728	1996	3616	6411	5424	8482	6955	5290
37	1965 Regional Report Surplus Deficit	3294	3541	7061	4905	4005	3711	4026	5730	6636	5599	7333	8626	6407	4775
38	1966 Regional Report Surplus Deficit	3285	3544	5021	4103	3430	1423	1487	2830	4135	7470	6524	8181	5853	4684
39	1967 Regional Report Surplus Deficit	2797	1917	5414	3071	2735	1593	3455	5081	6551	4944	3546	8372	6672	5163
40	1968 Regional Report Surplus Deficit	3267	3194	5929	3757	3803	1474	2710	4537	6435	2885	4644	7979	6490	4863
41	1969 Regional Report Surplus Deficit	3164	3535	7380	5182	4814	2414	3873	5116	6383	7476	7177	8990	6779	4955
42	1970 Regional Report Surplus Deficit	3140	2600	5506	3542	3296	811	1934	3560	5047	3972	5328	8832	6840	4017
43	1971 Regional Report Surplus Deficit	2717	1551	4972	3118	2765	1223	3940	5548	7285	7066	6961	8757	7007	5368
44	1972 Regional Report Surplus Deficit	3578	4002	6435	4373	3604	1857	3703	5782	7217	7803	6938	8773	6569	5212
45	1973 Regional Report Surplus Deficit	3346	3814	6798	4123	3657	1501	1911	1415	3583	1998	3953	7455	3000	2493
46	1974 Regional Report Surplus Deficit	1715	530	4642	3257	2839	2379	4276	5604	6865	7199	7137	8225	6769	5403
47	1975 Regional Report Surplus Deficit	3405	3844	6548	3172	2759	882	2318	3864	6005	3657	5160	8657	6900	5365
48	1976 Regional Report Surplus Deficit	3374	3766	6759	5532	4960	4259	4012	5478	6812	7472	6947	8839	6818	5215
49	1977 Regional Report Surplus Deficit	3595	3970	8426	4247	2992	314	-918	623	1935	1836	3886	5641	-1713	665
50	1978 Regional Report Surplus Deficit	247	-844	3130	1663	1325	2118	1507	2749	5953	7029	6662	8898	5757	4804
51	1979 Regional Report Surplus Deficit	2517	1715	7150	4242	3283	579	-299	1963	5852	3489	5767	9148	5448	1652
52	1980 Regional Report Surplus Deficit	812	665	4978	2853	2285	338	935	715	3910	4177	7084	9360	6563	3781
53	1981 Regional Report Surplus Deficit	1332	383	5340	3435	2881	2834	3072	5006	5917	2075	5475	8657	6686	4832
54	1982 Regional Report Surplus Deficit	3204	3397	5954	3629	3687	1376	2805	5798	7259	7389	6650	8500	6984	5445

Regional Report Surplus Deficit By Water Year

Operating Year 2025

2014 White Book Report Date: **10/31/2014** *Continued*

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55	1983 Regional Report Surplus Deficit	3426	3854	7528	5377	3963	2023	3333	4852	7408	6670	6561	8634	6741	5156
56	1984 Regional Report Surplus Deficit	3407	3797	6617	3916	5186	2359	2893	4612	7090	7709	7171	8841	7061	5177
57	1985 Regional Report Surplus Deficit	3540	2706	6643	4039	4013	1457	1293	2555	3593	5726	6943	8841	5738	133
58	1986 Regional Report Surplus Deficit	586	24.0	5279	3824	4481	1478	2039	5116	7423	7388	7172	8617	6269	4316
59	1987 Regional Report Surplus Deficit	2568	1332	4682	3124	3189	1607	518	834	5610	2586	5162	8469	4823	2324
60	1988 Regional Report Surplus Deficit	1260	-106	4267	2959	1800	243	-1432	-1079	2950	2582	5082	7889	3451	3257
61	1989 Regional Report Surplus Deficit	2099	1222	4516	3053	2342	873	-1287	-340	4974	6744	7024	8659	5482	3226
62	1990 Regional Report Surplus Deficit	1662	640	4610	3125	3306	1757	2451	4016	6252	4993	7189	8466	6607	4633
63	1991 Regional Report Surplus Deficit	3115	2921	5158	2942	4847	2431	3152	4844	5651	6404	5956	8536	6359	4830
64	1992 Regional Report Surplus Deficit	3241	3335	5074	3053	2596	248	-508	1260	5675	2104	3515	7211	890	929
65	1993 Regional Report Surplus Deficit	346	-403	3778	2934	2471	438	-1837	-1379	3674	3596	4796	8564	5947	4036
66	1994 Regional Report Surplus Deficit	2456	1511	5431	3100	2741	513	-1417	-112	2335	2553	5139	8518	5143	3054
67	1995 Regional Report Surplus Deficit	1725	154	4705	2992	1531	600	-687	4084	6979	3869	5110	9010	6741	4337
68	1996 Regional Report Surplus Deficit	2466	1518	5957	4897	4979	4165	4251	6064	7382	7639	7737	8955	6640	5019
69	1997 Regional Report Surplus Deficit	3250	3420	5934	3421	3607	2450	4209	5572	7112	7394	7381	8613	6464	5153
70	1998 Regional Report Surplus Deficit	3415	3926	7623	7052	4708	1549	1401	3921	5191	3338	6351	9071	6910	4873
71	1999 Regional Report Surplus Deficit	3420	3036	5228	3287	2595	1962	3769	5568	7094	6238	7157	8673	7019	5343
72	2000 Regional Report Surplus Deficit	3702	4155	6709	3813	4844	2916	2345	3674	6315	7485	7318	8793	4975	4478
73	2001 Regional Report Surplus Deficit	3101	1098	4562	3339	2138	356	-1200	174	2388	2080	3880	6941	-1918	1478
74	2002 Regional Report Surplus Deficit	333	-1008	3308	1356	1167	461	-1111	610	4535	4673	7022	8485	6499	5046
75	2003 Regional Report Surplus Deficit	1768	1555	4861	3093	2676	488	-1078	787	6170	4606	6000	8422	6409	3017
76	2004 Regional Report Surplus Deficit	1500	338	4295	3382	3817	677	-1007	277	5742	3565	5367	8487	5256	3272
77	2005 Regional Report Surplus Deficit	589	916	6402	3757	3037	1172	956	2662	3410	2379	4784	8457	5628	3813
78	2006 Regional Report Surplus Deficit	2020	573	4724	2662	3021	1286	2131	4368	6331	7482	7295	8877	6868	4637
79	2007 Regional Report Surplus Deficit	3015	266	4126	2890	3046	1348	2166	1790	7257	6467	6106	8597	5011	4457
80	2008 Regional Report Surplus Deficit	2268	475	3917	2504	3178	294	163	883	4127	4187	3845	8561	6979	5028
	Ranked Averages														
81	**Bottom 10 pct**	**522**	**-232**	**4378**	**2835**	**2383**	**854**	**21.2**	**1366**	**4289**	**4129**	**5110**	**8520**	**5754**	**3738**
82	**Middle 80 pct**	**2615**	**1997**	**5362**	**3658**	**3174**	**1513**	**1545**	**3011**	**5513**	**5256**	**6009**	**8481**	**5690**	**4137**
83	**Top 10 pct**	**3514**	**3692**	**7076**	**4505**	**3875**	**1707**	**1953**	**3503**	**5130**	**5308**	**6269**	**8322**	**5411**	**3899**

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BONNEVILLE POWER ADMINISTRATION
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