2012 Pacific Northwest Loads and Resources Study

Technical Appendix, Volume 2: Capacity Analysis

October 2012

2012 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY
The White Book

TECHNICAL APPENDIX

Volume 2

Capacity Analysis

BONNEVILLE POWER ADMINISTRATION
October 2012

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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:

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Northwest Power & Conservation Council

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Section 1: Monthly Capacity (Common Tables) Operating Year 2014 to 2023

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Exhibit 1
Table A-1: Regional Total Retail Loads

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-1: Regional: Total Retail Loads

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Firm Loads															
1	Federal Agency	152	152	142	166	193	222	221	204	205	181	181	163	167	169	152
2	USBR	671	671	589	529	162	264	14.9	301	409	462	462	585	627	696	671
3	Cooperative	2595	2595	2428	2486	2720	3156	3119	2923	2667	2640	2640	2570	2619	2763	2595
4	Municipality	3375	3375	3248	3743	4302	4603	4591	4421	3978	3781	3781	3282	3343	3527	3375
5	Public Utility District	5469	5469	5210	5825	6782	7528	7336	6946	6211	5972	5972	5415	5406	5689	5469
6	Investor-Owned Utility	15975	15975	13771	13485	15120	16643	16995	15810	14499	13429	13429	12819	15433	16766	15975
7	Marketer	440	440	420	419	424	435	443	430	424	412	412	413	431	449	440
8	Direct-Service Industry	463	463	463	463	463	463	463	463	463	463	463	463	463	463	463
9	**Total Firm Loads**	**29140**	**29140**	**26271**	**27116**	**30166**	**33313**	**33182**	**31497**	**28856**	**27339**	**27339**	**25709**	**28488**	**30521**	**29140**
	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	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**	**0**
	Total Regional Loads (Firm+Non-Firm)															
12	Federal Agency	152	152	142	166	193	222	221	204	205	181	181	163	167	169	152
13	USBR	671	671	589	529	162	264	14.9	301	409	462	462	585	627	696	671
14	Cooperative	2595	2595	2428	2486	2720	3156	3119	2923	2667	2640	2640	2570	2619	2763	2595
15	Municipality	3375	3375	3248	3743	4302	4603	4591	4421	3978	3781	3781	3282	3343	3527	3375
16	Public Utility District	5469	5469	5224	5825	6782	7528	7340	6969	6265	6006	6006	5415	5406	5689	5469
17	Investor-Owned Utility	15975	15975	13771	13485	15120	16643	16995	15810	14499	13429	13429	12819	15433	16766	15975
18	Marketer	440	440	420	419	424	435	443	430	424	412	412	413	431	449	440
19	Direct-Service Industry	463	463	463	463	463	463	463	463	463	463	463	463	463	463	463
20	**Total Loads**	**29140**	**29140**	**26285**	**27116**	**30166**	**33313**	**33186**	**31520**	**28910**	**27373**	**27373**	**25709**	**28488**	**30521**	**29140**

Table A-1: Regional: Total Retail Loads

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
Firm Loads																
1	Federal Agency	154	154	144	168	195	224	224	208	208	183	183	165	170	171	154
2	USBR	673	673	589	529	161	264	14.8	301	409	462	462	585	627	696	673
3	Cooperative	2655	2655	2483	2535	2768	3204	3165	2962	2709	2685	2685	2617	2669	2818	2655
4	Municipality	3506	3506	3320	3774	4335	4637	4622	4451	4007	3810	3810	3310	3372	3557	3506
5	Public Utility District	5629	5629	5306	5885	6848	7590	7396	7004	6271	6030	6030	5473	5474	5764	5629
6	Investor-Owned Utility	16509	16509	14207	13901	15549	17116	17484	16253	14861	13758	13758	13143	15840	17224	16509
7	Marketer	442	442	422	420	425	436	445	432	426	413	413	415	434	451	442
8	Direct-Service Industry	463	463	463	508	508	508	508	508	508	508	508	508	508	508	463
9	**Total Firm Loads**	**30030**	**30030**	**26935**	**27720**	**30789**	**33978**	**33859**	**32118**	**29399**	**27848**	**27848**	**26217**	**29094**	**31188**	**30030**
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	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**	**0**
Total Regional Loads (Firm+Non-Firm)																
12	Federal Agency	154	154	144	168	195	224	224	208	208	183	183	165	170	171	154
13	USBR	673	673	589	529	161	264	14.8	301	409	462	462	585	627	696	673
14	Cooperative	2655	2655	2483	2535	2768	3204	3165	2962	2709	2685	2685	2617	2669	2818	2655
15	Municipality	3506	3506	3320	3774	4335	4637	4622	4451	4007	3810	3810	3310	3372	3557	3506
16	Public Utility District	5629	5629	5320	5885	6848	7590	7400	7027	6325	6064	6064	5473	5474	5764	5629
17	Investor-Owned Utility	16509	16509	14207	13901	15549	17116	17484	16253	14861	13758	13758	13143	15840	17224	16509
18	Marketer	442	442	422	420	425	436	445	432	426	413	413	415	434	451	442
19	Direct-Service Industry	463	463	463	508	508	508	508	508	508	508	508	508	508	508	463
20	**Total Loads**	**30030**	**30030**	**26949**	**27720**	**30789**	**33978**	**33863**	**32141**	**29453**	**27882**	**27882**	**26217**	**29094**	**31188**	**30030**

Table A-1: Regional: Total Retail Loads

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Firm Loads															
1	Federal Agency	156	156	146	170	197	227	225	201	209	184	184	166	171	172	156
2	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
3	Cooperative	2707	2707	2532	2580	2812	3248	3224	3003	2762	2742	2742	2678	2731	2885	2707
4	Municipality	3536	3536	3349	3802	4366	4669	4649	4455	4033	3836	3836	3336	3400	3584	3536
5	Public Utility District	5703	5703	5372	5952	6917	7659	7465	7044	6329	6087	6087	5537	5520	5823	5703
6	Investor-Owned Utility	16925	16925	14544	14200	15866	17460	17842	16584	15170	14038	14038	13417	16199	17604	16925
7	Marketer	444	444	424	421	427	438	446	433	427	414	414	416	436	454	444
8	Direct-Service Industry	508	508	508	553	553	553	553	553	553	553	553	553	553	553	508
9	**Total Firm Loads**	**30651**	**30651**	**27464**	**28204**	**31300**	**34518**	**34419**	**32574**	**29892**	**28316**	**28316**	**26687**	**29636**	**31771**	**30651**
	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	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**	**0**
	Total Regional Loads (Firm+Non-Firm)															
12	Federal Agency	156	156	146	170	197	227	225	201	209	184	184	166	171	172	156
13	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
14	Cooperative	2707	2707	2532	2580	2812	3248	3224	3003	2762	2742	2742	2678	2731	2885	2707
15	Municipality	3536	3536	3349	3802	4366	4669	4649	4455	4033	3836	3836	3336	3400	3584	3536
16	Public Utility District	5703	5703	5386	5952	6917	7659	7469	7067	6383	6121	6121	5537	5520	5823	5703
17	Investor-Owned Utility	16925	16925	14544	14200	15866	17460	17842	16584	15170	14038	14038	13417	16199	17604	16925
18	Marketer	444	444	424	421	427	438	446	433	427	414	414	416	436	454	444
19	Direct-Service Industry	508	508	508	553	553	553	553	553	553	553	553	553	553	553	508
20	**Total Loads**	**30651**	**30651**	**27478**	**28204**	**31300**	**34518**	**34423**	**32597**	**29946**	**28350**	**28350**	**26687**	**29636**	**31771**	**30651**

Table A-1: Regional: Total Retail Loads

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Firm Loads															
1	Federal Agency	157	157	147	171	199	229	240	223	223	198	198	179	185	185	157
2	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
3	Cooperative	2771	2771	2590	2634	2867	3310	3283	3080	2815	2800	2800	2739	2794	2953	2771
4	Municipality	3564	3564	3375	3831	4399	4702	4680	4508	4061	3865	3865	3365	3430	3615	3564
5	Public Utility District	5760	5760	5414	6006	6957	7717	7520	7107	6376	6141	6141	5590	5578	5886	5760
6	Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973	17301
7	Marketer	447	447	426	423	428	440	448	435	429	416	416	418	438	456	447
8	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
9	**Total Firm Loads**	**31226**	**31226**	**27929**	**28613**	**31725**	**35000**	**34914**	**33082**	**30305**	**28720**	**28720**	**27094**	**30133**	**32316**	**31226**
	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	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**	**0**
	Total Regional Loads (Firm+Non-Firm)															
12	Federal Agency	157	157	147	171	199	229	240	223	223	198	198	179	185	185	157
13	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
14	Cooperative	2771	2771	2590	2634	2867	3310	3283	3080	2815	2800	2800	2739	2794	2953	2771
15	Municipality	3564	3564	3375	3831	4399	4702	4680	4508	4061	3865	3865	3365	3430	3615	3564
16	Public Utility District	5760	5760	5428	6006	6957	7717	7524	7130	6430	6175	6175	5590	5578	5886	5760
17	Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973	17301
18	Marketer	447	447	426	423	428	440	448	435	429	416	416	418	438	456	447
19	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
20	**Total Loads**	**31226**	**31226**	**27943**	**28613**	**31725**	**35000**	**34918**	**33105**	**30359**	**28754**	**28754**	**27094**	**30133**	**32316**	**31226**

Table A-1: Regional: Total Retail Loads

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Firm Loads															
1	Federal Agency	171	171	160	183	210	241	246	228	229	203	203	184	190	190	171
2	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
3	Cooperative	2837	2837	2650	2689	2921	3372	3345	3137	2870	2859	2859	2799	2854	3019	2837
4	Municipality	3595	3595	3405	3856	4427	4730	4707	4536	4087	3891	3891	3390	3456	3642	3595
5	Public Utility District	5823	5823	5472	6071	7018	7785	7586	7170	6434	6206	6206	5654	5641	5952	5823
6	Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292	17660
7	Marketer	448	448	427	424	430	441	450	436	430	417	417	419	440	458	448
8	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
9	**Total Firm Loads**	**31758**	**31758**	**28367**	**28997**	**32128**	**35441**	**35359**	**33492**	**30681**	**29094**	**29094**	**27470**	**30578**	**32801**	**31758**
	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	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**	**0**
	Total Regional Loads (Firm+Non-Firm)															
12	Federal Agency	171	171	160	183	210	241	246	228	229	203	203	184	190	190	171
13	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
14	Cooperative	2837	2837	2650	2689	2921	3372	3345	3137	2870	2859	2859	2799	2854	3019	2837
15	Municipality	3595	3595	3405	3856	4427	4730	4707	4536	4087	3891	3891	3390	3456	3642	3595
16	Public Utility District	5823	5823	5486	6071	7018	7785	7590	7193	6488	6240	6240	5654	5641	5952	5823
17	Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292	17660
18	Marketer	448	448	427	424	430	441	450	436	430	417	417	419	440	458	448
19	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
20	**Total Loads**	**31758**	**31758**	**28381**	**28997**	**32128**	**35441**	**35363**	**33515**	**30735**	**29128**	**29128**	**27470**	**30578**	**32801**	**31758**

Table A-1: Regional: Total Retail Loads

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
Firm Loads																
1	Federal Agency	175	175	165	188	214	245	251	234	233	207	207	189	194	194	175
2	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
3	Cooperative	2901	2901	2709	2747	2979	3438	3410	3191	2928	2921	2921	2863	2919	3089	2901
4	Municipality	3621	3621	3431	3883	4455	4758	4734	4561	4113	3916	3916	3415	3482	3668	3621
5	Public Utility District	5888	5888	5528	6123	7078	7850	7649	7221	6487	6264	6264	5714	5704	6018	5888
6	Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592	17979
7	Marketer	450	450	429	426	431	443	451	438	432	418	418	420	441	460	450
8	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
9	**Total Firm Loads**	**32240**	**32240**	**28754**	**29347**	**32502**	**35851**	**35770**	**33867**	**31044**	**29447**	**29447**	**27822**	**31002**	**33269**	**32240**
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	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**	**0**
Total Regional Loads (Firm+Non-Firm)																
12	Federal Agency	175	175	165	188	214	245	251	234	233	207	207	189	194	194	175
13	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
14	Cooperative	2901	2901	2709	2747	2979	3438	3410	3191	2928	2921	2921	2863	2919	3089	2901
15	Municipality	3621	3621	3431	3883	4455	4758	4734	4561	4113	3916	3916	3415	3482	3668	3621
16	Public Utility District	5888	5888	5542	6123	7078	7850	7653	7244	6541	6298	6298	5714	5704	6018	5888
17	Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592	17979
18	Marketer	450	450	429	426	431	443	451	438	432	418	418	420	441	460	450
19	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
20	**Total Loads**	**32240**	**32240**	**28768**	**29347**	**32502**	**35851**	**35774**	**33890**	**31098**	**29481**	**29481**	**27822**	**31002**	**33269**	**32240**

Table A-1: Regional: Total Retail Loads

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Firm Loads															
1	Federal Agency	179	179	169	192	217	249	254	228	236	210	210	191	197	197	179
2	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
3	Cooperative	2969	2969	2772	2807	3040	3505	3469	3232	2982	2979	2979	2923	2981	3157	2969
4	Municipality	3647	3647	3456	3906	4480	4784	4759	4562	4137	3939	3939	3438	3506	3692	3647
5	Public Utility District	5954	5954	5579	6177	7136	7914	7712	7279	6541	6317	6317	5775	5767	6075	5954
6	Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896	18275
7	Marketer	451	451	430	427	433	444	453	439	433	420	420	421	443	461	451
8	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
9	**Total Firm Loads**	**32700**	**32700**	**29121**	**29696**	**32877**	**36268**	**36176**	**34202**	**31399**	**29794**	**29794**	**28171**	**31429**	**33726**	**32700**
	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	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**	**0**
	Total Regional Loads (Firm+Non-Firm)															
12	Federal Agency	179	179	169	192	217	249	254	228	236	210	210	191	197	197	179
13	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
14	Cooperative	2969	2969	2772	2807	3040	3505	3469	3232	2982	2979	2979	2923	2981	3157	2969
15	Municipality	3647	3647	3456	3906	4480	4784	4759	4562	4137	3939	3939	3438	3506	3692	3647
16	Public Utility District	5954	5954	5593	6177	7136	7914	7716	7302	6595	6351	6351	5775	5767	6075	5954
17	Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896	18275
18	Marketer	451	451	430	427	433	444	453	439	433	420	420	421	443	461	451
19	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
20	**Total Loads**	**32700**	**32700**	**29135**	**29696**	**32877**	**36268**	**36180**	**34225**	**31453**	**29828**	**29828**	**28171**	**31429**	**33726**	**32700**

Table A-1: Regional: Total Retail Loads

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Firm Loads															
1	Federal Agency	182	182	171	194	219	252	256	238	238	212	212	193	199	199	182
2	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
3	Cooperative	3034	3034	2832	2863	3096	3566	3538	3323	3046	3048	3048	2994	3055	3237	3034
4	Municipality	3672	3672	3479	3935	4510	4815	4788	4615	4164	3966	3966	3465	3532	3719	3672
5	Public Utility District	6020	6020	5632	6230	7196	7981	7775	7349	6597	6373	6373	5838	5832	6136	6020
6	Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199	18572
7	Marketer	453	453	432	428	434	446	454	441	434	421	421	423	444	463	453
8	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
9	**Total Firm Loads**	**33157**	**33157**	**29488**	**30049**	**33255**	**36683**	**36602**	**34668**	**31775**	**30155**	**30155**	**28542**	**31874**	**34202**	**33157**
	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	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**	**0**
	Total Regional Loads (Firm+Non-Firm)															
12	Federal Agency	182	182	171	194	219	252	256	238	238	212	212	193	199	199	182
13	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
14	Cooperative	3034	3034	2832	2863	3096	3566	3538	3323	3046	3048	3048	2994	3055	3237	3034
15	Municipality	3672	3672	3479	3935	4510	4815	4788	4615	4164	3966	3966	3465	3532	3719	3672
16	Public Utility District	6020	6020	5646	6230	7196	7981	7779	7372	6651	6407	6407	5838	5832	6136	6020
17	Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199	18572
18	Marketer	453	453	432	428	434	446	454	441	434	421	421	423	444	463	453
19	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
20	**Total Loads**	**33157**	**33157**	**29502**	**30049**	**33255**	**36683**	**36606**	**34691**	**31829**	**30189**	**30189**	**28542**	**31874**	**34202**	**33157**

Table A-1: Regional: Total Retail Loads

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Firm Loads															
1	Federal Agency	184	184	173	196	221	254	258	240	240	213	213	194	200	200	184
2	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
3	Cooperative	3112	3112	2907	2934	3168	3642	3590	3370	3092	3094	3094	3040	3100	3284	3112
4	Municipality	3699	3699	3506	3960	4537	4843	4815	4642	4189	3991	3991	3489	3558	3745	3699
5	Public Utility District	6085	6085	5684	6280	7252	8043	7835	7406	6650	6425	6425	5894	5888	6193	6085
6	Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510	18874
7	Marketer	454	454	433	430	435	447	456	442	436	422	422	424	446	465	454
8	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
9	**Total Firm Loads**	**33633**	**33633**	**29874**	**30413**	**33643**	**37102**	**37000**	**35042**	**32129**	**30490**	**30490**	**28876**	**32278**	**34646**	**33633**
	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	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**	**0**
	Total Regional Loads (Firm+Non-Firm)															
12	Federal Agency	184	184	173	196	221	254	258	240	240	213	213	194	200	200	184
13	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
14	Cooperative	3112	3112	2907	2934	3168	3642	3590	3370	3092	3094	3094	3040	3100	3284	3112
15	Municipality	3699	3699	3506	3960	4537	4843	4815	4642	4189	3991	3991	3489	3558	3745	3699
16	Public Utility District	6085	6085	5698	6280	7252	8043	7839	7429	6704	6459	6459	5894	5888	6193	6085
17	Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510	18874
18	Marketer	454	454	433	430	435	447	456	442	436	422	422	424	446	465	454
19	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
20	**Total Loads**	**33633**	**33633**	**29888**	**30413**	**33643**	**37102**	**37004**	**35065**	**32183**	**30524**	**30524**	**28876**	**32278**	**34646**	**33633**

Table A-1: Regional: Total Retail Loads

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Firm Loads															
1	Federal Agency	185	185	174	197	223	256	260	243	236	214	214	196	202	202	185
2	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
3	Cooperative	3158	3158	2950	2979	3215	3696	3631	3400	3128	3131	3131	3076	3136	3323	3158
4	Municipality	3725	3725	3531	3985	4564	4870	4841	4667	4217	4015	4015	3514	3583	3771	3725
5	Public Utility District	6150	6150	5736	6335	7312	8109	7899	7457	6706	6480	6480	5949	5945	6254	6150
6	Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823	19178
7	Marketer	456	456	434	431	437	449	458	444	437	424	424	425	447	466	456
8	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
9	**Total Firm Loads**	**34076**	**34076**	**30227**	**30751**	**34006**	**37500**	**37394**	**35392**	**32472**	**30819**	**30819**	**29205**	**32677**	**35087**	**34076**
	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	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**	**0**
	Total Regional Loads (Firm+Non-Firm)															
12	Federal Agency	185	185	174	197	223	256	260	243	236	214	214	196	202	202	185
13	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696	672
14	Cooperative	3158	3158	2950	2979	3215	3696	3631	3400	3128	3131	3131	3076	3136	3323	3158
15	Municipality	3725	3725	3531	3985	4564	4870	4841	4667	4217	4015	4015	3514	3583	3771	3725
16	Public Utility District	6150	6150	5750	6335	7312	8109	7903	7480	6760	6514	6514	5949	5945	6254	6150
17	Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823	19178
18	Marketer	456	456	434	431	437	449	458	444	437	424	424	425	447	466	456
19	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553
20	**Total Loads**	**34076**	**34076**	**30241**	**30751**	**34006**	**37500**	**37398**	**35415**	**32526**	**30853**	**30853**	**29205**	**32677**	**35087**	**34076**

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Exhibit 2
Table A-2: Regional Exports

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-2: Regional Exports

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
1	BPA-P to BCHP Trty LCADel	0	0	0	232	0	0	0	129	116	0	0	0	0	0
2	BPA-P to BCHP Trty CEA	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311
3	BPA-P to BCHP NTSA Del	152	152	0	0	0	0	0	0	0	0	0	0	0	33.7
4	**Total Exports to CAN**	**1463**	**1463**	**1311**	**1543**	**1311**	**1311**	**1311**	**1440**	**1427**	**1311**	**1311**	**1311**	**1311**	**1345**
	East Continental Divide														
5	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
6	BPA-P to Other Entities	13.0	13.0	10.5	10.3	12.3	13.3	14.1	13.3	12.7	11.5	11.5	10.2	12.0	13.7
7	**Total Exports to ECD**	**19.8**	**19.8**	**17.3**	**17.1**	**19.1**	**20.1**	**20.9**	**20.1**	**19.5**	**18.3**	**18.3**	**17.0**	**18.8**	**20.5**
	Inland Southwest														
8	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
10	AVWP to SMUD PwrS LTFirm	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
11	BPA-P to PASA CNX Del	15.0	15.0	15.0	0	0	0	0	0	0	0	0	0	0	15.0
12	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	15.0	15.0	0
13	BPA-P to Other Entities	50.0	50.0	50.0	0	0	0	0	0	0	0	0	0	0	0
14	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	60.0
15	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	60.0	60.0	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	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
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	PPL to REDD PwrS LTFirm	50.0	50.0	50.0	50.0	0	0	0	0	0	0	0	50.0	50.0	50.0
24	PPL to SMUD PwrS LTFirm	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
25	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
26	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	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
28	SDGE to SDGE TS PwrP	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	0	85.8	85.8
29	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
30	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
31	Intertie Losses	4	4	4	2								2	2	2
32	**Total Exports to PSW**	**915**	**915**	**915**	**517**	**384**	**381**	**381**	**381**	**384**	**384**	**392**	**360**	**864**	**864**
	Total Exports														
33	Federal Entities	1604	1604	1450	1615	1339	1340	1341	1469	1455	1338	1338	1398	1400	1436
34	Investor Owned Utilities	593	593	593	293	243	243	243	243	243	243	243	207	593	593
35	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
36	Municipality	193	193	193	162	133	130	130	130	133	133	133	74.8	193	193
37	**Total Exports**	**2398**	**2398**	**2243**	**2077**	**1714**	**1713**	**1713**	**1842**	**1831**	**1713**	**1721**	**1688**	**2193**	**2229**

Table A-2: Regional Exports

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
1	BPA-P to BCHP Trty LCADel	0	0	0	232	0	0	0	129	116	0	0	0	0	0
2	BPA-P to BCHP Trty CEA	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
3	BPA-P to BCHP NTSA Del	152	152	0	0	0	0	0	0	0	0	0	0	0	32.5
4	**Total Exports to CAN**	**1495**	**1495**	**1343**	**1575**	**1343**	**1343**	**1343**	**1472**	**1459**	**1343**	**1343**	**1343**	**1343**	**1376**
	East Continental Divide														
5	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
6	BPA-P to Other Entities	13.0	13.0	10.5	10.3	12.3	13.3	14.1	13.3	12.7	11.5	11.5	10.2	12.0	13.7
7	**Total Exports to ECD**	**19.8**	**19.8**	**17.3**	**17.1**	**19.1**	**20.1**	**20.9**	**20.1**	**19.5**	**18.3**	**18.3**	**17.0**	**18.8**	**20.5**
	Inland Southwest														
8	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
10	AVWP to SMUD PwrS LTFirm	50.0	50.0	50.0	50.0	50.0	50.0	0	0	0	0	0	0	0	0
11	BPA-P to PASA CNX Del	15.0	15.0	15.0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	15.0	15.0	0
13	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	60.0
15	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	60.0	60.0	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	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
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	PPL to REDD PwrS LTFirm	50.0	50.0	50.0	50.0	0	0	0	0	0	0	0	50.0	50.0	50.0
24	PPL to SMUD PwrS LTFirm	100.0	100.0	100.0	100.0	100.0	100.0	0	0	0	0	0	0	0	0
25	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
26	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	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
28	SDGE to SDGE TS PwrP	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	0	85.8	85.8
29	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
30	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
31	Intertie Losses	2	2	2	2								2	2	2
32	**Total Exports to PSW**	**864**	**864**	**864**	**517**	**384**	**381**	**231**	**231**	**234**	**234**	**242**	**210**	**714**	**698**
	Total Exports														
33	Federal Entities	1585	1585	1431	1647	1371	1372	1373	1501	1487	1370	1370	1430	1432	1451
34	Investor Owned Utilities	593	593	593	293	243	243	92.6	92.6	92.6	92.6	92.6	56.8	443	443
35	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
36	Municipality	193	193	193	162	133	130	130	130	133	133	133	74.8	193	193
37	**Total Exports**	**2378**	**2378**	**2224**	**2109**	**1746**	**1745**	**1595**	**1724**	**1713**	**1595**	**1603**	**1570**	**2075**	**2094**

Table A-2: Regional Exports

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
1	BPA-P to BCHP Trty LCADel	0	0	0	232	0	0	0	129	116	0	0	0	0	0
2	BPA-P to BCHP Trty CEA	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307
3	BPA-P to BCHP NTSA Del	155	155	0	0	0	0	0	0	0	0	0	0	0	32.5
4	**Total Exports to CAN**	**1461**	**1461**	**1307**	**1539**	**1307**	**1307**	**1307**	**1436**	**1423**	**1307**	**1307**	**1307**	**1307**	**1339**
	East Continental Divide														
5	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
6	BPA-P to Other Entities	13.0	13.0	10.5	10.3	12.3	13.3	14.1	13.3	12.7	11.5	11.5	10.2	12.0	13.7
7	**Total Exports to ECD**	**19.8**	**19.8**	**17.3**	**17.1**	**19.1**	**20.1**	**20.9**	**20.1**	**19.5**	**18.3**	**18.3**	**17.0**	**18.8**	**20.5**
	Inland Southwest														
8	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
10	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	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
14	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	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
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	PPL to REDD PwrS LTFirm	50.0	50.0	50.0	50.0	0	0	0	0	0	0	0	0	0	0
23	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
24	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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
26	SDGE to SDGE TS PwrP	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	0	85.8	85.8
27	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
28	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
29	Intertie Losses	2	2	2	2								0		
30	**Total Exports to PSW**	**698**	**698**	**698**	**367**	**234**	**231**	**231**	**231**	**234**	**234**	**242**	**82.6**	**586**	**586**
	Total Exports														
31	Federal Entities	1536	1536	1379	1611	1334	1335	1336	1464	1451	1334	1334	1317	1319	1353
32	Investor Owned Utilities	443	443	443	143	92.6	92.6	92.6	92.6	92.6	92.6	92.6	6.80	393	393
33	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
34	Municipality	193	193	193	162	133	130	130	130	133	133	133	74.8	193	193
35	**Total Exports**	**2179**	**2179**	**2022**	**1923**	**1560**	**1558**	**1559**	**1687**	**1676**	**1559**	**1567**	**1406**	**1912**	**1946**

Table A-2: Regional Exports

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

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	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
1	BPA-P to BCHP Trty LCADel	0	0	0	232	0	0	0	129	116	0	0	0	0	0
2	BPA-P to BCHP Trty CEA	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307
3	BPA-P to BCHP NTSA Del	155	155	0	0	0	0	0	0	0	0	0	0	0	32.5
4	**Total Exports to CAN**	**1461**	**1461**	**1307**	**1539**	**1307**	**1307**	**1307**	**1436**	**1423**	**1307**	**1307**	**1307**	**1307**	**1339**
	East Continental Divide														
5	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
6	BPA-P to Other Entities	13.0	13.0	10.5	10.3	12.3	13.3	14.1	13.3	12.7	11.5	11.5	10.2	12.0	13.7
7	**Total Exports to ECD**	**19.8**	**19.8**	**17.3**	**17.1**	**19.1**	**20.1**	**20.9**	**20.1**	**19.5**	**18.3**	**18.3**	**17.0**	**18.8**	**20.5**
	Inland Southwest														
8	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
10	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	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
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	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
23	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	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
25	SDGE to SDGE TS PwrP	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	0	85.8	85.8
26	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
27	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
28	Intertie Losses												0		
29	**Total Exports to PSW**	**586**	**586**	**586**	**255**	**219**	**216**	**216**	**216**	**219**	**219**	**226**	**82.6**	**586**	**586**
	Total Exports														
30	Federal Entities	1474	1474	1317	1549	1319	1320	1321	1449	1436	1318	1318	1317	1319	1353
31	Investor Owned Utilities	393	393	393	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	6.80	393	393
32	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
33	Municipality	193	193	193	162	133	130	130	130	133	133	133	74.8	193	193
34	**Total Exports**	**2068**	**2068**	**1911**	**1811**	**1545**	**1543**	**1544**	**1672**	**1661**	**1544**	**1552**	**1406**	**1912**	**1946**

Table A-2: Regional Exports

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

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	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
1	BPA-P to BCHP Trty LCADel	0	0	0	232	0	0	0	129	116	0	0	0	0	0
2	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
3	BPA-P to BCHP NTSA Del	155	155	0	0	0	0	0	0	0	0	0	0	0	32.5
4	**Total Exports to CAN**	**1479**	**1479**	**1324**	**1556**	**1324**	**1324**	**1324**	**1453**	**1440**	**1324**	**1324**	**1324**	**1324**	**1357**
	East Continental Divide														
5	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
6	BPA-P to Other Entities	13.0	13.0	10.5	10.3	12.3	13.3	14.1	13.3	12.7	11.5	11.5	10.2	12.0	13.7
7	**Total Exports to ECD**	**19.8**	**19.8**	**17.3**	**17.1**	**19.1**	**20.1**	**20.9**	**20.1**	**19.5**	**18.3**	**18.3**	**17.0**	**18.8**	**20.5**
	Inland Southwest														
8	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
10	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	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
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	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
23	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SCL to NCPA SNX Del	60.0	60.0	60.0	29.0	0	0	0	0	0	0	0	0	0	0
25	SDGE to SDGE TS PwrP	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	0	85.8	85.8
26	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
27	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
28	Intertie Losses												0		
29	**Total Exports to PSW**	**567**	**567**	**567**	**236**	**199**	**199**	**199**	**199**	**199**	**199**	**207**	**62.8**	**507**	**507**
	Total Exports														
30	Federal Entities	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
31	Investor Owned Utilities	393	393	393	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	6.80	393	393
32	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
33	Municipality	173	173	173	142	113	113	113	113	113	113	113	55.0	113	113
34	**Total Exports**	**2065**	**2065**	**1908**	**1809**	**1542**	**1543**	**1544**	**1672**	**1659**	**1541**	**1549**	**1404**	**1850**	**1884**

Table A-2: Regional Exports

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
1	BPA-P to BCHP Trty LCADel	0	0	0	232	0	0	0	129	116	0	0	0	0	0
2	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
3	BPA-P to BCHP NTSA Del	155	155	0	0	0	0	0	0	0	0	0	0	0	32.5
4	**Total Exports to CAN**	**1479**	**1479**	**1324**	**1556**	**1324**	**1324**	**1324**	**1453**	**1440**	**1324**	**1324**	**1324**	**1324**	**1357**
	East Continental Divide														
5	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
6	BPA-P to Other Entities	13.0	13.0	10.5	10.3	12.3	13.3	14.1	13.3	12.7	11.5	11.5	10.2	12.0	13.7
7	**Total Exports to ECD**	**19.8**	**19.8**	**17.3**	**17.1**	**19.1**	**20.1**	**20.9**	**20.1**	**19.5**	**18.3**	**18.3**	**17.0**	**18.8**	**20.5**
	Inland Southwest														
8	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
10	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	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
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	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
23	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SCL to NCPA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	SDGE to SDGE TS PwrP	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	0	85.8	85.8
26	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
27	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
28	Intertie Losses												0		
29	**Total Exports to PSW**	**507**	**507**	**507**	**207**	**199**	**199**	**199**	**199**	**199**	**199**	**207**	**62.8**	**507**	**507**
	Total Exports														
30	Federal Entities	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
31	Investor Owned Utilities	393	393	393	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	6.80	393	393
32	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
33	Municipality	113	113	113	113	113	113	113	113	113	113	113	55.0	113	113
34	**Total Exports**	**2005**	**2005**	**1848**	**1780**	**1542**	**1543**	**1544**	**1672**	**1659**	**1541**	**1549**	**1404**	**1850**	**1884**

Table A-2: Regional Exports

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
1	BPA-P to BCHP Trty LCADel	0	0	0	232	0	0	0	129	116	0	0	0	0	0
2	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
3	BPA-P to BCHP NTSA Del	155	155	0	0	0	0	0	0	0	0	0	0	0	32.5
4	**Total Exports to CAN**	**1479**	**1479**	**1324**	**1556**	**1324**	**1324**	**1324**	**1453**	**1440**	**1324**	**1324**	**1324**	**1324**	**1357**
	East Continental Divide														
5	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
6	BPA-P to Other Entities	13.0	13.0	10.5	10.3	12.3	13.3	14.1	13.3	12.7	11.5	11.5	10.2	12.0	13.7
7	**Total Exports to ECD**	**19.8**	**19.8**	**17.3**	**17.1**	**19.1**	**20.1**	**20.9**	**20.1**	**19.5**	**18.3**	**18.3**	**17.0**	**18.8**	**20.5**
	Inland Southwest														
8	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
10	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	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
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	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
23	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SCL to NCPA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	SDGE to SDGE TS PwrP	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	0	85.8	85.8
26	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
27	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
28	Intertie Losses												0		
29	**Total Exports to PSW**	**507**	**507**	**507**	**207**	**199**	**199**	**199**	**199**	**199**	**199**	**207**	**62.8**	**507**	**507**
	Total Exports														
30	Federal Entities	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
31	Investor Owned Utilities	393	393	393	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	6.80	393	393
32	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
33	Municipality	113	113	113	113	113	113	113	113	113	113	113	55.0	113	113
34	**Total Exports**	**2005**	**2005**	**1848**	**1780**	**1542**	**1543**	**1544**	**1672**	**1659**	**1541**	**1549**	**1404**	**1850**	**1884**

Table A-2: Regional Exports

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
1	BPA-P to BCHP Trty LCADel	0	0	0	232	0	0	0	129	116	0	0	0	0	0
2	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
3	BPA-P to BCHP NTSA Del	155	155	0	0	0	0	0	0	0	0	0	0	0	32.5
4	**Total Exports to CAN**	**1479**	**1479**	**1324**	**1556**	**1324**	**1324**	**1324**	**1453**	**1440**	**1324**	**1324**	**1324**	**1324**	**1357**
	East Continental Divide														
5	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
6	BPA-P to Other Entities	13.0	13.0	10.5	10.3	12.3	13.3	14.1	13.3	12.7	11.5	11.5	10.2	12.0	13.7
7	**Total Exports to ECD**	**19.8**	**19.8**	**17.3**	**17.1**	**19.1**	**20.1**	**20.9**	**20.1**	**19.5**	**18.3**	**18.3**	**17.0**	**18.8**	**20.5**
	Inland Southwest														
8	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
10	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	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
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	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
23	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SCL to NCPA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	SDGE to SDGE TS PwrP	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	0	85.8	85.8
26	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
27	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
28	Intertie Losses												0		
29	**Total Exports to PSW**	**507**	**507**	**507**	**207**	**199**	**199**	**199**	**199**	**199**	**199**	**207**	**62.8**	**507**	**507**
	Total Exports														
30	Federal Entities	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
31	Investor Owned Utilities	393	393	393	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	6.80	393	393
32	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
33	Municipality	113	113	113	113	113	113	113	113	113	113	113	55.0	113	113
34	**Total Exports**	**2005**	**2005**	**1848**	**1780**	**1542**	**1543**	**1544**	**1672**	**1659**	**1541**	**1549**	**1404**	**1850**	**1884**

Table A-2: Regional Exports

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
1	BPA-P to BCHP Trty LCADel	0	0	0	232	0	0	0	129	116	0	0	0	0	0
2	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
3	BPA-P to BCHP NTSA Del	155	155	0	0	0	0	0	0	0	0	0	0	0	32.5
4	**Total Exports to CAN**	**1479**	**1479**	**1324**	**1556**	**1324**	**1324**	**1324**	**1453**	**1440**	**1324**	**1324**	**1324**	**1324**	**1357**
	East Continental Divide														
5	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
6	BPA-P to Other Entities	13.0	13.0	10.5	10.3	12.3	13.3	14.1	13.3	12.7	11.5	11.5	10.2	12.0	13.7
7	**Total Exports to ECD**	**19.8**	**19.8**	**17.3**	**17.1**	**19.1**	**20.1**	**20.9**	**20.1**	**19.5**	**18.3**	**18.3**	**17.0**	**18.8**	**20.5**
	Inland Southwest														
8	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
10	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	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
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	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
23	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SCL to NCPA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	SDGE to SDGE TS PwrP	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	0	85.8	85.8
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												0		
28	**Total Exports to PSW**	**452**	**452**	**452**	**152**	**144**	**144**	**144**	**144**	**144**	**144**	**152**	**7.81**	**452**	**452**
	Total Exports														
29	Federal Entities	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
30	Investor Owned Utilities	393	393	393	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	6.80	393	393
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	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
33	**Total Exports**	**1950**	**1950**	**1793**	**1725**	**1487**	**1488**	**1489**	**1617**	**1604**	**1486**	**1494**	**1349**	**1795**	**1829**

Table A-2: Regional Exports

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Canada														
1	BPA-P to BCHP Trty LCADel	0	0	0	232	0	0	0	129	116	0	0	0	0	0
2	BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
3	BPA-P to BCHP NTSA Del	155	155	0	0	0	0	0	0	0	0	0	0	0	32.5
4	**Total Exports to CAN**	**1479**	**1479**	**1324**	**1556**	**1324**	**1324**	**1324**	**1453**	**1440**	**1324**	**1324**	**1324**	**1324**	**1357**
	East Continental Divide														
5	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
6	BPA-P to Other Entities	13.0	13.0	10.5	10.3	12.3	13.3	14.1	13.3	12.7	11.5	11.5	10.2	12.0	13.7
7	**Total Exports to ECD**	**19.8**	**19.8**	**17.3**	**17.1**	**19.1**	**20.1**	**20.9**	**20.1**	**19.5**	**18.3**	**18.3**	**17.0**	**18.8**	**20.5**
	Inland Southwest														
8	UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	**Total Exports to ISW**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Pacific Southwest														
10	BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	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
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	PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
23	SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SCL to NCPA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	SDGE to SDGE TS PwrP	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	0	85.8	85.8
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												0		
28	**Total Exports to PSW**	**452**	**452**	**452**	**152**	**144**	**144**	**144**	**144**	**144**	**144**	**152**	**7.81**	**452**	**452**
	Total Exports														
29	Federal Entities	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
30	Investor Owned Utilities	393	393	393	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	6.80	393	393
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	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
33	**Total Exports**	**1950**	**1950**	**1793**	**1725**	**1487**	**1488**	**1489**	**1617**	**1604**	**1486**	**1494**	**1349**	**1795**	**1829**

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Exhibit 3
Table A-3: Regional Imports

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-3: Regional: Imports

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Canada															
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	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	1.00
3	BCHP to BPA-P Trty LCARtn	120	120	0	0	0	232	0	0	0	0	0	0	0	0	120
4	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	2.83
5	**Total Imports From CAN**	**266**	**266**	**146**	**147**	**102**	**356**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**	**266**
	East Continental Divide															
6	PPL to PPL TS PwrP	217	217	216	217	254	304	290	301	258	214	214	215	229	224	217
7	Unk_ECD_Mrktr to Other Entities	175	175	155	154	159	170	178	165	159	147	147	148	166	184	175
8	**Total Imports From ECD**	**391**	**391**	**371**	**370**	**413**	**474**	**468**	**466**	**417**	**360**	**360**	**363**	**395**	**408**	**391**
	Inland Southwest															
9	RMP to RMP TS PwrP	701	701	598	547	549	627	573	571	546	519	519	559	778	851	701
10	**Total Imports From ISW**	**701**	**701**	**598**	**547**	**549**	**627**	**573**	**571**	**546**	**519**	**519**	**559**	**778**	**851**	**701**
	Pacific Southwest															
11	BARC to PSE PwrS LTFirm	0	0	0	0	75.0	75.0	75.0	75.0	0	0	0	0	0	0	0
12	PASA to BPA-P CNX EER	0	0	7.01	7.01	7.01	7.01	7.01	7.01	7.01	0	0	0	0	0	0
13	PASA to BPA-P CNX Repl	15.0	15.0	15.0	15.0	0	0	0	0	0	0	0	0	0	15.0	15.0
14	PASA to BPA-P SNX Ret	0	0	9.33	9.33	9.33	9.33	9.33	9.33	9.33	0	0	0	0	0	0
15	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	0
16	RVSD to BPA-P CNX Repl	40.0	40.0	40.0	40.0	40.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0	40.0	40.0
17	RVSD to BPA-P SNX Ret	0	0	0	0	16.8	16.8	16.8	16.8	16.8	16.8	16.8	0	0	0	0
18	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0	0
19	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	0
20	**Total Imports From PSW**	**55.0**	**55.0**	**71.3**	**71.3**	**502**	**493**	**493**	**493**	**118**	**67.9**	**67.9**	**10.00**	**0**	**55.0**	**55.0**
	Total Imports															
21	Federal Entities	176	176	72.3	72.3	103	305	73.2	73.2	73.2	56.9	56.9	11.0	1.00	56.0	176
22	Investor Owned Utilities	921	921	817	767	1182	1310	1243	1251	808	736	736	777	1009	1078	921
23	Marketer	175	175	155	154	159	170	178	165	159	147	147	148	166	184	175
24	Municipality	143	143	143	143	122	164	195	228	254	155	155	143	143	143	143
25	**Total Imports**	**1414**	**1414**	**1186**	**1136**	**1566**	**1950**	**1689**	**1718**	**1295**	**1094**	**1094**	**1078**	**1319**	**1460**	**1414**

Table A-3: Regional: Imports

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Canada															
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	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	1.00
3	BCHP to BPA-P Trty LCARtn	120	120	0	0	0	232	0	0	0	0	0	0	0	0	120
4	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	2.83
5	**Total Imports From CAN**	**266**	**266**	**146**	**147**	**102**	**356**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**	**266**
	East Continental Divide															
6	PPL to PPL TS PwrP	216	216	215	218	255	305	290	302	259	214	214	215	230	225	216
7	Unk_ECD_Mrktr to Other Entities	177	177	157	155	160	171	180	167	161	148	148	150	169	186	177
8	**Total Imports From ECD**	**393**	**393**	**372**	**372**	**415**	**476**	**470**	**468**	**420**	**362**	**362**	**365**	**398**	**411**	**393**
	Inland Southwest															
9	RMP to RMP TS PwrP	720	720	612	557	556	635	580	578	553	525	525	566	791	865	720
10	**Total Imports From ISW**	**720**	**720**	**612**	**557**	**556**	**635**	**580**	**578**	**553**	**525**	**525**	**566**	**791**	**865**	**720**
	Pacific Southwest															
11	BARC to PSE PwrS LTFirm	0	0	0	0	75.0	75.0	75.0	75.0	0	0	0	0	0	0	0
12	PASA to BPA-P CNX EER	0	0	7.01	7.01	7.01	7.01	7.01	7.01	7.01	0	0	0	0	0	0
13	PASA to BPA-P CNX Repl	15.0	15.0	15.0	15.0	0	0	0	0	0	0	0	0	0	0	15.0
14	PASA to BPA-P SNX Ret	0	0	9.33	9.33	9.33	9.33	9.33	9.33	9.33	0	0	0	0	0	0
15	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	0
16	RVSD to BPA-P CNX Repl	40.0	40.0	40.0	40.0	15.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0	40.0	40.0
17	RVSD to BPA-P SNX Ret	0	0	0	0	16.8	16.8	16.8	16.8	16.8	16.8	16.8	0	0	0	0
18	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0	0
19	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	0
20	**Total Imports From PSW**	**55.0**	**55.0**	**71.3**	**71.3**	**477**	**493**	**493**	**493**	**118**	**67.9**	**67.9**	**10.00**	**0**	**40.0**	**55.0**
	Total Imports															
21	Federal Entities	176	176	72.3	72.3	78.2	305	73.2	73.2	73.2	56.9	56.9	11.0	1.00	41.0	176
22	Investor Owned Utilities	939	939	830	778	1190	1319	1250	1259	816	743	743	785	1023	1093	939
23	Marketer	177	177	157	155	160	171	180	167	161	148	148	150	169	186	177
24	Municipality	143	143	143	143	122	164	195	228	254	155	155	143	143	143	143
25	**Total Imports**	**1434**	**1434**	**1202**	**1148**	**1550**	**1960**	**1698**	**1727**	**1304**	**1102**	**1102**	**1088**	**1335**	**1462**	**1434**

Table A-3: Regional: Imports

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Canada															
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	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	1.00
3	BCHP to BPA-P Trty LCARtn	120	120	0	0	0	232	0	0	0	0	0	0	0	0	120
4	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	2.83
5	**Total Imports From CAN**	**266**	**266**	**146**	**147**	**102**	**356**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**	**266**
	East Continental Divide															
6	PPL to PPL TS PwrP	217	217	216	218	256	306	291	301	260	215	215	216	231	226	217
7	Unk_ECD_Mrktr to Other Entities	179	179	159	156	162	173	181	168	162	149	149	151	171	189	179
8	**Total Imports From ECD**	**396**	**396**	**375**	**375**	**417**	**479**	**473**	**469**	**422**	**365**	**365**	**367**	**401**	**415**	**396**
	Inland Southwest															
9	RMP to RMP TS PwrP	731	731	619	561	560	639	584	583	558	530	530	570	800	875	731
10	**Total Imports From ISW**	**731**	**731**	**619**	**561**	**560**	**639**	**584**	**583**	**558**	**530**	**530**	**570**	**800**	**875**	**731**
	Pacific Southwest															
11	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	0
15	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	40.0
16	RVSD to BPA-P SNX Ret	0	0	0	0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	0	0	0	0
17	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0	0
18	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	0
19	**Total Imports From PSW**	**40.0**	**40.0**	**40.0**	**40.0**	**381**	**402**	**402**	**402**	**102**	**68.1**	**68.1**	**0**	**0**	**0**	**40.0**
	Total Imports															
20	Federal Entities	161	161	41.0	41.0	57.1	289	57.1	57.1	57.1	57.1	57.1	1.00	1.00	1.00	161
21	Investor Owned Utilities	951	951	838	783	1120	1249	1180	1188	822	749	749	790	1033	1104	951
22	Marketer	179	179	159	156	162	173	181	168	162	149	149	151	171	189	179
23	Municipality	143	143	143	143	122	164	195	228	254	155	155	143	143	143	143
24	**Total Imports**	**1433**	**1433**	**1180**	**1123**	**1461**	**1875**	**1614**	**1642**	**1295**	**1110**	**1110**	**1084**	**1348**	**1436**	**1433**

Table A-3: Regional: Imports

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Canada															
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	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	1.00
3	BCHP to BPA-P Trty LCARtn	120	120	0	0	0	232	0	0	0	0	0	0	0	0	120
4	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	2.83
5	**Total Imports From CAN**	**266**	**266**	**146**	**147**	**102**	**356**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**	**266**
	East Continental Divide															
6	PPL to PPL TS PwrP	218	218	217	219	256	306	292	303	260	216	216	217	231	226	218
7	Unk_ECD_Mrktr to Other Entities	182	182	161	158	163	175	183	170	164	151	151	153	173	191	182
8	**Total Imports From ECD**	**399**	**399**	**378**	**377**	**420**	**481**	**475**	**473**	**424**	**367**	**367**	**369**	**404**	**418**	**399**
	Inland Southwest															
9	RMP to RMP TS PwrP	739	739	624	565	563	643	587	586	562	533	533	574	808	884	739
10	**Total Imports From ISW**	**739**	**739**	**624**	**565**	**563**	**643**	**587**	**586**	**562**	**533**	**533**	**574**	**808**	**884**	**739**
	Pacific Southwest															
11	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0	0
18	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	0
19	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**325**	**346**	**346**	**346**	**46.0**	**12.0**	**12.0**	**0**	**0**	**0**	**0**
	Total Imports															
20	Federal Entities	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	121
21	Investor Owned Utilities	959	959	844	787	1123	1253	1184	1194	826	752	752	794	1042	1113	959
22	Marketer	182	182	161	158	163	175	183	170	164	151	151	153	173	191	182
23	Municipality	143	143	143	143	122	164	195	228	254	155	155	143	143	143	143
24	**Total Imports**	**1405**	**1405**	**1148**	**1089**	**1409**	**1825**	**1563**	**1593**	**1245**	**1059**	**1059**	**1090**	**1358**	**1448**	**1405**

Table A-3: Regional: Imports

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Canada															
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	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	1.00
3	BCHP to BPA-P Trty LCARtn	120	120	0	0	0	232	0	0	0	0	0	0	0	0	120
4	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	2.83
5	**Total Imports From CAN**	**266**	**266**	**146**	**147**	**102**	**356**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**	**266**
	East Continental Divide															
6	PPL to PPL TS PwrP	218	218	217	220	257	307	292	304	261	216	216	218	232	227	218
7	Unk_ECD_Mrktr to Other Entities	183	183	162	159	165	176	185	171	165	152	152	154	175	193	183
8	**Total Imports From ECD**	**401**	**401**	**380**	**379**	**422**	**483**	**477**	**475**	**426**	**369**	**369**	**371**	**406**	**420**	**401**
	Inland Southwest															
9	RMP to RMP TS PwrP	747	747	628	569	566	647	590	589	565	536	536	578	817	893	747
10	**Total Imports From ISW**	**747**	**747**	**628**	**569**	**566**	**647**	**590**	**589**	**565**	**536**	**536**	**578**	**817**	**893**	**747**
	Pacific Southwest															
11	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0	0
18	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	0
19	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**325**	**346**	**346**	**346**	**46.0**	**12.0**	**12.0**	**0**	**0**	**0**	**0**
	Total Imports															
20	Federal Entities	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	121
21	Investor Owned Utilities	968	968	848	792	1127	1258	1187	1197	830	756	756	799	1051	1123	968
22	Marketer	183	183	162	159	165	176	185	171	165	152	152	154	175	193	183
23	Municipality	143	143	143	143	122	164	195	228	254	155	155	143	143	143	143
24	**Total Imports**	**1415**	**1415**	**1154**	**1095**	**1415**	**1831**	**1568**	**1598**	**1251**	**1064**	**1064**	**1096**	**1369**	**1459**	**1415**

Table A-3: Regional: Imports

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Canada															
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	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	1.00
3	BCHP to BPA-P Trty LCARtn	120	120	0	0	0	232	0	0	0	0	0	0	0	0	120
4	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	2.83
5	**Total Imports From CAN**	**266**	**266**	**146**	**147**	**102**	**356**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**	**266**
	East Continental Divide															
6	PPL to PPL TS PwrP	219	219	218	220	257	307	293	305	262	217	217	218	232	228	219
7	Unk_ECD_Mrktr to Other Entities	185	185	164	161	166	178	186	173	167	153	153	155	176	195	185
8	**Total Imports From ECD**	**404**	**404**	**382**	**381**	**424**	**485**	**479**	**477**	**428**	**371**	**371**	**373**	**409**	**422**	**404**
	Inland Southwest															
9	RMP to RMP TS PwrP	755	755	632	573	569	650	594	593	569	540	540	582	826	903	755
10	**Total Imports From ISW**	**755**	**755**	**632**	**573**	**569**	**650**	**594**	**593**	**569**	**540**	**540**	**582**	**826**	**903**	**755**
	Pacific Southwest															
11	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0	0
18	NCPA to SCL SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total Imports															
20	Federal Entities	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	121
21	Investor Owned Utilities	977	977	853	797	1131	1262	1192	1202	835	761	761	803	1061	1133	977
22	Marketer	185	185	164	161	166	178	186	173	167	153	153	155	176	195	185
23	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143	143
24	**Total Imports**	**1425**	**1425**	**1160**	**1101**	**1395**	**1791**	**1528**	**1558**	**1211**	**1058**	**1058**	**1102**	**1381**	**1471**	**1425**

Table A-3: Regional: Imports

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Canada															
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	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	1.00
3	BCHP to BPA-P Trty LCARtn	120	120	0	0	0	232	0	0	0	0	0	0	0	0	120
4	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	2.83
5	**Total Imports From CAN**	**266**	**266**	**146**	**147**	**102**	**356**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**	**266**
	East Continental Divide															
6	PPL to PPL TS PwrP	219	219	219	221	258	308	294	304	263	218	218	219	233	229	219
7	Unk_ECD_Mrktr to Other Entities	186	186	165	162	168	179	188	174	168	155	155	156	178	196	186
8	**Total Imports From ECD**	**406**	**406**	**384**	**383**	**426**	**487**	**482**	**478**	**431**	**373**	**373**	**376**	**411**	**425**	**406**
	Inland Southwest															
9	RMP to RMP TS PwrP	763	763	636	576	572	653	597	596	572	543	543	585	835	913	763
10	**Total Imports From ISW**	**763**	**763**	**636**	**576**	**572**	**653**	**597**	**596**	**572**	**543**	**543**	**585**	**835**	**913**	**763**
	Pacific Southwest															
11	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0	0
18	NCPA to SCL SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total Imports															
20	Federal Entities	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	121
21	Investor Owned Utilities	985	985	858	801	1135	1266	1196	1204	839	765	765	807	1071	1144	985
22	Marketer	186	186	165	162	168	179	188	174	168	155	155	156	178	196	186
23	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143	143
24	**Total Imports**	**1435**	**1435**	**1166**	**1106**	**1401**	**1796**	**1534**	**1562**	**1216**	**1063**	**1063**	**1107**	**1392**	**1484**	**1435**

Table A-3: Regional: Imports

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Canada															
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	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	1.00
3	BCHP to BPA-P Trty LCARtn	120	120	0	0	0	232	0	0	0	0	0	0	0	0	120
4	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	2.83
5	**Total Imports From CAN**	**266**	**266**	**146**	**147**	**102**	**356**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**	**266**
	East Continental Divide															
6	PPL to PPL TS PwrP	220	220	220	222	259	309	295	306	263	219	219	220	234	229	220
7	Unk_ECD_Mrktr to Other Entities	188	188	167	163	169	181	189	176	169	156	156	158	179	198	188
8	**Total Imports From ECD**	**408**	**408**	**386**	**385**	**428**	**489**	**484**	**482**	**433**	**375**	**375**	**377**	**413**	**427**	**408**
	Inland Southwest															
9	RMP to RMP TS PwrP	771	771	640	580	575	657	600	599	576	547	547	589	843	922	771
10	**Total Imports From ISW**	**771**	**771**	**640**	**580**	**575**	**657**	**600**	**599**	**576**	**547**	**547**	**589**	**843**	**922**	**771**
	Pacific Southwest															
11	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0	0
18	NCPA to SCL SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total Imports															
20	Federal Entities	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	121
21	Investor Owned Utilities	994	994	863	805	1138	1270	1199	1209	843	769	769	812	1079	1154	994
22	Marketer	188	188	167	163	169	181	189	176	169	156	156	158	179	198	188
23	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143	143
24	**Total Imports**	**1446**	**1446**	**1173**	**1112**	**1405**	**1802**	**1539**	**1569**	**1222**	**1069**	**1069**	**1113**	**1402**	**1495**	**1446**

Table A-3: Regional: Imports

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Canada															
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	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	1.00
3	BCHP to BPA-P Trty LCARtn	120	120	0	0	0	232	0	0	0	0	0	0	0	0	120
4	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	2.83
5	**Total Imports From CAN**	**266**	**266**	**146**	**147**	**102**	**356**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**	**266**
	East Continental Divide															
6	PPL to PPL TS PwrP	221	221	220	222	260	309	295	307	264	219	219	220	234	230	221
7	Unk_ECD_Mrktr to Other Entities	189	189	168	165	170	182	191	177	171	157	157	159	181	200	189
8	**Total Imports From ECD**	**410**	**410**	**388**	**387**	**430**	**492**	**486**	**484**	**435**	**377**	**377**	**379**	**415**	**429**	**410**
	Inland Southwest															
9	RMP to RMP TS PwrP	779	779	644	584	578	661	604	603	580	550	550	593	852	932	779
10	**Total Imports From ISW**	**779**	**779**	**644**	**584**	**578**	**661**	**604**	**603**	**580**	**550**	**550**	**593**	**852**	**932**	**779**
	Pacific Southwest															
11	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0	0
18	NCPA to SCL SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total Imports															
20	Federal Entities	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	121
21	Investor Owned Utilities	1003	1003	867	810	1142	1275	1204	1214	848	773	773	817	1089	1164	1003
22	Marketer	189	189	168	165	170	182	191	177	171	157	157	159	181	200	189
23	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143	143
24	**Total Imports**	**1455**	**1455**	**1178**	**1118**	**1410**	**1808**	**1545**	**1575**	**1228**	**1074**	**1074**	**1119**	**1413**	**1507**	**1455**

Table A-3: Regional: Imports

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Canada															
1	BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	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	1.00
3	BCHP to BPA-P Trty LCARtn	120	120	0	0	0	232	0	0	0	0	0	0	0	0	120
4	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	2.83
5	**Total Imports From CAN**	**266**	**266**	**146**	**147**	**102**	**356**	**155**	**188**	**213**	**147**	**147**	**147**	**146**	**146**	**266**
	East Continental Divide															
6	PPL to PPL TS PwrP	221	221	221	223	260	310	296	308	265	220	220	221	235	230	221
7	Unk_ECD_Mrktr to Other Entities	191	191	169	166	172	184	193	179	172	159	159	160	182	201	191
8	**Total Imports From ECD**	**412**	**412**	**390**	**389**	**432**	**494**	**488**	**486**	**437**	**379**	**379**	**381**	**417**	**431**	**412**
	Inland Southwest															
9	RMP to RMP TS PwrP	788	788	648	588	581	665	607	606	583	554	554	597	861	942	788
10	**Total Imports From ISW**	**788**	**788**	**648**	**588**	**581**	**665**	**607**	**606**	**583**	**554**	**554**	**597**	**861**	**942**	**788**
	Pacific Southwest															
11	PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0	0
18	NCPA to SCL SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	**Total Imports From PSW**	**0**	**0**	**0**	**0**	**300**	**300**	**300**	**300**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total Imports															
20	Federal Entities	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	121
21	Investor Owned Utilities	1012	1012	872	815	1146	1280	1208	1218	852	778	778	821	1099	1175	1012
22	Marketer	191	191	169	166	172	184	193	179	172	159	159	160	182	201	191
23	Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143	143
24	**Total Imports**	**1467**	**1467**	**1184**	**1124**	**1416**	**1814**	**1550**	**1580**	**1233**	**1080**	**1080**	**1125**	**1424**	**1520**	**1467**

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

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Intra-Regional Transfers															
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	0	0
2	AVWP to PGE CapX Del	150	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	135	133	133	133	67.9	67.2	67.2	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	BPA-P to Other Entities	225	225	225	0	0	0	0	0	0	0	0	0	0	0	225
6	BPA-P to PPL SNX SprgDel	0	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	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	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	135	133	133	133	67.9	67.2	67.2	0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.6	14.6	0.30	0	0	0	0	0	0	0	0	12.0	18.4	20.0	14.6
11	CLAT to IPC NX Ret	7.00	7.00	4.00	0	0	4.00	5.00	6.00	0	0	0	10.00	11.0	10.00	7.00
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	EWEB to PGE CapX Del	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0	0	10.00
14	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	14.0
15	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	15.5
16	IPC to CLAT NX Del	0	0	0	19.0	17.0	0	0	0	13.0	11.0	11.0	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	11.2
18	Other Entities to BPA-P	58.0	58.0	58.0	0	250	250	250	250	250	250	250	0	0	0	308
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	25.0
20	Other Entities to DOPD	16.0	16.0	16.0	24.0	42.0	42.0	42.0	42.0	24.0	16.0	16.0	16.0	16.0	16.0	16.0
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	4.28
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	100.0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to EWEB CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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	1.50
26	PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PPL to BPA-P SNX SumrRtn	0	0	91.6	91.6	91.6	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	0
29	PSE to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	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	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	201	201	201	201	201	201	201	201	201	201	201	101	201	201	201
33	**Total Intra-Regional Transfers**	**1014**	**1014**	**1349**	**1089**	**1629**	**1520**	**1521**	**1522**	**1373**	**1366**	**1366**	**630**	**990**	**729**	**1264**
	Intra-Regional Contracts Out															
34	Federal Entities	234	234	234	9.00	287	283	282	283	145	143	143	9.00	9.00	9.00	234
35	Investor Owned Utilities	467	467	819	838	832	724	724	724	737	738	738	365	728	467	467
36	Marketer	203	203	203	153	421	421	421	421	403	395	395	145	145	145	453
37	Municipality	73.8	73.8	59.5	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	71.2	67.6	69.2	73.8
38	Public Utility District	36.5	36.5	33.5	29.5	29.5	33.5	34.5	35.5	29.5	29.5	29.5	39.5	40.5	39.5	36.5
39	**Total Regional Contracts Out**	**1014**	**1014**	**1349**	**1089**	**1629**	**1520**	**1521**	**1522**	**1373**	**1366**	**1366**	**630**	**990**	**729**	**1264**
	Intra-Regional Contracts In															
40	Federal Entities	78.2	78.2	432	374	620	528	528	528	528	532	532	20.2	282	20.2	328
41	Investor Owned Utilities	602	602	585	581	858	858	859	860	716	715	715	502	600	600	602
42	Marketer	241	241	241	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	241
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	4.28
44	Public Utility District	89.0	89.0	89.0	116	132	115	115	115	110	100.0	100.0	89.0	89.0	89.0	89.0
45	**Total Regional Contracts In**	**1014**	**1014**	**1349**	**1089**	**1629**	**1520**	**1521**	**1522**	**1373**	**1366**	**1366**	**630**	**990**	**729**	**1264**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Intra-Regional Transfers															
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	0	0
2	AVWP to PGE CapX Del	150	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	136	135	134	133	68.0	67.2	67.2	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	BPA-P to Other Entities	0	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	0
7	BPA-P to PPL SNX SumrDel	0	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	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	136	135	134	133	68.0	67.2	67.2	0	0	0	0
10	CIDF to RMP PwrS LTFirm	14.8	14.8	0	0	0	0	0	0	0	0	0	11.8	18.6	19.9	14.8
11	CLAT to IPC NX Ret	7.00	7.00	4.00	0	0	4.00	5.00	6.00	0	0	0	10.00	11.0	10.00	7.00
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	EWEB to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	14.0
15	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	15.5
16	IPC to CLAT NX Del	0	0	0	19.0	17.0	0	0	0	13.0	11.0	11.0	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	11.2
18	Other Entities to BPA-P	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	51.0
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	25.0
20	Other Entities to DOPD	18.0	18.0	18.0	27.0	47.0	47.0	47.0	47.0	27.0	18.0	18.0	18.0	18.0	18.0	18.0
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	4.28
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	100.0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to EWEB CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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	1.50
26	PPL to BPA-P SNX SprgRtn	0	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	0
28	PSE to AVWP PwrS LTFirm	0	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	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	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	201	201	201	201	201	201	201	201	201	201	201	201	101	201	201
33	**Total Intra-Regional Transfers**	**723**	**723**	**967**	**1041**	**1334**	**1318**	**1318**	**1318**	**1168**	**1159**	**1159**	**773**	**943**	**782**	**774**
	Intra-Regional Contracts Out															
34	Federal Entities	9.00	9.00	9.00	9.00	288	285	283	283	145	143	143	9.00	9.00	9.00	9.00
35	Investor Owned Utilities	467	467	728	746	741	724	724	724	737	738	738	466	628	467	467
36	Marketer	147	147	147	207	227	227	227	227	207	198	198	198	198	198	198
37	Municipality	64.0	64.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	61.0	67.8	69.1	64.0
38	Public Utility District	36.5	36.5	33.5	29.5	29.5	33.5	34.5	35.5	29.5	29.5	29.5	39.5	40.5	39.5	36.5
39	**Total Regional Contracts Out**	**723**	**723**	**967**	**1041**	**1334**	**1318**	**1318**	**1318**	**1168**	**1159**	**1159**	**773**	**943**	**782**	**774**
	Intra-Regional Contracts In															
40	Federal Entities	20.2	20.2	282	333	329	329	329	329	329	333	333	71.2	333	71.2	71.2
41	Investor Owned Utilities	592	592	575	571	850	851	850	850	707	705	705	592	500	600	592
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	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	4.28
44	Public Utility District	91.0	91.0	91.0	119	137	120	120	120	113	102	102	91.0	91.0	91.0	91.0
45	**Total Regional Contracts In**	**723**	**723**	**967**	**1041**	**1334**	**1318**	**1318**	**1318**	**1168**	**1159**	**1159**	**773**	**943**	**782**	**774**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Intra-Regional Transfers															
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	0	0
2	AVWP to PGE CapX Del	150	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	134	133	133	133	67.3	67.1	67.1	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	BPA-P to Other Entities	0	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	0
7	BPA-P to PPL SNX SumrDel	0	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	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	134	133	133	133	67.3	67.1	67.1	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	14.6
11	CLAT to IPC NX Ret	7.00	7.00	4.00	0	0	4.00	0	0	0	0	0	0	0	0	7.00
12	DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	EWEB to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	14.0
15	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	15.5
16	IPC to CLAT NX Del	0	0	0	19.0	17.0	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	11.2
18	Other Entities to BPA-P	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	102
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	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	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	4.28
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	100.0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to EWEB CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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	1.50
26	PPL to BPA-P SNX SprgRtn	0	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	0
28	PSE to AVWP PwrS LTFirm	0	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	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	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	201	201	201	201	201	201	201	201	201	101	101	201	201	201	201
33	**Total Intra-Regional Transfers**	**776**	**776**	**1020**	**1044**	**1335**	**1322**	**1318**	**1318**	**1156**	**1049**	**1049**	**765**	**1034**	**774**	**827**
	Intra-Regional Contracts Out															
34	Federal Entities	9.00	9.00	9.00	9.00	283	282	282	283	144	143	143	9.00	9.00	9.00	9.00
35	Investor Owned Utilities	467	467	728	746	741	724	724	724	724	627	627	466	728	467	467
36	Marketer	200	200	200	210	233	233	233	233	210	200	200	200	200	200	251
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	63.8
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	36.5
39	**Total Regional Contracts Out**	**776**	**776**	**1020**	**1044**	**1335**	**1322**	**1318**	**1318**	**1156**	**1049**	**1049**	**765**	**1034**	**774**	**827**
	Intra-Regional Contracts In															
40	Federal Entities	71.2	71.2	333	333	329	329	329	329	329	333	333	71.2	333	71.2	122
41	Investor Owned Utilities	592	592	575	571	845	848	844	844	705	604	604	582	589	590	592
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	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	4.28
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	93.0
45	**Total Regional Contracts In**	**776**	**776**	**1020**	**1044**	**1335**	**1322**	**1318**	**1318**	**1156**	**1049**	**1049**	**765**	**1034**	**774**	**827**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Intra-Regional Transfers															
1	AVWP to BPA-P Setl WNP3 Rtn	0	0	131	131	131	131	131	131	131	131	131	0	131	0	0
2	AVWP to PGE CapX Del	150	150	150	150	150	150	0	0	0	0	0	0	0	0	150
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	135	134	135	133	67.4	67.1	67.1	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	BPA-P to Other Entities	0	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	0
7	BPA-P to PPL SNX SumrDel	0	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	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	135	134	135	133	67.4	67.1	67.1	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	14.6
11	CLAT to IPC NX Ret	0	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	0
13	EWEB to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	14.0
15	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	15.5
16	IPC to CLAT NX Del	0	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	11.2
18	Other Entities to BPA-P	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	102
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	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	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	4.28
22	Other Entities to PGE	100.0	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	100.0
23	PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PGE to EWEB CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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	1.50
26	PPL to BPA-P SNX SprgRtn	0	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	0
28	PSE to AVWP PwrS LTFirm	0	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	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	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	201	201	201	201	201	201	201	201	201	201	201	201	201	201	201
33	**Total Intra-Regional Transfers**	**756**	**756**	**1003**	**906**	**1188**	**1186**	**1038**	**1034**	**887**	**886**	**886**	**502**	**771**	**511**	**807**
	Intra-Regional Contracts Out															
34	Federal Entities	9.00	9.00	9.00	9.00	286	284	287	282	144	143	143	9.00	9.00	9.00	9.00
35	Investor Owned Utilities	467	467	728	627	624	624	474	474	474	477	477	216	478	217	467
36	Marketer	187	187	187	191	199	199	199	199	191	187	187	187	187	187	238
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	63.8
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	29.5
39	**Total Regional Contracts Out**	**756**	**756**	**1003**	**906**	**1188**	**1186**	**1038**	**1034**	**887**	**886**	**886**	**502**	**771**	**511**	**807**
	Intra-Regional Contracts In															
40	Federal Entities	71.2	71.2	333	333	329	329	329	329	329	333	333	71.2	333	71.2	122
41	Investor Owned Utilities	585	585	571	471	748	746	598	594	455	455	455	332	339	340	585
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	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	4.28
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	80.0
45	**Total Regional Contracts In**	**756**	**756**	**1003**	**906**	**1188**	**1186**	**1038**	**1034**	**887**	**886**	**886**	**502**	**771**	**511**	**807**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Intra-Regional Transfers															
1	AVWP to BPA-P Setl WNP3 Rtn	0	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	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	136	134	133	133	67.5	67.1	67.1	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	BPA-P to Other Entities	0	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	0
7	BPA-P to PPL SNX SumrDel	0	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	0
9	BPA-P to PSE Setl WNP3 Del	0	0	0	0	136	134	133	133	67.5	67.1	67.1	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	14.6
11	CLAT to IPC NX Ret	0	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	0
13	EWEB to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	14.0
15	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	15.5
16	IPC to CLAT NX Del	0	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	11.2
18	Other Entities to BPA-P	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	102
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	25.0
20	Other Entities to DOPD	0	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	4.28
22	Other Entities to PGE	0	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	0
24	PGE to EWEB CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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	1.50
26	PPL to BPA-P SNX SprgRtn	0	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	0
28	PSE to AVWP PwrS LTFirm	0	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	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	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	201	201	201	201	201	201	201	201	201	201	201	201	201	201	201
33	**Total Intra-Regional Transfers**	**499**	**499**	**615**	**614**	**888**	**886**	**884**	**884**	**746**	**748**	**748**	**495**	**633**	**504**	**550**
	Intra-Regional Contracts Out															
34	Federal Entities	9.00	9.00	9.00	9.00	287	284	283	282	144	143	143	9.00	9.00	9.00	9.00
35	Investor Owned Utilities	217	217	347	346	343	343	343	343	343	346	346	216	347	217	217
36	Marketer	180	180	180	180	180	180	180	180	180	180	180	180	180	180	231
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	63.8
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	29.5
39	**Total Regional Contracts Out**	**499**	**499**	**615**	**614**	**888**	**886**	**884**	**884**	**746**	**748**	**748**	**495**	**633**	**504**	**550**
	Intra-Regional Contracts In															
40	Federal Entities	71.2	71.2	202	202	198	198	198	198	198	202	202	71.2	202	71.2	122
41	Investor Owned Utilities	335	335	321	321	599	596	594	594	456	455	455	332	339	340	335
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	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	4.28
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	73.0
45	**Total Regional Contracts In**	**499**	**499**	**615**	**614**	**888**	**886**	**884**	**884**	**746**	**748**	**748**	**495**	**633**	**504**	**550**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Intra-Regional Transfers															
1	AVWP to BPA-P Setl WNP3 Rtn	0	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	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	BPA-P to Other Entities	0	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	0
7	BPA-P to PPL SNX SumrDel	0	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	0
9	BPA-P to PSE Setl WNP3 Del	0	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	14.6
11	CLAT to IPC NX Ret	0	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	0
13	EWEB to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	14.0
15	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	15.5
16	IPC to CLAT NX Del	0	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	11.2
18	Other Entities to BPA-P	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	102
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	25.0
20	Other Entities to DOPD	0	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	4.28
22	Other Entities to PGE	0	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	0
24	PGE to EWEB CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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	1.50
26	PPL to BPA-P SNX SprgRtn	0	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	0
28	PSE to AVWP PwrS LTFirm	0	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	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	48.0
31	SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
32	TAUC to AVWP PwrS LTFirm	201	201	201	201	201	201	0	0	0	0	0	0	0	0	201
33	**Total Intra-Regional Transfers**	**499**	**499**	**615**	**614**	**617**	**617**	**417**	**417**	**410**	**413**	**413**	**294**	**432**	**303**	**550**
	Intra-Regional Contracts Out															
34	Federal Entities	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00
35	Investor Owned Utilities	217	217	347	346	343	343	142	142	142	145	145	14.8	146	15.8	217
36	Marketer	180	180	180	180	180	180	180	180	180	180	180	180	180	180	231
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	63.8
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	29.5
39	**Total Regional Contracts Out**	**499**	**499**	**615**	**614**	**617**	**617**	**417**	**417**	**410**	**413**	**413**	**294**	**432**	**303**	**550**
	Intra-Regional Contracts In															
40	Federal Entities	71.2	71.2	202	202	198	198	198	198	198	202	202	71.2	202	71.2	122
41	Investor Owned Utilities	335	335	321	321	328	328	127	127	120	120	120	131	138	139	335
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	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	4.28
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	73.0
45	**Total Regional Contracts In**	**499**	**499**	**615**	**614**	**617**	**617**	**417**	**417**	**410**	**413**	**413**	**294**	**432**	**303**	**550**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Intra-Regional Transfers															
1	AVWP to BPA-P Setl WNP3 Rtn	0	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	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	BPA-P to Other Entities	0	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	0
7	BPA-P to PPL SNX SumrDel	0	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	0
9	BPA-P to PSE Setl WNP3 Del	0	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	14.6
11	CLAT to IPC NX Ret	0	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	0
13	EWEB to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	14.0
15	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	15.5
16	IPC to CLAT NX Del	0	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	11.2
18	Other Entities to BPA-P	51.0	51.0	51.0	0	0	0	0	0	0	0	0	0	0	0	51.0
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	25.0
20	Other Entities to DOPD	0	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	4.28
22	Other Entities to PGE	0	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	0
24	PGE to EWEB CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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	1.50
26	PPL to BPA-P SNX SprgRtn	0	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	0
28	PSE to AVWP PwrS LTFirm	0	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	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	48.0
31	SPN to PGE PwrS LTFirm	104	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	0
33	**Total Intra-Regional Transfers**	**298**	**298**	**283**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**298**
	Intra-Regional Contracts Out															
34	Federal Entities	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00
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	15.8
36	Marketer	180	180	180	129	129	129	129	129	129	129	129	129	129	129	180
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	63.8
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	29.5
39	**Total Regional Contracts Out**	**298**	**298**	**283**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**298**
	Intra-Regional Contracts In															
40	Federal Entities	71.2	71.2	71.2	20.2	16.5	16.5	16.5	16.5	16.5	20.2	20.2	20.2	20.2	20.2	71.2
41	Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139	134
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	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	4.28
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	73.0
45	**Total Regional Contracts In**	**298**	**298**	**283**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**298**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Intra-Regional Transfers															
1	AVWP to BPA-P Setl WNP3 Rtn	0	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	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	BPA-P to Other Entities	0	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	0
7	BPA-P to PPL SNX SumrDel	0	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	0
9	BPA-P to PSE Setl WNP3 Del	0	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	14.6
11	CLAT to IPC NX Ret	0	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	0
13	EWEB to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	14.0
15	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	15.5
16	IPC to CLAT NX Del	0	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	11.2
18	Other Entities to BPA-P	0	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	25.0
20	Other Entities to DOPD	0	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	4.28
22	Other Entities to PGE	0	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	0
24	PGE to EWEB CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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	1.50
26	PPL to BPA-P SNX SprgRtn	0	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	0
28	PSE to AVWP PwrS LTFirm	0	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	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	48.0
31	SPN to PGE PwrS LTFirm	104	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	0
33	**Total Intra-Regional Transfers**	**247**	**247**	**232**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**247**
	Intra-Regional Contracts Out															
34	Federal Entities	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00
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	15.8
36	Marketer	129	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	63.8
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	29.5
39	**Total Regional Contracts Out**	**247**	**247**	**232**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**247**
	Intra-Regional Contracts In															
40	Federal Entities	20.2	20.2	20.2	20.2	16.5	16.5	16.5	16.5	16.5	20.2	20.2	20.2	20.2	20.2	20.2
41	Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139	134
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	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	4.28
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	73.0
45	**Total Regional Contracts In**	**247**	**247**	**232**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**247**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Intra-Regional Transfers															
1	AVWP to BPA-P Setl WNP3 Rtn	0	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	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	BPA-P to Other Entities	0	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	0
7	BPA-P to PPL SNX SumrDel	0	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	0
9	BPA-P to PSE Setl WNP3 Del	0	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	14.6
11	CLAT to IPC NX Ret	0	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	0
13	EWEB to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	14.0
15	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	15.5
16	IPC to CLAT NX Del	0	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	11.2
18	Other Entities to BPA-P	0	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	25.0
20	Other Entities to DOPD	0	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	4.28
22	Other Entities to PGE	0	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	0
24	PGE to EWEB CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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	1.50
26	PPL to BPA-P SNX SprgRtn	0	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	0
28	PSE to AVWP PwrS LTFirm	0	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	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	48.0
31	SPN to PGE PwrS LTFirm	104	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	0
33	**Total Intra-Regional Transfers**	**247**	**247**	**232**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**247**
	Intra-Regional Contracts Out															
34	Federal Entities	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00
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	15.8
36	Marketer	129	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	63.8
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	29.5
39	**Total Regional Contracts Out**	**247**	**247**	**232**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**247**
	Intra-Regional Contracts In															
40	Federal Entities	20.2	20.2	20.2	20.2	16.5	16.5	16.5	16.5	16.5	20.2	20.2	20.2	20.2	20.2	20.2
41	Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139	134
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	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	4.28
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	73.0
45	**Total Regional Contracts In**	**247**	**247**	**232**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**247**

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
	Intra-Regional Transfers															
1	AVWP to BPA-P Setl WNP3 Rtn	0	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	0
3	BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA-P to BPA-T Ops IntrlAgmt	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	BPA-P to Other Entities	0	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	0
7	BPA-P to PPL SNX SumrDel	0	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	0
9	BPA-P to PSE Setl WNP3 Del	0	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	14.6
11	CLAT to IPC NX Ret	0	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	0
13	EWEB to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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	14.0
15	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	15.5
16	IPC to CLAT NX Del	0	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	11.2
18	Other Entities to BPA-P	0	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	25.0
20	Other Entities to DOPD	0	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	4.28
22	Other Entities to PGE	0	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	0
24	PGE to EWEB CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	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	1.50
26	PPL to BPA-P SNX SprgRtn	0	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	0
28	PSE to AVWP PwrS LTFirm	0	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	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	48.0
31	SPN to PGE PwrS LTFirm	104	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	0
33	**Total Intra-Regional Transfers**	**247**	**247**	**232**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**247**
	Intra-Regional Contracts Out															
34	Federal Entities	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00
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	15.8
36	Marketer	129	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	63.8
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	29.5
39	**Total Regional Contracts Out**	**247**	**247**	**232**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**247**
	Intra-Regional Contracts In															
40	Federal Entities	20.2	20.2	20.2	20.2	16.5	16.5	16.5	16.5	16.5	20.2	20.2	20.2	20.2	20.2	20.2
41	Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139	134
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	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	4.28
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	73.0
45	**Total Regional Contracts In**	**247**	**247**	**232**	**231**	**234**	**234**	**235**	**235**	**228**	**231**	**231**	**243**	**250**	**252**	**247**

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Exhibit 5
Table A-9: Regional Small Hydro

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-9: Regional: Small Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 (Clark, ID)	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	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	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
31	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
32	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
33	Chester Hydroelectic Plant	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
34	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
35	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
36	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Cove	1.98	1.98	2.06	1.33	0.78	0.42	0.34	0.35	0.60	0.80	0.80	1.68	1.88	1.71
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	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Dairy Creek	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	Don Steffen	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
48	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
49	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
50	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
51	Eagle Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	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
53	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
54	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
55	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
56	Estacada	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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
62	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
63	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

Table A-9: Regional: Small Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	Hettinger	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
76	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
77	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
78	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
79	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
80	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
81	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
82	Joseph Hydro	1.45	1.45	0.86	0.45	0.12	0.07	0.06	0.03	0.03	0.06	0.06	0.18	1.20	2.69
83	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
84	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
85	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
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
101	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
102	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
103	LQ-LS Drains	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	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
125	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
126	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
127	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
128	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

Table A-9: Regional: Small Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
129	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
130	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	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
132	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	Ravenscroft Ranch	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stayton Hydro	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	0.60
161	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
162	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
163	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
164	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
165	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
166	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	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
168	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
169	Tieton Dam (Yakima)	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
170	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
171	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
172	Twin Reservoirs	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
173	Upper Little Sheep Creek	0.40	0.40	0.30	0.30	0.40	0.50	0.50	0.50	0.90	1.60	1.60	0.80	1.50	1.10
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	Youngs Creek	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
188	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															
189	Cooperative	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
190	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
191	Investor Owned Utilities	223	223	201	171	162	150	143	153	172	210	212	250	250	238

Table A-9: Regional: Small Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
192	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
193	Municipality	136	135	87.2	36.0	1.07	1.77	1.07	2.57	11.1	81.7	81.7	166	186	192
194	Public Utility District	26.6	26.6	24.2	21.1	13.1	13.1	13.1	13.1	20.9	26.2	26.2	28.6	28.3	27.9
195	**Total Small Hydro**	**401**	**399**	**327**	**244**	**185**	**174**	**166**	**177**	**213**	**327**	**336**	**462**	**481**	**473**

Table A-9: Regional: Small Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 (Clark, ID)	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	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	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
31	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
32	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
33	Chester Hydroelectic Plant	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
34	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
35	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
36	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Cove	1.98	1.98	2.06	1.33	0.78	0.42	0.34	0.35	0.60	0.80	0.80	1.68	1.88	1.71
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	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Dairy Creek	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	Don Steffen	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
48	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
49	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
50	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
51	Eagle Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	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
53	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
54	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
55	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
56	Estacada	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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
62	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
63	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

Table A-9: Regional: Small Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	Hettinger	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
76	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
77	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
78	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
79	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
80	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
81	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
82	Joseph Hydro	1.45	1.45	0.86	0.45	0.12	0.07	0.06	0.03	0.03	0.06	0.06	0.18	1.20	2.69
83	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
84	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
85	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
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
101	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
102	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
103	LQ-LS Drains	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	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
125	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
126	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
127	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
128	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

Table A-9: Regional: Small Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
129	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
130	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	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
132	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	Ravenscroft Ranch	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stayton Hydro	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	0.60
161	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
162	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
163	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
164	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
165	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
166	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	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
168	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
169	Tieton Dam (Yakima)	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
170	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
171	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
172	Twin Reservoirs	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
173	Upper Little Sheep Creek	0.40	0.40	0.30	0.30	0.40	0.50	0.50	0.50	0.90	1.60	1.60	0.80	1.50	1.10
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	Youngs Creek	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
188	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															
189	Cooperative	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
190	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
191	Investor Owned Utilities	223	223	201	171	162	150	143	153	172	210	212	250	250	238

Table A-9: Regional: Small Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
192	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
193	Municipality	136	135	87.2	36.0	1.07	1.77	1.07	2.57	11.1	81.7	81.7	166	186	192
194	Public Utility District	26.6	26.6	24.2	21.1	13.1	13.1	13.1	13.1	20.9	26.2	26.2	28.6	28.3	27.9
195	**Total Small Hydro**	**401**	**399**	**327**	**244**	**185**	**174**	**166**	**177**	**213**	**327**	**336**	**462**	**481**	**473**

Table A-9: Regional: Small Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 (Clark, ID)	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	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	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
31	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
32	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
33	Chester Hydroelectic Plant	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
34	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
35	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
36	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Cove	1.98	1.98	2.06	1.33	0.78	0.42	0.34	0.35	0.60	0.80	0.80	1.68	1.88	1.71
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	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Dairy Creek	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	Don Steffen	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
48	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
49	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
50	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
51	Eagle Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	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
53	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
54	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
55	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
56	Estacada	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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
62	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
63	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

Table A-9: Regional: Small Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	Hettinger	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
76	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
77	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
78	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
79	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
80	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
81	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
82	Joseph Hydro	1.45	1.45	0.86	0.45	0.12	0.07	0.06	0.03	0.03	0.06	0.06	0.18	1.20	2.69
83	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
84	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
85	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
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
101	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
102	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
103	LQ-LS Drains	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	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
125	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
126	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
127	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
128	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

Table A-9: Regional: Small Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
129	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
130	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	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
132	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	Ravenscroft Ranch	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stayton Hydro	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	0.60
161	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
162	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
163	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
164	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
165	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
166	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	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
168	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
169	Tieton Dam (Yakima)	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
170	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
171	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
172	Twin Reservoirs	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
173	Upper Little Sheep Creek	0.40	0.40	0.30	0.30	0.40	0.50	0.50	0.50	0.90	1.60	1.60	0.80	1.50	1.10
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	Youngs Creek	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
188	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															
189	Cooperative	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
190	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
191	Investor Owned Utilities	223	223	201	171	162	150	143	153	172	210	212	250	250	238

Table A-9: Regional: Small Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
192	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
193	Municipality	136	135	87.2	36.0	1.07	1.77	1.07	2.57	11.1	81.7	81.7	166	186	192
194	Public Utility District	26.6	26.6	24.2	21.1	13.1	13.1	13.1	13.1	20.9	26.2	26.2	28.6	28.3	27.9
195	**Total Small Hydro**	**401**	**399**	**327**	**244**	**185**	**174**	**166**	**177**	**213**	**327**	**336**	**462**	**481**	**473**

Table A-9: Regional: Small Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 (Clark, ID)	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	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	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
31	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
32	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
33	Chester Hydroelectic Plant	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
34	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
35	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
36	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Cove	1.98	1.98	2.06	1.33	0.78	0.42	0.34	0.35	0.60	0.80	0.80	1.68	1.88	1.71
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	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Dairy Creek	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	Don Steffen	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
48	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
49	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
50	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
51	Eagle Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	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
53	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
54	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
55	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
56	Estacada	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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
62	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
63	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

Table A-9: Regional: Small Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	Hettinger	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
76	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
77	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
78	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
79	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
80	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
81	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
82	Joseph Hydro	1.45	1.45	0.86	0.45	0.12	0.07	0.06	0.03	0.03	0.06	0.06	0.18	1.20	2.69
83	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
84	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
85	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
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
101	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
102	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
103	LQ-LS Drains	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	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
125	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
126	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
127	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
128	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

Table A-9: Regional: Small Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
129	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
130	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	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
132	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	Ravenscroft Ranch	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stayton Hydro	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	0.60
161	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
162	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
163	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
164	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
165	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
166	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	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
168	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
169	Tieton Dam (Yakima)	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
170	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
171	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
172	Twin Reservoirs	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
173	Upper Little Sheep Creek	0.40	0.40	0.30	0.30	0.40	0.50	0.50	0.50	0.90	1.60	1.60	0.80	1.50	1.10
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	Youngs Creek	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
188	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															
189	Cooperative	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
190	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
191	Investor Owned Utilities	223	223	201	171	162	150	143	153	172	210	212	250	250	238

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Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
192	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
193	Municipality	136	135	87.2	36.0	1.07	1.77	1.07	2.57	11.1	81.7	81.7	166	186	192
194	Public Utility District	26.6	26.6	24.2	21.1	13.1	13.1	13.1	13.1	20.9	26.2	26.2	28.6	28.3	27.9
195	**Total Small Hydro**	**401**	**399**	**327**	**244**	**185**	**174**	**166**	**177**	**213**	**327**	**336**	**462**	**481**	**473**

Table A-9: Regional: Small Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 (Clark, ID)	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	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	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
31	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
32	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
33	Chester Hydroelectic Plant	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
34	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
35	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
36	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Cove	1.98	1.98	2.06	1.33	0.78	0.42	0.34	0.35	0.60	0.80	0.80	1.68	1.88	1.71
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	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Dairy Creek	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	Don Steffen	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
48	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
49	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
50	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
51	Eagle Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	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
53	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
54	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
55	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
56	Estacada	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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
62	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
63	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

Table A-9: Regional: Small Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	Hettinger	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
76	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
77	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
78	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
79	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
80	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
81	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
82	Joseph Hydro	1.45	1.45	0.86	0.45	0.12	0.07	0.06	0.03	0.03	0.06	0.06	0.18	1.20	2.69
83	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
84	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
85	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
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
101	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
102	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
103	LQ-LS Drains	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	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
125	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
126	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
127	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
128	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

Table A-9: Regional: Small Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
129	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
130	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	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
132	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	Ravenscroft Ranch	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stayton Hydro	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	0.60
161	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
162	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
163	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
164	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
165	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
166	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	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
168	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
169	Tieton Dam (Yakima)	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
170	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
171	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
172	Twin Reservoirs	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
173	Upper Little Sheep Creek	0.40	0.40	0.30	0.30	0.40	0.50	0.50	0.50	0.90	1.60	1.60	0.80	1.50	1.10
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	Youngs Creek	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
188	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															
189	Cooperative	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
190	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
191	Investor Owned Utilities	223	223	201	171	162	150	143	153	172	210	212	250	250	238

Table A-9: Regional: Small Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
192	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
193	Municipality	136	135	87.2	36.0	1.07	1.77	1.07	2.57	11.1	81.7	81.7	166	186	192
194	Public Utility District	26.6	26.6	24.2	21.1	13.1	13.1	13.1	13.1	20.9	26.2	26.2	28.6	28.3	27.9
195	**Total Small Hydro**	**401**	**399**	**327**	**244**	**185**	**174**	**166**	**177**	**213**	**327**	**336**	**462**	**481**	**473**

Table A-9: Regional: Small Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 (Clark, ID)	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	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	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
31	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
32	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
33	Chester Hydroelectic Plant	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
34	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
35	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
36	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Cove	1.98	1.98	2.06	1.33	0.78	0.42	0.34	0.35	0.60	0.80	0.80	1.68	1.88	1.71
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	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Dairy Creek	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	Don Steffen	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
48	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
49	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
50	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
51	Eagle Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	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
53	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
54	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
55	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
56	Estacada	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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
62	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
63	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

Table A-9: Regional: Small Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	Hettinger	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
76	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
77	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
78	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
79	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
80	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
81	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
82	Joseph Hydro	1.45	1.45	0.86	0.45	0.12	0.07	0.06	0.03	0.03	0.06	0.06	0.18	1.20	2.69
83	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
84	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
85	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
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
101	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
102	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
103	LQ-LS Drains	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	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
125	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
126	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
127	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
128	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

Table A-9: Regional: Small Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
129	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
130	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	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
132	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	Ravenscroft Ranch	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stayton Hydro	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	0.60
161	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
162	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
163	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
164	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
165	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
166	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	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
168	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
169	Tieton Dam (Yakima)	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
170	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
171	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
172	Twin Reservoirs	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
173	Upper Little Sheep Creek	0.40	0.40	0.30	0.30	0.40	0.50	0.50	0.50	0.90	1.60	1.60	0.80	1.50	1.10
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	Youngs Creek	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
188	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															
189	Cooperative	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
190	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
191	Investor Owned Utilities	223	223	201	171	162	150	143	153	175	210	216	253	250	236

Table A-9: Regional: Small Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
192	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
193	Municipality	136	135	87.2	36.0	1.07	1.77	1.07	2.57	11.1	81.7	81.7	166	186	192
194	Public Utility District	26.6	26.6	24.2	21.1	13.1	13.1	13.1	13.1	20.9	26.2	26.2	28.6	28.3	27.9
195	**Total Small Hydro**	**401**	**399**	**327**	**244**	**185**	**174**	**166**	**178**	**216**	**327**	**341**	**464**	**481**	**472**

Table A-9: Regional: Small Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 (Clark, ID)	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	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	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
31	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
32	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
33	Chester Hydroelectic Plant	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
34	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
35	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
36	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Cove	1.98	1.98	2.06	1.33	0.78	0.42	0.34	0.35	0.60	0.80	0.80	1.68	1.88	1.71
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	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Dairy Creek	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	Don Steffen	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
48	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
49	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
50	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
51	Eagle Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	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
53	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
54	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
55	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
56	Estacada	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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
62	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
63	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

Table A-9: Regional: Small Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	Hettinger	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
76	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
77	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
78	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
79	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
80	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
81	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
82	Joseph Hydro	1.45	1.45	0.86	0.45	0.12	0.07	0.06	0.03	0.03	0.06	0.06	0.18	1.20	2.69
83	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
84	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
85	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
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
101	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
102	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
103	LQ-LS Drains	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	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
125	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
126	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
127	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
128	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

Table A-9: Regional: Small Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
129	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
130	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	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
132	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	Ravenscroft Ranch	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stayton Hydro	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	0.60
161	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
162	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
163	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
164	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
165	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
166	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	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
168	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
169	Tieton Dam (Yakima)	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
170	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
171	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
172	Twin Reservoirs	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
173	Upper Little Sheep Creek	0.40	0.40	0.30	0.30	0.40	0.50	0.50	0.50	0.90	1.60	1.60	0.80	1.50	1.10
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	Youngs Creek	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
188	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															
189	Cooperative	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
190	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
191	Investor Owned Utilities	223	221	197	169	161	150	143	153	172	210	212	250	250	238

Table A-9: Regional: Small Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
192	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
193	Municipality	136	135	87.2	36.0	1.07	1.77	1.07	2.57	11.1	81.7	81.7	166	186	192
194	Public Utility District	26.6	26.6	24.2	21.1	13.1	13.1	13.1	13.1	20.9	26.2	26.2	28.6	28.3	27.9
195	**Total Small Hydro**	**401**	**398**	**323**	**242**	**184**	**174**	**166**	**177**	**213**	**327**	**336**	**462**	**481**	**473**

Table A-9: Regional: Small Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 (Clark, ID)	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	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	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
31	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
32	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
33	Chester Hydroelectic Plant	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
34	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
35	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
36	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Cove	1.98	1.98	2.06	1.33	0.78	0.42	0.34	0.35	0.60	0.80	0.80	1.68	1.88	1.71
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	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Dairy Creek	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	Don Steffen	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
48	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
49	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
50	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
51	Eagle Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	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
53	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
54	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
55	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
56	Estacada	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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
62	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
63	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

Table A-9: Regional: Small Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	Hettinger	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
76	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
77	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
78	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
79	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
80	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
81	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
82	Joseph Hydro	1.45	1.45	0.86	0.45	0.12	0.07	0.06	0.03	0.03	0.06	0.06	0.18	1.20	2.69
83	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
84	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
85	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
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
101	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
102	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
103	LQ-LS Drains	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	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
125	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
126	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
127	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
128	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

Table A-9: Regional: Small Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
129	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
130	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	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
132	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	Ravenscroft Ranch	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stayton Hydro	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	0.60
161	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
162	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
163	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
164	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
165	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
166	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	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
168	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
169	Tieton Dam (Yakima)	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
170	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
171	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
172	Twin Reservoirs	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
173	Upper Little Sheep Creek	0.40	0.40	0.30	0.30	0.40	0.50	0.50	0.50	0.90	1.60	1.60	0.80	1.50	1.10
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	Youngs Creek	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
188	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															
189	Cooperative	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
190	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
191	Investor Owned Utilities	223	223	201	171	162	150	143	153	172	210	212	250	250	238

Table A-9: Regional: Small Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
192	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
193	Municipality	136	135	87.2	36.0	1.07	1.77	1.07	2.57	11.1	81.7	81.7	166	186	192
194	Public Utility District	26.6	26.6	24.2	21.1	13.1	13.1	13.1	13.1	20.9	26.2	26.2	28.6	28.3	27.9
195	**Total Small Hydro**	**401**	**399**	**327**	**244**	**185**	**174**	**166**	**177**	**213**	**327**	**336**	**461**	**481**	**473**

Table A-9: Regional: Small Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 (Clark, ID)	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	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	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
31	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
32	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
33	Chester Hydroelectic Plant	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
34	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
35	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
36	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Cove	1.98	1.98	2.06	1.33	0.78	0.42	0.34	0.35	0.60	0.80	0.80	1.68	1.88	1.71
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	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Dairy Creek	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	Don Steffen	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
48	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
49	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
50	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
51	Eagle Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	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
53	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
54	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
55	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
56	Estacada	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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
62	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
63	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

Table A-9: Regional: Small Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	Hettinger	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
76	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
77	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
78	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
79	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
80	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
81	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
82	Joseph Hydro	1.45	1.45	0.86	0.45	0.12	0.07	0.06	0.03	0.03	0.06	0.06	0.18	1.20	2.69
83	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
84	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
85	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
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
101	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
102	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
103	LQ-LS Drains	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	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
125	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
126	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
127	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
128	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

Table A-9: Regional: Small Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
129	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
130	Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	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
132	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	Ravenscroft Ranch	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stayton Hydro	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	0.60
161	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
162	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
163	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
164	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
165	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
166	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	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
168	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
169	Tieton Dam (Yakima)	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
170	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
171	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
172	Twin Reservoirs	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
173	Upper Little Sheep Creek	0.40	0.40	0.30	0.30	0.40	0.50	0.50	0.50	0.90	1.60	1.60	0.80	1.50	1.10
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	Youngs Creek	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
188	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															
189	Cooperative	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
190	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
191	Investor Owned Utilities	223	223	201	171	162	150	143	153	172	210	212	250	250	238

Table A-9: Regional: Small Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
192	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
193	Municipality	136	135	87.2	36.0	1.07	1.77	1.07	2.57	11.1	81.7	81.7	166	186	192
194	Public Utility District	26.6	26.6	24.2	21.1	13.1	13.1	13.1	13.1	20.9	26.2	26.2	28.6	28.3	27.9
195	**Total Small Hydro**	**401**	**400**	**327**	**244**	**185**	**174**	**166**	**177**	**213**	**327**	**336**	**461**	**481**	**473**

Table A-9: Regional: Small Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 (Clark, ID)	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	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	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
31	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
32	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
33	Chester Hydroelectic Plant	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
34	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
35	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
36	Cornelius	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Cove	1.98	1.98	2.06	1.33	0.78	0.42	0.34	0.35	0.60	0.80	0.80	1.68	1.88	1.71
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	D. Wiggins	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Dairy Creek	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	Don Steffen	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
48	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
49	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
50	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
51	Eagle Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	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
53	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
54	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
55	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
56	Estacada	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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
62	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
63	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

Table A-9: Regional: Small Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	Hettinger	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
76	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
77	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
78	James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
79	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
80	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
81	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
82	Joseph Hydro	1.45	1.45	0.86	0.45	0.12	0.07	0.06	0.03	0.03	0.06	0.06	0.18	1.20	2.69
83	Juniper Ridge Hydro	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
84	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
85	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
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
101	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
102	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
103	LQ-LS Drains	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	North Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	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
125	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
126	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
127	Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
128	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

Table A-9: Regional: Small Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
129	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
130	Pancheri	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0.01
131	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
132	Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	Ravenscroft Ranch	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Stayton Hydro	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	0.60
161	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
162	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
163	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
164	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
165	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
166	Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	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
168	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
169	Tieton Dam (Yakima)	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
170	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
171	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
172	Twin Reservoirs	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
173	Upper Little Sheep Creek	0.40	0.40	0.30	0.30	0.40	0.50	0.50	0.50	0.90	1.60	1.60	0.80	1.50	1.10
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	Youngs Creek	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
188	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															
189	Cooperative	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
190	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
191	Investor Owned Utilities	223	223	201	171	162	150	143	153	172	210	212	250	250	238

Table A-9: Regional: Small Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
192	Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
193	Municipality	136	135	87.2	36.0	1.07	1.77	1.07	2.57	11.1	81.7	81.7	166	186	192
194	Public Utility District	26.6	26.6	24.2	21.1	13.1	13.1	13.1	13.1	20.9	26.2	26.2	28.6	28.3	27.9
195	**Total Small Hydro**	**401**	**400**	**327**	**244**	**185**	**174**	**166**	**177**	**213**	**327**	**336**	**461**	**481**	**473**

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Exhibit 6
Table A-10: Regional Combustion Turbines

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
8	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
9	Encogen	163	163	166	171	175	178	179	177	175	172	172	169	166	163
10	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
11	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
12	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
13	Finley Combustion Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Frederickson CT	265	265	268	273	277	279	279	277	276	274	274	271	268	266
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	260	260	267	273	279	282	282	280	277	273	273	269	265	260
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	4.00	4.00	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	9.50	9.16	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	0	0	0	0	100.0
24	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	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
26	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
27	Northeast 1 & 2	44.0	44.0	46.0	24.0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
28	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
29	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
30	Port Westward	399	399	400	409	418	423	423	421	417	410	410	406	401	398
31	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	72.2	141	139
32	River Road	205	205	215	230	235	235	235	235	230	225	225	0	220	205
33	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	0	650	650
34	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	15.0	15.0	15.0
35	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
36	Investor Owned Utilities	3950	3950	4001	4067	4188	4252	4260	4216	4170	4130	4130	3978	3507	3947
37	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1134	1134	484	1134	1234
38	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
39	Public Utility District	399	399	410	428	435	436	436	435	429	423	423	142	415	399
40	**Total**	**5602**	**5602**	**5665**	**5748**	**5876**	**5940**	**5949**	**5904**	**5853**	**5707**	**5707**	**4623**	**5075**	**5599**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
8	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
9	Encogen	163	163	166	171	175	178	179	177	175	172	172	169	166	163
10	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
11	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
12	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
13	Finley Combustion Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Frederickson CT	265	265	268	273	277	279	279	277	276	274	274	271	268	266
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	260	260	267	273	279	282	282	280	277	273	273	269	265	260
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	4.00	4.00	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	9.50	0	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	0	0	0	0	100.0
24	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	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
26	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
27	Northeast 1 & 2	44.0	44.0	18.4	60.0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
28	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
29	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
30	Port Westward	399	399	400	409	418	423	423	421	417	410	410	406	401	398
31	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	72.2	141	139
32	River Road	205	205	215	230	235	235	235	235	230	225	225	0	220	205
33	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	0	650	650
34	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	15.0	15.0	15.0
35	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
36	Investor Owned Utilities	3950	3950	3974	4103	4188	4254	4260	4216	4170	4130	4130	3978	3497	3947
37	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1134	1134	484	1134	1234
38	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
39	Public Utility District	399	399	410	428	435	436	436	435	429	423	423	142	415	399
40	**Total**	**5602**	**5602**	**5637**	**5784**	**5876**	**5942**	**5949**	**5904**	**5853**	**5707**	**5707**	**4623**	**5066**	**5599**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
8	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
9	Encogen	163	163	166	171	175	178	179	177	175	172	172	169	166	163
10	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
11	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
12	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
13	Finley Combustion Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Frederickson CT	265	265	268	273	277	279	279	277	276	274	274	271	268	266
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	260	260	267	273	279	282	282	280	277	273	273	269	265	260
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	4.00	4.00	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	9.50	9.16	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	0	0	0	0	100.0
24	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	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
26	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
27	Northeast 1 & 2	44.0	44.0	46.0	24.0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	0	46.0	42.0
28	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
29	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
30	Port Westward	399	399	400	409	418	423	423	421	417	410	410	406	401	398
31	Rathdrum	139	139	143	156	168	174	176	172	168	81.0	81.0	72.2	141	139
32	River Road	205	205	215	230	235	235	235	235	230	225	225	0	220	205
33	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	0	650	650
34	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	15.0	15.0	15.0
35	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
36	Investor Owned Utilities	3950	3950	4001	4067	4188	4254	4260	4216	4170	4045	4045	3928	3503	3947
37	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1134	1134	484	1134	1234
38	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
39	Public Utility District	399	399	410	428	435	436	436	435	429	423	423	142	415	399
40	**Total**	**5602**	**5602**	**5665**	**5748**	**5876**	**5942**	**5949**	**5904**	**5853**	**5622**	**5622**	**4573**	**5071**	**5599**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
8	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
9	Encogen	163	163	166	171	175	178	179	177	175	172	172	169	166	163
10	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
11	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
12	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
13	Finley Combustion Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Frederickson CT	265	265	268	273	277	279	279	277	276	274	274	271	268	266
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	260	260	267	273	279	282	282	280	277	273	273	269	265	260
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	4.00	4.00	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	9.50	9.16	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	0	0	0	0	100.0
24	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	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
26	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
27	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
28	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
29	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
30	Port Westward	399	399	400	409	418	423	423	421	417	410	410	406	401	398
31	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	72.2	141	139
32	River Road	205	205	215	230	235	235	235	235	230	225	225	0	220	205
33	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	0	650	650
34	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	15.0	15.0	15.0
35	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
36	Investor Owned Utilities	3950	3950	3997	4041	4187	4250	4260	4216	4170	4130	4130	3978	3507	3947
37	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1134	1134	484	1134	1234
38	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
39	Public Utility District	399	399	410	428	435	436	436	435	429	423	423	142	415	399
40	**Total**	**5602**	**5602**	**5661**	**5722**	**5874**	**5938**	**5949**	**5904**	**5853**	**5707**	**5707**	**4623**	**5075**	**5599**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
8	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
9	Encogen	163	163	166	171	175	178	179	177	175	172	172	169	166	163
10	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
11	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
12	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
13	Finley Combustion Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Frederickson CT	265	265	268	273	277	279	279	277	276	274	274	271	268	266
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	260	260	267	273	279	282	282	280	277	273	273	269	265	260
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	4.00	4.00	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	9.50	9.16	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	0	0	0	0	100.0
24	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	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
26	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
27	Northeast 1 & 2	44.0	44.0	46.0	24.0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
28	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
29	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
30	Port Westward	399	399	400	409	418	423	423	421	417	410	410	406	401	398
31	Rathdrum	139	139	143	156	168	174	176	172	168	162	162	72.2	141	139
32	River Road	205	205	215	230	235	235	235	235	230	225	225	0	220	205
33	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	0	650	650
34	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	15.0	15.0	15.0
35	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
36	Investor Owned Utilities	3950	3950	3997	4065	4187	4250	4260	4216	4170	4130	4130	3978	3507	3947
37	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1134	1134	484	1134	1234
38	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
39	Public Utility District	399	399	410	428	435	436	436	435	429	423	423	142	415	399
40	**Total**	**5602**	**5602**	**5661**	**5746**	**5874**	**5938**	**5949**	**5904**	**5853**	**5707**	**5707**	**4623**	**5075**	**5599**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
8	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
9	Encogen	163	163	166	171	175	178	179	177	175	172	172	169	166	163
10	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
11	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
12	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
13	Finley Combustion Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Frederickson CT	265	265	268	273	277	279	279	277	276	274	274	271	268	266
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	260	260	267	273	279	282	282	280	277	273	273	269	265	260
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	4.00	4.00	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	9.50	9.16	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	0	0	0	0	100.0
24	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	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
26	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
27	Northeast 1 & 2	44.0	44.0	18.4	60.0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
28	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
29	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	44.0	44.0	44.0
30	Port Westward	399	399	400	409	418	423	423	421	417	410	410	406	401	398
31	Rathdrum	139	139	143	156	168	174	176	172	168	81.0	81.0	144	141	139
32	River Road	205	205	215	230	235	235	235	235	230	225	225	0	220	205
33	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	0	650	650
34	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	15.0	15.0	15.0
35	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
36	Investor Owned Utilities	3950	3950	3974	4106	4191	4254	4260	4216	4170	4049	4049	4051	3507	3947
37	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1134	1134	484	1134	1234
38	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
39	Public Utility District	399	399	410	428	435	436	436	435	429	423	423	186	415	399
40	**Total**	**5602**	**5602**	**5637**	**5786**	**5878**	**5942**	**5949**	**5904**	**5853**	**5626**	**5626**	**4739**	**5075**	**5599**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
8	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
9	Encogen	163	163	166	171	175	178	179	177	175	172	172	169	166	163
10	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
11	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
12	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
13	Finley Combustion Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Frederickson CT	265	265	268	273	277	279	279	277	276	274	274	271	268	266
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	260	260	267	273	279	282	282	280	277	273	273	269	265	260
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	4.00	4.00	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	9.50	9.16	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	0	0	0	0	100.0
24	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	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
26	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
27	Northeast 1 & 2	44.0	44.0	18.4	60.0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
28	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
29	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	44.0	44.0	44.0
30	Port Westward	399	399	400	409	418	423	423	421	417	410	410	406	401	398
31	Rathdrum	139	139	143	156	168	174	176	172	168	81.0	81.0	72.2	141	139
32	River Road	205	205	215	230	235	235	235	235	230	225	225	0	220	205
33	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	0	650	650
34	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	15.0	15.0	15.0
35	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
36	Investor Owned Utilities	3950	3950	3974	4103	4188	4254	4260	4216	4170	4049	4049	3978	3507	3947
37	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1134	1134	484	1134	1234
38	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
39	Public Utility District	399	399	410	428	435	436	436	435	429	423	423	186	415	399
40	**Total**	**5602**	**5602**	**5637**	**5784**	**5876**	**5942**	**5949**	**5904**	**5853**	**5626**	**5626**	**4667**	**5075**	**5599**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
8	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
9	Encogen	163	163	166	171	175	178	179	177	175	172	172	169	166	163
10	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
11	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
12	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
13	Finley Combustion Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Frederickson CT	265	265	268	273	277	279	279	277	276	274	274	271	268	266
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	260	260	267	273	279	282	282	280	277	273	273	269	265	260
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	4.00	4.00	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	9.50	9.16	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	0	0	0	0	100.0
24	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	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
26	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
27	Northeast 1 & 2	44.0	44.0	46.0	60.0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
28	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
29	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	44.0	44.0	44.0
30	Port Westward	399	399	400	409	418	423	423	421	417	410	410	406	401	398
31	Rathdrum	139	139	143	156	168	174	176	172	168	81.0	81.0	72.2	141	139
32	River Road	205	205	215	230	235	235	235	235	230	225	225	0	220	205
33	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	0	650	650
34	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	15.0	15.0	15.0
35	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
36	Investor Owned Utilities	3950	3950	4001	4103	4188	4254	4260	4216	4170	4049	4049	3978	3507	3947
37	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1134	1134	484	1134	1234
38	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
39	Public Utility District	399	399	410	428	435	436	436	435	429	423	423	186	415	399
40	**Total**	**5602**	**5602**	**5665**	**5784**	**5876**	**5942**	**5949**	**5904**	**5853**	**5626**	**5626**	**4667**	**5075**	**5599**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
8	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
9	Encogen	163	163	166	171	175	178	179	177	175	172	172	169	166	163
10	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
11	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
12	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
13	Finley Combustion Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Frederickson CT	265	265	268	273	277	279	279	277	276	274	274	271	268	266
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	260	260	267	273	279	282	282	280	277	273	273	269	265	260
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	4.00	4.00	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	9.50	9.16	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	0	0	0	0	100.0
24	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	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
26	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
27	Northeast 1 & 2	44.0	44.0	0	60.0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
28	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
29	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	44.0	44.0	44.0
30	Port Westward	399	399	400	409	418	423	423	421	417	410	410	406	401	398
31	Rathdrum	139	139	143	156	168	174	176	172	168	81.0	81.0	72.2	141	139
32	River Road	205	205	215	230	235	235	235	235	230	225	225	0	220	205
33	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	0	650	650
34	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	15.0	15.0	15.0
35	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
36	Investor Owned Utilities	3950	3950	3955	4103	4188	4254	4260	4216	4170	4049	4049	3978	3507	3947
37	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1134	1134	484	1134	1234
38	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
39	Public Utility District	399	399	410	428	435	436	436	435	429	423	423	186	415	399
40	**Total**	**5602**	**5602**	**5619**	**5784**	**5876**	**5942**	**5949**	**5904**	**5853**	**5626**	**5626**	**4667**	**5075**	**5599**

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
8	Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
9	Encogen	163	163	166	171	175	178	179	177	175	172	172	169	166	163
10	Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
11	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
12	Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
13	Finley Combustion Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Frederickson CT	265	265	268	273	277	279	279	277	276	274	274	271	268	266
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	260	260	267	273	279	282	282	280	277	273	273	269	265	260
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	4.00	4.00	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	9.50	9.16	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	0	0	0	0	100.0
24	Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	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
26	Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	296	293	289	286
27	Northeast 1 & 2	44.0	44.0	46.0	24.0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	0	46.0	42.0
28	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
29	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	44.0	44.0	44.0
30	Port Westward	399	399	400	409	418	423	423	421	417	410	410	406	401	398
31	Rathdrum	139	139	143	156	168	174	176	172	168	81.0	81.0	144	141	139
32	River Road	205	205	215	230	235	235	235	235	230	225	225	0	220	205
33	Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	0	650	650
34	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	15.0	15.0	15.0
35	Whitehorn	147	147	149	153	157	160	160	158	157	155	155	152	149	147
	Total Combustion Turbine Resources														
36	Investor Owned Utilities	3950	3950	4001	4070	4191	4254	4260	4216	4170	4049	4049	4005	3507	3947
37	Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1134	1134	484	1134	1234
38	Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
39	Public Utility District	399	399	410	428	435	436	436	435	429	423	423	186	415	399
40	**Total**	**5602**	**5602**	**5665**	**5750**	**5878**	**5942**	**5949**	**5904**	**5853**	**5626**	**5626**	**4693**	**5075**	**5599**

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Exhibit 7
Table A-11: Regional Renewable Resources

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

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Table A-11: Regional: Renewable Resources

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	Ashland Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Police Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	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
9	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	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
13	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	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
23	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
24	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Columbia Ridge Landfill	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
26	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Cottonwood Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Deep Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	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
33	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	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
35	Double B 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
36	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
37	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
38	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	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
43	Farm Power Misty Meadow	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	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
45	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
46	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
47	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
48	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
49	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Grandview Solar One	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	H.W. Hill Landfill Gas (Roosevelt	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
60	HW Hill Landfill Gas 1	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
61	HW Hill Landfill Gas 2	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
62	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	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
67	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	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
74	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	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
77	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Lava Beds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Leaning Juniper 2b			0	0	0	0	0	0	0	0	0	0	0	0
88	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Lower Snake Wind I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Notch Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Pepsi-Cola Eugene Solar	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
109	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	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
111	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
112	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	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
114	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
115	Raft River Geothermal	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
116	Raft River Geothermal 1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
117	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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
121	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
122	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Rockland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Rogerson Flats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Salmon Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
128	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Swager 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
139	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	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
145	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Yahoo Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
164	Cooperative	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18
165	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Investor Owned Utilities	85.3	85.8	85.8	85.8	85.9	86.0	85.9	86.0	84.9	85.0	84.6	84.9	84.9	85.0
167	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Municipality	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
169	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Public Utility District	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
171	**Total**	**126**	**126**	**126**	**126**	**126**	**127**	**126**	**127**	**125**	**125**	**125**	**125**	**125**	**126**

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Table A-11: Regional: Renewable Resources

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	Ashland Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Police Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	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
9	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	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
13	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	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
23	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
24	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Columbia Ridge Landfill	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
26	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Cottonwood Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Deep Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	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
33	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	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
35	Double B 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
36	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
37	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
38	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	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
43	Farm Power Misty Meadow	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
44	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
45	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
46	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
47	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
48	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
49	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Grandview Solar One	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	H.W. Hill Landfill Gas (Roosevelt	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
60	HW Hill Landfill Gas 1	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
61	HW Hill Landfill Gas 2	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
62	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	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
67	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	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
74	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	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	0	47.0
77	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Lava Beds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Lower Snake Wind I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Notch Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Pepsi-Cola Eugene Solar	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
109	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	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
111	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
112	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	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
114	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
115	Raft River Geothermal	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
116	Raft River Geothermal 1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
117	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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
121	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
122	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Rockland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Rogerson Flats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Salmon Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
128	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Swager 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
139	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	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
145	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Yahoo Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
164	Cooperative	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18
165	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Investor Owned Utilities	85.9	86.4	86.4	86.4	86.4	86.6	86.4	86.6	85.5	85.5	85.2	85.5	38.5	85.6
167	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Municipality	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
169	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Public Utility District	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
171	**Total**	**126**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**126**	**126**	**126**	**126**	**79.0**	**126**

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Table A-11: Regional: Renewable Resources

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	Ashland Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Police Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	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
9	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	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
13	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	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
23	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
24	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Columbia Ridge Landfill	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
26	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Cottonwood Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Deep Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	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
33	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	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
35	Double B 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
36	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
37	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
38	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	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
43	Farm Power Misty Meadow	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
44	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
45	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
46	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
47	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
48	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
49	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Grandview Solar One	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	H.W. Hill Landfill Gas (Roosevelt	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
60	HW Hill Landfill Gas 1	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
61	HW Hill Landfill Gas 2	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
62	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	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
67	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	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
74	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	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	0	0	47.0
77	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Lava Beds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Lower Snake Wind I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Notch Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Pepsi-Cola Eugene Solar	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
109	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	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
111	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
112	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	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
114	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
115	Raft River Geothermal	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
116	Raft River Geothermal 1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
117	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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
121	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
122	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Rockland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Rogerson Flats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Salmon Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
128	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Swager 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
139	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	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
145	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Yahoo Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
164	Cooperative	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18
165	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Investor Owned Utilities	85.9	86.4	86.4	86.4	86.4	86.6	86.4	86.6	85.5	85.5	85.2	38.5	38.5	85.6
167	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Municipality	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
169	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Public Utility District	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
171	**Total**	**126**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**126**	**126**	**126**	**79.0**	**79.0**	**126**

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Table A-11: Regional: Renewable Resources

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	Ashland Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Police Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	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
9	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	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
13	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	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
23	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
24	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Columbia Ridge Landfill	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
26	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Cottonwood Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Deep Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	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
33	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	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
35	Double B 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
36	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
37	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
38	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	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
43	Farm Power Misty Meadow	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
44	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
45	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
46	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
47	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
48	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
49	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Grandview Solar One	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	H.W. Hill Landfill Gas (Roosevelt	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
60	HW Hill Landfill Gas 1	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
61	HW Hill Landfill Gas 2	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
62	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	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
67	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	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
74	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	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
77	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Lava Beds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Lower Snake Wind I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Notch Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Pepsi-Cola Eugene Solar	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
109	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	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
111	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
112	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	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
114	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
115	Raft River Geothermal	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
116	Raft River Geothermal 1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
117	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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
121	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
122	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Rockland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Rogerson Flats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Salmon Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
128	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Swager 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
139	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	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
145	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Yahoo Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
164	Cooperative	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18
165	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Investor Owned Utilities	85.9	86.4	86.4	86.4	86.4	86.6	86.4	86.6	85.5	85.5	85.2	85.5	85.5	85.6
167	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Municipality	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
169	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Public Utility District	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
171	**Total**	**126**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**126**	**126**	**126**	**126**	**126**	**126**

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Table A-11: Regional: Renewable Resources

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	Ashland Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Police Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	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
9	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	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
13	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	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
23	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
24	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Columbia Ridge Landfill	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
26	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Cottonwood Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Deep Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	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
33	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	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
35	Double B 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
36	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
37	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
38	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	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
43	Farm Power Misty Meadow	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
44	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
45	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
46	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
47	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
48	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
49	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Grandview Solar One	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	H.W. Hill Landfill Gas (Roosevelt	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
60	HW Hill Landfill Gas 1	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
61	HW Hill Landfill Gas 2	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
62	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	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
67	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	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
74	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	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	0	47.0
77	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Lava Beds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Lower Snake Wind I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Notch Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Pepsi-Cola Eugene Solar	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
109	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	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
111	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
112	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	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
114	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
115	Raft River Geothermal	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
116	Raft River Geothermal 1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
117	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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
121	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
122	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Rockland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Rogerson Flats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Salmon Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
128	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Swager 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
139	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	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
145	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Yahoo Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
164	Cooperative	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18
165	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Investor Owned Utilities	85.9	86.4	86.4	86.4	86.4	86.6	86.4	86.6	85.5	85.5	85.2	85.5	38.5	85.6
167	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Municipality	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
169	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Public Utility District	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
171	**Total**	**126**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**126**	**126**	**126**	**126**	**79.0**	**126**

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Table A-11: Regional: Renewable Resources

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	Ashland Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Police Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	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
9	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	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
13	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	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
23	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
24	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Columbia Ridge Landfill	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
26	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Cottonwood Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Deep Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	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
33	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	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
35	Double B 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
36	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
37	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
38	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	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
43	Farm Power Misty Meadow	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
44	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
45	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
46	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
47	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
48	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
49	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Grandview Solar One	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	H.W. Hill Landfill Gas (Roosevelt	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
60	HW Hill Landfill Gas 1	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
61	HW Hill Landfill Gas 2	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
62	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	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
67	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	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
74	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	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	0	47.0
77	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Lava Beds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Lower Snake Wind I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Notch Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Pepsi-Cola Eugene Solar	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
109	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	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
111	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
112	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	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
114	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
115	Raft River Geothermal	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
116	Raft River Geothermal 1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
117	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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
121	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
122	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Rockland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Rogerson Flats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Salmon Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
128	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Swager 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
139	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	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
145	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Yahoo Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
164	Cooperative	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18
165	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Investor Owned Utilities	85.9	86.4	86.4	86.4	86.4	86.6	86.4	86.6	85.5	85.5	85.2	85.5	38.5	85.6
167	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Municipality	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
169	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Public Utility District	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
171	**Total**	**126**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**126**	**126**	**126**	**126**	**79.0**	**126**

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Table A-11: Regional: Renewable Resources

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	Ashland Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Police Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	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
9	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	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
13	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	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
23	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
24	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Columbia Ridge Landfill	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
26	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Cottonwood Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Deep Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	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
33	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	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
35	Double B 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
36	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
37	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
38	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	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
43	Farm Power Misty Meadow	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
44	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
45	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
46	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
47	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
48	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
49	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Grandview Solar One	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	H.W. Hill Landfill Gas (Roosevelt	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
60	HW Hill Landfill Gas 1	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
61	HW Hill Landfill Gas 2	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
62	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	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
67	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	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
74	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	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
77	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Lava Beds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Lower Snake Wind I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Notch Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Pepsi-Cola Eugene Solar	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
109	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	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
111	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
112	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	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
114	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
115	Raft River Geothermal	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
116	Raft River Geothermal 1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
117	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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
121	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
122	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Rockland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Rogerson Flats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Salmon Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
128	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Swager 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
139	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	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
145	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Yahoo Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
164	Cooperative	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18
165	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Investor Owned Utilities	85.9	86.4	86.4	86.4	86.4	86.6	86.4	86.6	85.5	85.5	85.2	85.5	85.5	85.6
167	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Municipality	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
169	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Public Utility District	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
171	**Total**	**126**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**126**	**126**	**126**	**126**	**126**	**126**

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Table A-11: Regional: Renewable Resources

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	Ashland Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Police Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	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
9	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	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
13	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	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
23	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
24	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Columbia Ridge Landfill	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
26	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Cottonwood Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Deep Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	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
33	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	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
35	Double B 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
36	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
37	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
38	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	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
43	Farm Power Misty Meadow	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
44	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
45	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
46	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
47	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
48	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
49	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Grandview Solar One	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	H.W. Hill Landfill Gas (Roosevelt	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
60	HW Hill Landfill Gas 1	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
61	HW Hill Landfill Gas 2	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
62	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	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
67	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	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
74	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	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	0	47.0
77	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Lava Beds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Lower Snake Wind I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Notch Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Pepsi-Cola Eugene Solar	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
109	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	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
111	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
112	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	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
114	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
115	Raft River Geothermal	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
116	Raft River Geothermal 1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
117	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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
121	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
122	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Rockland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Rogerson Flats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Salmon Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
128	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Swager 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
139	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	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
145	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Yahoo Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
164	Cooperative	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18
165	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Investor Owned Utilities	85.9	86.4	86.4	86.4	86.4	86.6	86.4	86.6	85.5	85.5	85.2	85.5	38.5	85.6
167	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Municipality	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
169	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Public Utility District	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
171	**Total**	**126**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**126**	**126**	**126**	**126**	**79.0**	**126**

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Table A-11: Regional: Renewable Resources

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	Ashland Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Police Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	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
9	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	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
13	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	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
23	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
24	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Columbia Ridge Landfill	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
26	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Cottonwood Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Deep Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	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
33	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	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
35	Double B 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
36	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
37	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
38	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	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
43	Farm Power Misty Meadow	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
44	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
45	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
46	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
47	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
48	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
49	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Grandview Solar One	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	H.W. Hill Landfill Gas (Roosevelt	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
60	HW Hill Landfill Gas 1	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
61	HW Hill Landfill Gas 2	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
62	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	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
67	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	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
74	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	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	0	47.0
77	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Lava Beds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Lower Snake Wind I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Notch Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Pepsi-Cola Eugene Solar	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
109	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	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
111	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
112	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	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
114	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
115	Raft River Geothermal	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
116	Raft River Geothermal 1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
117	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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
121	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
122	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Rockland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Rogerson Flats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Salmon Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
128	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Swager 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
139	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	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
145	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Yahoo Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
164	Cooperative	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18
165	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Investor Owned Utilities	85.9	86.4	86.4	86.4	86.4	86.6	86.4	86.6	85.5	85.5	85.2	85.5	38.5	85.6
167	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Municipality	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
169	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Public Utility District	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
171	**Total**	**126**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**126**	**126**	**126**	**126**	**79.0**	**126**

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Table A-11: Regional: Renewable Resources

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Renewable Resources														
1	Ashland Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Police Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	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
9	Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	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
13	Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	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
23	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
24	Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Columbia Ridge Landfill	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
26	Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Cottonwood Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Deep Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	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
33	Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	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
35	Double B 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
36	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
37	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
38	Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	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
43	Farm Power Misty Meadow	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
44	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
45	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
46	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
47	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
48	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
49	Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Grandview Solar One	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	H.W. Hill Landfill Gas (Roosevelt	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
60	HW Hill Landfill Gas 1	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
61	HW Hill Landfill Gas 2	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
62	Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
64	Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	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
67	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Hopkins Ridge I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	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
74	Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	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	0	47.0
77	King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Lava Beds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Lower Snake Wind I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Notch Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	Pepsi-Cola Eugene Solar	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
109	Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	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
111	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
112	Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	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
114	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
115	Raft River Geothermal	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
116	Raft River Geothermal 1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
117	Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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
121	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
122	Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Rockland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Rogerson Flats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Salmon Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
128	Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	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
134	Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Swager 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
139	Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	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
145	Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Yahoo Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Renewable Resources														
164	Cooperative	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.18
165	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Investor Owned Utilities	85.9	86.4	86.4	86.4	86.4	86.6	86.4	86.6	85.5	85.5	85.2	85.5	38.5	85.6
167	Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Municipality	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
169	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Public Utility District	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
171	**Total**	**126**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**126**	**126**	**126**	**126**	**79.0**	**126**

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Exhibit 8
Table A-12: Regional Cogeneration Resources

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-12: Regional: Cogeneration Resources

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 Emmett	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	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
4	Champion International Paper C	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
5	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
6	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
7	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
8	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
9	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
10	Everett Cogeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	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
12	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
13	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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
15	Grays Harbor Paper	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
16	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
17	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
18	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
19	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
20	Intenational Paper Energy Cente	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
21	Intenational Paper Energy Center 2	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
22	Intenational Paper Energy Center 1	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
23	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
24	Lakeview Biomass	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
25	Lancaster	235	235	241	272	276	279	279	278	276	272	272	226	222	235
26	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
27	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
28	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	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
30	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
31	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
32	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
33	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
34	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
35	Potlatch	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
36	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
37	Potlach Wood Waste 1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
38	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
39	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
40	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
41	Seneca Sawmill Cogen	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
42	Sierra Pacific - Abberdeen	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	15.3
43	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
44	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
45	Simpson Tacoma 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
46	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
47	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
48	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
49	Sumas	126	126	127	130	132	134	134	133	132	131	131	129	127	126
50	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
51	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
52	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
53	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
54	Tenaska Gas Cogen	245	245	245	245	245	245	245	245	245	245	245	0	245	245
55	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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

Table A-12: Regional: Cogeneration Resources

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
61	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
Total Cogeneration Resources															
62	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
63	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
64	Federal Entities	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
65	Investor Owned Utilities	1859	1859	1880	1957	1974	1985	1986	1982	1970	1955	1475	1623	1848	1856
66	Marketer	814	814	814	814	814	814	814	814	184	814	814	814	814	814
67	Municipality	128	128	128	128	128	128	128	128	128	128	128	128	128	128
68	Other	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
69	Public Utility District	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
70	**Total**	**2941**	**2941**	**2964**	**3045**	**3063**	**3077**	**3080**	**3074**	**2406**	**3046**	**2566**	**2711**	**2932**	**2944**

Table A-12: Regional: Cogeneration Resources

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 Emmett	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	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
4	Champion International Paper C	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
5	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
6	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
7	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
8	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
9	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
10	Everett Cogeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	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
12	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
13	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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
15	Grays Harbor Paper	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
16	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
17	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
18	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
19	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
20	Intenational Paper Energy Cente	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
21	Intenational Paper Energy Center 2	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
22	Intenational Paper Energy Center 1	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
23	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
24	Lakeview Biomass	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
25	Lancaster	235	235	241	272	276	279	279	278	276	272	272	226	222	235
26	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
27	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
28	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	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
30	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
31	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
32	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
33	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
34	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
35	Potlatch	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
36	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
37	Potlach Wood Waste 1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
38	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
39	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
40	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
41	Seneca Sawmill Cogen	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
42	Sierra Pacific - Abberdeen	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	15.3
43	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
44	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
45	Simpson Tacoma 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
46	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
47	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
48	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
49	Sumas	126	126	127	130	132	134	134	133	132	131	131	129	127	126
50	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
51	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
52	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
53	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
54	Tenaska Gas Cogen	245	245	245	245	245	245	245	245	245	245	245	0	245	245
55	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
62	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
63	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
64	Federal Entities	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
65	Investor Owned Utilities	1859	1859	1880	1957	1974	1985	1986	1982	1970	1955	1475	1623	1848	1856
66	Marketer	814	814	814	814	814	814	814	814	184	836	836	836	836	836
67	Municipality	128	128	128	128	128	128	128	128	128	106	106	106	106	106
68	Other	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
69	Public Utility District	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
70	**Total**	**2941**	**2941**	**2964**	**3045**	**3063**	**3077**	**3080**	**3074**	**2406**	**3046**	**2566**	**2711**	**2932**	**2944**

Table A-12: Regional: Cogeneration Resources

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 Emmett	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	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
4	Champion International Paper C	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
5	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
6	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
7	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
8	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
9	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
10	Everett Cogeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	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
12	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
13	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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
15	Grays Harbor Paper	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
16	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
17	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
18	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	0	0	472	472	472
19	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
20	Intenational Paper Energy Cente	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
21	Intenational Paper Energy Center 2	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
22	Intenational Paper Energy Center 1	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
23	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
24	Lakeview Biomass	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
25	Lancaster	235	235	241	272	276	279	279	278	276	272	272	226	222	235
26	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
27	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
28	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	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
30	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
31	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
32	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
33	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
34	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
35	Potlatch	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
36	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
37	Potlach Wood Waste 1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
38	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
39	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
40	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
41	Seneca Sawmill Cogen	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
42	Sierra Pacific - Abberdeen	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	15.3
43	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
44	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
45	Simpson Tacoma 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
46	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
47	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
48	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
49	Sumas	126	126	127	130	132	134	134	133	132	131	131	129	127	126
50	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
51	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
52	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
53	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
54	Tenaska Gas Cogen	245	245	245	245	245	245	245	245	245	245	245	0	245	245
55	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
62	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
63	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
64	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
65	Investor Owned Utilities	1859	1859	1880	1957	1974	1985	1986	1982	1970	1483	1475	1623	1848	1856
66	Marketer	836	836	836	836	836	836	836	836	206	836	836	836	836	836
67	Municipality	106	106	106	106	106	106	106	106	106	117	117	116	114	115
68	Other	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
69	Public Utility District	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	82.1	82.1	80.6	78.2	80.2
70	**Total**	**2941**	**2941**	**2964**	**3045**	**3063**	**3077**	**3080**	**3074**	**2406**	**2574**	**2566**	**2711**	**2932**	**2944**

Table A-12: Regional: Cogeneration Resources

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 Emmett	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	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
4	Champion International Paper C	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
5	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
6	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
7	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
8	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
9	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
10	Everett Cogeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	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
12	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
13	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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
15	Grays Harbor Paper	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
16	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
17	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
18	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
19	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
20	Intenational Paper Energy Cente	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
21	Intenational Paper Energy Center 2	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
22	Intenational Paper Energy Center 1	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
23	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
24	Lakeview Biomass	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
25	Lancaster	235	235	241	272	276	279	279	278	276	272	272	226	222	235
26	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
27	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
28	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	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
30	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
31	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
32	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
33	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
34	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
35	Potlatch	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
36	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
37	Potlach Wood Waste 1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
38	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
39	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
40	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
41	Seneca Sawmill Cogen	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
42	Sierra Pacific - Abberdeen	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	15.3
43	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
44	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
45	Simpson Tacoma 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
46	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
47	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
48	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
49	Sumas	126	126	127	130	132	134	134	133	132	131	131	129	127	126
50	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
51	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
52	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
53	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
54	Tenaska Gas Cogen	245	245	245	245	245	245	245	245	245	245	245	0	245	245
55	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
62	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
63	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
64	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Investor Owned Utilities	1859	1859	1880	1957	1974	1985	1986	1982	1970	1955	1475	1623	1848	1856
66	Marketer	836	836	836	836	836	836	836	836	206	836	836	836	836	836
67	Municipality	113	113	114	116	116	118	118	118	118	117	117	116	114	115
68	Other	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
69	Public Utility District	77.3	77.3	78.3	80.3	80.9	82.4	83.1	82.6	82.6	82.1	82.1	80.6	78.2	80.2
70	**Total**	**2941**	**2941**	**2964**	**3045**	**3063**	**3077**	**3080**	**3074**	**2406**	**3046**	**2566**	**2711**	**2932**	**2944**

Table A-12: Regional: Cogeneration Resources

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 Emmett	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	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
4	Champion International Paper C	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
5	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
6	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
7	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
8	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
9	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
10	Everett Cogeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	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
12	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
13	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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
15	Grays Harbor Paper	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
16	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
17	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
18	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
19	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
20	Intenational Paper Energy Cente	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
21	Intenational Paper Energy Center 2	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
22	Intenational Paper Energy Center 1	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
23	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
24	Lakeview Biomass	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
25	Lancaster	235	235	241	272	276	279	279	278	276	272	272	226	222	235
26	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
27	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
28	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	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
30	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
31	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
32	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
33	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
34	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
35	Potlatch	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
36	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
37	Potlach Wood Waste 1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
38	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
39	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
40	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
41	Seneca Sawmill Cogen	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
42	Sierra Pacific - Abberdeen	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	15.3
43	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
44	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
45	Simpson Tacoma 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
46	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
47	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
48	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
49	Sumas	126	126	127	130	132	134	134	133	132	131	131	129	127	126
50	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
51	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
52	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
53	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
54	Tenaska Gas Cogen	245	245	245	245	245	245	245	245	245	245	245	0	245	245
55	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
62	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
63	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
64	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Investor Owned Utilities	1859	1859	1880	1957	1974	1985	1986	1982	1970	1955	1475	1623	1848	1856
66	Marketer	836	836	836	836	836	836	836	836	206	836	836	836	836	836
67	Municipality	113	113	114	116	116	118	118	118	118	117	117	116	114	115
68	Other	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
69	Public Utility District	77.3	77.3	78.3	80.3	80.9	82.4	83.1	82.6	82.6	82.1	82.1	80.6	78.2	80.2
70	**Total**	**2941**	**2941**	**2964**	**3045**	**3063**	**3077**	**3080**	**3074**	**2406**	**3046**	**2566**	**2711**	**2932**	**2944**

Table A-12: Regional: Cogeneration Resources

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 Emmett	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	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
4	Champion International Paper C	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
5	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
6	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
7	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
8	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
9	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
10	Everett Cogeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	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
12	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
13	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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
15	Grays Harbor Paper	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
16	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
17	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
18	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	0	0	472	472	472
19	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
20	Intenational Paper Energy Cente	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
21	Intenational Paper Energy Center 2	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
22	Intenational Paper Energy Center 1	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
23	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
24	Lakeview Biomass	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
25	Lancaster	235	235	241	272	276	279	279	278	276	272	272	226	222	235
26	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
27	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
28	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	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
30	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
31	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
32	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
33	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
34	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
35	Potlatch	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
36	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
37	Potlach Wood Waste 1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
38	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
39	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
40	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
41	Seneca Sawmill Cogen	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
42	Sierra Pacific - Abberdeen	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	15.3
43	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
44	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
45	Simpson Tacoma 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
46	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
47	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
48	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
49	Sumas	126	126	127	130	132	134	134	133	132	131	131	129	127	126
50	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
51	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
52	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
53	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
54	Tenaska Gas Cogen	245	245	245	245	245	245	245	245	245	245	245	0	245	245
55	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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

2012 White Book Report Date: **10/19/2012**

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	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
62	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
63	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
64	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Investor Owned Utilities	1859	1859	1880	1957	1974	1985	1986	1982	1970	1483	1475	1623	1848	1856
66	Marketer	836	836	836	836	836	836	836	836	206	836	836	836	836	836
67	Municipality	113	113	114	116	116	118	118	118	118	117	117	116	114	115
68	Other	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
69	Public Utility District	77.3	77.3	78.3	80.3	80.9	82.4	83.1	82.6	82.6	82.1	82.1	80.6	78.2	80.2
70	**Total**	**2941**	**2941**	**2964**	**3045**	**3063**	**3077**	**3080**	**3074**	**2406**	**2574**	**2566**	**2711**	**2932**	**2944**

Table A-12: Regional: Cogeneration Resources

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 Emmett	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	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
4	Champion International Paper C	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
5	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
6	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
7	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
8	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
9	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
10	Everett Cogeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	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
12	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
13	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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
15	Grays Harbor Paper	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
16	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
17	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
18	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
19	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
20	Intenational Paper Energy Cente	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
21	Intenational Paper Energy Center 2	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
22	Intenational Paper Energy Center 1	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
23	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
24	Lakeview Biomass	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
25	Lancaster	235	235	241	272	276	279	279	278	276	272	272	226	222	235
26	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
27	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
28	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	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
30	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
31	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
32	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
33	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
34	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
35	Potlatch	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
36	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
37	Potlach Wood Waste 1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
38	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
39	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
40	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
41	Seneca Sawmill Cogen	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
42	Sierra Pacific - Abberdeen	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	15.3
43	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
44	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
45	Simpson Tacoma 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
46	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
47	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
48	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
49	Sumas	126	126	127	130	132	134	134	133	132	131	131	129	127	126
50	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
51	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
52	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
53	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
54	Tenaska Gas Cogen	245	245	245	245	245	245	245	245	245	245	245	0	245	245
55	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
62	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
63	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
64	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Investor Owned Utilities	1859	1859	1880	1957	1974	1985	1986	1982	1970	1955	1475	1623	1848	1856
66	Marketer	836	836	836	836	836	836	836	836	206	836	836	836	836	836
67	Municipality	113	113	114	116	116	118	118	118	118	117	117	116	114	115
68	Other	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
69	Public Utility District	77.3	77.3	78.3	80.3	80.9	82.4	83.1	82.6	82.6	82.1	82.1	80.6	78.2	80.2
70	**Total**	**2941**	**2941**	**2964**	**3045**	**3063**	**3077**	**3080**	**3074**	**2406**	**3046**	**2566**	**2711**	**2932**	**2944**

Table A-12: Regional: Cogeneration Resources

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 Emmett	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	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
4	Champion International Paper C	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
5	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
6	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
7	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
8	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
9	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
10	Everett Cogeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	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
12	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
13	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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
15	Grays Harbor Paper	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
16	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
17	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
18	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
19	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
20	Intenational Paper Energy Cente	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
21	Intenational Paper Energy Center 2	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
22	Intenational Paper Energy Center 1	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
23	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
24	Lakeview Biomass	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
25	Lancaster	235	235	241	272	276	279	279	278	276	272	272	226	222	235
26	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
27	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
28	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	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
30	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
31	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
32	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
33	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
34	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
35	Potlatch	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
36	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
37	Potlach Wood Waste 1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
38	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
39	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
40	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
41	Seneca Sawmill Cogen	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
42	Sierra Pacific - Abberdeen	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	15.3
43	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
44	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
45	Simpson Tacoma 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
46	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
47	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
48	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
49	Sumas	126	126	127	130	132	134	134	133	132	131	131	129	127	126
50	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
51	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
52	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
53	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
54	Tenaska Gas Cogen	245	245	245	245	245	245	245	245	245	245	245	0	245	245
55	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
62	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
63	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
64	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Investor Owned Utilities	1859	1859	1880	1957	1974	1985	1986	1982	1970	1955	1475	1623	1848	1856
66	Marketer	836	836	836	836	836	836	836	836	206	836	836	836	836	836
67	Municipality	113	113	114	116	116	118	118	118	118	117	117	116	114	115
68	Other	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
69	Public Utility District	77.3	77.3	78.3	80.3	80.9	82.4	83.1	82.6	82.6	82.1	82.1	80.6	78.2	80.2
70	**Total**	**2941**	**2941**	**2964**	**3045**	**3063**	**3077**	**3080**	**3074**	**2406**	**3046**	**2566**	**2711**	**2932**	**2944**

Table A-12: Regional: Cogeneration Resources

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 Emmett	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	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
4	Champion International Paper C	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
5	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
6	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
7	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
8	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
9	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
10	Everett Cogeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	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
12	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
13	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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
15	Grays Harbor Paper	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
16	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
17	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
18	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	0	0	472	472	472
19	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
20	Intenational Paper Energy Cente	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
21	Intenational Paper Energy Center 2	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
22	Intenational Paper Energy Center 1	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
23	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
24	Lakeview Biomass	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
25	Lancaster	235	235	241	272	276	279	279	278	276	272	272	226	222	235
26	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
27	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
28	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	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
30	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
31	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
32	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
33	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
34	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
35	Potlatch	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
36	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
37	Potlach Wood Waste 1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
38	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
39	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
40	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
41	Seneca Sawmill Cogen	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
42	Sierra Pacific - Abberdeen	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	15.3
43	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
44	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
45	Simpson Tacoma 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
46	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
47	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
48	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
49	Sumas	126	126	127	130	132	134	134	133	132	131	131	129	127	126
50	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
51	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
52	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
53	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
54	Tenaska Gas Cogen	245	245	245	245	245	245	245	245	245	245	245	0	245	245
55	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
62	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
63	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
64	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Investor Owned Utilities	1859	1859	1880	1957	1974	1985	1986	1982	1970	1483	1475	1623	1848	1856
66	Marketer	891	891	891	891	891	891	891	891	261	891	891	891	891	891
67	Municipality	57.6	57.6	58.6	60.6	61.2	62.7	63.4	62.9	62.9	62.4	62.4	60.9	58.5	60.5
68	Other	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
69	Public Utility District	77.3	77.3	78.3	80.3	80.9	82.4	83.1	82.6	82.6	82.1	82.1	80.6	78.2	80.2
70	**Total**	**2941**	**2941**	**2964**	**3045**	**3063**	**3077**	**3080**	**3074**	**2406**	**2574**	**2566**	**2711**	**2932**	**2944**

Table A-12: Regional: Cogeneration Resources

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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 Emmett	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	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
4	Champion International Paper C	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
5	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
6	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
7	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
8	Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
9	Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
10	Everett Cogeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	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
12	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
13	Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	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
15	Grays Harbor Paper	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
16	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
17	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
18	Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
19	Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
20	Intenational Paper Energy Cente	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
21	Intenational Paper Energy Center 2	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
22	Intenational Paper Energy Center 1	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
23	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
24	Lakeview Biomass	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
25	Lancaster	235	235	241	272	276	279	279	278	276	272	272	226	222	235
26	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
27	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
28	Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	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
30	March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
31	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
32	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
33	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
34	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
35	Potlatch	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
36	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
37	Potlach Wood Waste 1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
38	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
39	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
40	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
41	Seneca Sawmill Cogen	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
42	Sierra Pacific - Abberdeen	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	15.3
43	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
44	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
45	Simpson Tacoma 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
46	SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
47	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
48	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
49	Sumas	126	126	127	130	132	134	134	133	132	131	131	129	127	126
50	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
51	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
52	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
53	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
54	Tenaska Gas Cogen	245	245	245	245	245	245	245	245	245	245	245	0	245	245
55	Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Vaagen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	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
58	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
59	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
60	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
61	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

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Total Cogeneration Resources														
62	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
63	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
64	Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Investor Owned Utilities	1859	1859	1880	1957	1974	1985	1986	1982	1970	1955	1475	1623	1848	1856
66	Marketer	891	891	891	891	891	891	891	891	261	891	891	891	891	891
67	Municipality	57.6	57.6	58.6	60.6	61.2	62.7	63.4	62.9	62.9	62.4	62.4	60.9	58.5	60.5
68	Other	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0	26.8	26.8	26.8	26.8	26.8
69	Public Utility District	77.3	77.3	78.3	80.3	80.9	82.4	83.1	82.6	82.6	82.1	82.1	80.6	78.2	80.2
70	**Total**	**2941**	**2941**	**2964**	**3045**	**3063**	**3077**	**3080**	**3074**	**2406**	**3046**	**2566**	**2711**	**2932**	**2944**

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Exhibit 9
Table A-13: Regional Large Thermal Resources

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-13: Regional: Large Thermal Resources

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	670	1588	1588
3	Big Hanaford	248	248	248	248	248	248	248	248	248	248	248	0	248	248
4	Centralia 1	670	670	670	670	670	670	670	670	670	670	670	0	670	670
5	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	670	670	670
6	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1047	1047	1412	1412	1565
7	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	0	0	154
9	Colstrip 3	518	518	518	518	518	518	518	518	518	0	0	518	518	518
10	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
11	Columbia Generating Station	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
12	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	1590	1590	2120	2120
13	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	0	0	530	530
14	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
17	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
19	North Valmy1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Total Large Thermal Resources														
20	Federal Entities	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
21	Investor Owned Utilities	4468	4468	4468	4468	4468	4468	4468	4468	4468	3950	3420	3262	4314	4468
22	Marketer	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	670	1588	1588
23	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
24	**Total**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**6726**	**6196**	**5062**	**7090**	**7244**

Table A-13: Regional: Large Thermal Resources

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	670	1588	1588
3	Big Hanaford	248	248	248	248	248	248	248	248	248	248	248	0	248	248
4	Centralia 1	670	670	670	670	670	670	670	670	670	670	670	670	670	670
5	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	0	670	670
6	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1412	1565
7	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	0	154
8	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
9	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
10	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
11	Columbia Generating Station	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
12	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
13	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
17	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
19	North Valmy1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Total Large Thermal Resources														
20	Federal Entities	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
21	Investor Owned Utilities	4468	4468	4468	4468	4468	4677	4677	4677	4677	4677	4677	3946	4523	4677
22	Marketer	1588	1588	1588	1588	1588	1379	1379	1379	1379	1379	1379	670	1379	1379
23	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
24	**Total**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**4616**	**5960**	**7244**

Table A-13: Regional: Large Thermal Resources

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	1588	1588	1588	1588	1588	1588	1588	1588	1588	918	918	1340	1588	1588
3	Big Hanaford	248	248	248	248	248	248	248	248	248	248	248	0	248	248
4	Centralia 1	670	670	670	670	670	670	670	670	670	0	0	670	670	670
5	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	670	670	670
6	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	825	825	1565	1565	1565
7	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
9	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
10	Colstrip 4	740	740	740	740	740	740	740	740	740	0	0	740	740	740
11	Columbia Generating Station	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
12	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	1590	2120	2120	2120
13	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	0	530	530	530
14	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
17	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
19	North Valmy1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Total Large Thermal Resources														
20	Federal Entities	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
21	Investor Owned Utilities	4677	4677	4677	4677	4677	4767	4767	4767	4767	4027	3497	4245	4767	4767
22	Marketer	1379	1379	1379	1379	1379	1289	1289	1289	1289	619	619	1041	1289	1289
23	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
24	**Total**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**5834**	**5304**	**6416**	**7244**	**7244**

Table A-13: Regional: Large Thermal Resources

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	1588	1588	1588	1588	1588	1588	1588	1588	1588	918	918	1340	1588	1588
3	Big Hanaford	248	248	248	248	248	248	248	248	248	248	248	0	248	248
4	Centralia 1	670	670	670	670	670	670	670	670	670	670	670	670	670	670
5	Centralia 2	670	670	670	670	670	670	670	670	670	0	0	670	670	670
6	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1047	1047	1412	1412	1565
7	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	0	0	154
9	Colstrip 3	518	518	518	518	518	518	518	518	518	0	0	518	518	518
10	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
11	Columbia Generating Station	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
12	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
13	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
17	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
19	North Valmy1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Total Large Thermal Resources														
20	Federal Entities	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
21	Investor Owned Utilities	4767	4767	4767	4767	4767	4927	4927	4927	4927	3950	3950	4252	4774	4927
22	Marketer	1289	1289	1289	1289	1289	1128	1128	1128	1128	918	918	880	1128	1128
23	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
24	**Total**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**6056**	**6056**	**5132**	**5960**	**7244**

Table A-13: Regional: Large Thermal Resources

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	670	1588	1588
3	Big Hanaford	248	248	248	248	248	248	248	248	248	248	248	0	248	248
4	Centralia 1	670	670	670	670	670	670	670	670	670	670	670	0	670	670
5	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	670	670	670
6	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1412	1565
7	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	0	154
8	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
9	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
10	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
11	Columbia Generating Station	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
12	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	1590	2120	2120
13	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	0	530	530
14	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
17	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
19	North Valmy1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Total Large Thermal Resources														
20	Federal Entities	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
21	Investor Owned Utilities	4927	4927	4927	4927	4927	4874	4874	4874	4874	4874	4874	3822	4721	4874
22	Marketer	1128	1128	1128	1128	1128	1181	1181	1181	1181	1181	1181	263	1181	1181
23	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
24	**Total**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**5216**	**7090**	**7244**

Table A-13: Regional: Large Thermal Resources

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	670	1588	1588
3	Big Hanaford	248	248	248	248	248	248	248	248	248	248	248	0	248	248
4	Centralia 1	670	670	670	670	670	670	670	670	670	670	670	670	670	670
5	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	0	670	670
6	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	825	825	1565	1565	1565
7	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
9	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
10	Colstrip 4	740	740	740	740	740	740	740	740	740	0	0	740	740	740
11	Columbia Generating Station	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
12	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
13	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
17	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
19	North Valmy1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Total Large Thermal Resources														
20	Federal Entities	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
21	Investor Owned Utilities	4874	4874	4874	4874	4874	4908	4908	4908	4908	4168	4168	3946	4908	4908
22	Marketer	1181	1181	1181	1181	1181	1147	1147	1147	1147	1147	1147	670	1147	1147
23	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
24	**Total**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**6504**	**6504**	**4616**	**6114**	**7244**

Table A-13: Regional: Large Thermal Resources

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	670	1588	1588
3	Big Hanaford	248	248	248	248	248	248	248	248	248	248	248	0	248	248
4	Centralia 1	670	670	670	670	670	670	670	670	670	670	670	0	670	670
5	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	670	670	670
6	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1047	1047	1412	1412	1565
7	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	0	0	154
9	Colstrip 3	518	518	518	518	518	518	518	518	518	0	0	518	518	518
10	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
11	Columbia Generating Station	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
12	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	1590	1590	2120	2120
13	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	0	0	530	530
14	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
17	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
19	North Valmy1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Total Large Thermal Resources														
20	Federal Entities	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
21	Investor Owned Utilities	4908	4908	4908	4908	4908	4874	4874	4874	4874	4356	3826	3669	4721	4874
22	Marketer	1147	1147	1147	1147	1147	1181	1181	1181	1181	1181	1181	263	1181	1181
23	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
24	**Total**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**7244**	**6726**	**6196**	**5062**	**7090**	**7244**

Table A-13: Regional: Large Thermal Resources

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	1588	1588	1588	1588	1588	918	918	918	918	918	918	0	918	918
3	Big Hanaford	248	248	248	248	248	248	248	248	248	248	248	0	248	248
4	Centralia 1	670	670	670	670	670	0	0	0	0	0	0	0	0	0
5	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	0	670	670
6	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1412	1565
7	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	0	154
8	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
9	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
10	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
11	Columbia Generating Station	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
12	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
13	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
17	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
19	North Valmy1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Total Large Thermal Resources														
20	Federal Entities	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
21	Investor Owned Utilities	4874	4874	4874	4874	4874	4908	4386	4386	4386	4386	4386	3946	4233	4386
22	Marketer	1181	1181	1181	1181	1181	477	477	477	477	477	477	0	477	477
23	Municipality	58.0	58.0	58.0	58.0	58.0	58.0	0	0	0	0	0	0	0	0
24	**Total**	**7244**	**7244**	**7244**	**7244**	**7244**	**6574**	**5994**	**5994**	**5994**	**5994**	**5994**	**3946**	**4710**	**5994**

Table A-13: Regional: Large Thermal Resources

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	918	918	918	918	918	918	918	918	918	918	918	670	918	918
3	Big Hanaford	248	248	248	248	248	248	248	248	248	248	248	0	248	248
4	Centralia 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Centralia 2	670	670	670	670	670	670	670	670	670	670	670	670	670	670
6	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	825	825	1565	1565	1565
7	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	154	154	154
9	Colstrip 3	518	518	518	518	518	518	518	518	518	518	518	518	518	518
10	Colstrip 4	740	740	740	740	740	740	740	740	740	0	0	740	740	740
11	Columbia Generating Station	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
12	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	1590	2120	2120	2120
13	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	0	530	530	530
14	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
17	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
19	North Valmy1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Total Large Thermal Resources														
20	Federal Entities	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
21	Investor Owned Utilities	4386	4386	4386	4386	4386	4352	4352	4352	4352	3612	3082	4352	4352	4352
22	Marketer	477	477	477	477	477	511	511	511	511	511	511	263	511	511
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Total**	**5994**	**5994**	**5994**	**5994**	**5994**	**5994**	**5994**	**5994**	**5994**	**5254**	**4724**	**5746**	**5994**	**5994**

Table A-13: Regional: Large Thermal Resources

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	918	918	918	918	918	918	918	918	918	248	248	670	918	918
3	Big Hanaford	248	248	248	248	248	248	248	248	248	248	248	0	248	248
4	Centralia 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Centralia 2	670	670	670	670	670	670	670	670	670	0	0	670	670	670
6	Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1047	1047	1412	1412	1565
7	Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
8	Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	0	0	154
9	Colstrip 3	518	518	518	518	518	518	518	518	518	0	0	518	518	518
10	Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
11	Columbia Generating Station	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
12	Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
13	Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14	Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15	Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16	Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
17	Valmy	261	261	261	261	261	261	261	261	261	261	261	261	261	261
18	North Valmy 2	134	134	134	134	134	134	134	134	134	134	134	134	134	134
19	North Valmy1	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Total Large Thermal Resources														
20	Federal Entities	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
21	Investor Owned Utilities	4352	4352	4352	4352	4352	4405	4405	4405	4405	3428	3428	4252	4252	4405
22	Marketer	511	511	511	511	511	458	458	458	458	248	248	210	458	458
23	Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	**Total**	**5994**	**5994**	**5994**	**5994**	**5994**	**5994**	**5994**	**5994**	**5994**	**4806**	**4806**	**4462**	**4710**	**5994**

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

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	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	16.1
13	Treasure Valley	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
14	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														
15	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
16	Investor Owned Utilities	52.7	53.0	52.1	52.2	52.5	53.6	54.0	53.7	52.3	52.4	52.1	54.3	52.1	51.4
17	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
18	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
19	**Total**	**84.1**	**84.4**	**83.5**	**83.6**	**83.9**	**85.0**	**85.4**	**85.1**	**83.7**	**83.8**	**83.5**	**85.7**	**83.5**	**82.8**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	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	16.1
13	Treasure Valley	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
14	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														
15	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
16	Investor Owned Utilities	52.7	53.0	52.1	52.2	52.5	53.6	54.0	53.7	52.3	52.4	52.1	54.3	52.1	51.4
17	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
18	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
19	**Total**	**84.1**	**84.4**	**83.5**	**83.6**	**83.9**	**85.0**	**85.4**	**85.1**	**83.7**	**83.8**	**83.5**	**85.7**	**83.5**	**82.8**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	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	16.1
13	Treasure Valley	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
14	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														
15	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
16	Investor Owned Utilities	52.7	53.0	52.1	52.2	52.5	53.6	54.0	53.7	52.3	52.4	52.1	54.3	52.1	51.4
17	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
18	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
19	**Total**	**84.1**	**84.4**	**83.5**	**83.6**	**83.9**	**85.0**	**85.4**	**85.1**	**83.7**	**83.8**	**83.5**	**85.7**	**83.5**	**82.8**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	16.1	16.1	16.1	16.1	16.1	16.1	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
13	Treasure Valley	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
14	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														
15	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
16	Investor Owned Utilities	52.7	53.0	52.1	52.2	52.5	53.6	52.9	52.6	51.2	51.3	51.0	53.2	51.0	50.3
17	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
18	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
19	**Total**	**84.1**	**84.4**	**83.5**	**83.6**	**83.9**	**85.0**	**84.3**	**84.0**	**82.6**	**82.7**	**82.4**	**84.6**	**82.4**	**81.7**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	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	15.0
13	Treasure Valley	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
14	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														
15	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
16	Investor Owned Utilities	51.6	51.9	51.0	51.1	51.4	52.5	52.9	52.6	51.2	51.3	51.0	53.2	51.0	50.3
17	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
18	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
19	**Total**	**83.0**	**83.3**	**82.4**	**82.5**	**82.8**	**83.9**	**84.3**	**84.0**	**82.6**	**82.7**	**82.4**	**84.6**	**82.4**	**81.7**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	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	15.0
13	Treasure Valley	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
14	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														
15	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
16	Investor Owned Utilities	51.6	51.9	51.0	51.1	51.4	52.5	52.9	52.6	51.2	51.3	51.0	53.2	51.0	50.3
17	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
18	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
19	**Total**	**83.0**	**83.3**	**82.4**	**82.5**	**82.8**	**83.9**	**84.3**	**84.0**	**82.6**	**82.7**	**82.4**	**84.6**	**82.4**	**81.7**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	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	15.0
13	Treasure Valley	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
14	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														
15	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
16	Investor Owned Utilities	51.6	51.9	51.0	51.1	51.4	52.5	52.9	52.6	51.2	51.3	51.0	53.2	51.0	50.3
17	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
18	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
19	**Total**	**83.0**	**83.3**	**82.4**	**82.5**	**82.8**	**83.9**	**84.3**	**84.0**	**82.6**	**82.7**	**82.4**	**84.6**	**82.4**	**81.7**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	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	15.0
13	Treasure Valley	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
14	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														
15	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
16	Investor Owned Utilities	51.6	51.9	51.0	51.1	51.4	52.5	52.9	52.6	51.2	51.3	51.0	53.2	51.0	50.3
17	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
18	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
19	**Total**	**83.0**	**83.3**	**82.4**	**82.5**	**82.8**	**83.9**	**84.3**	**84.0**	**82.6**	**82.7**	**82.4**	**84.6**	**82.4**	**81.7**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	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	15.0
13	Treasure Valley	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
14	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														
15	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
16	Investor Owned Utilities	51.6	51.9	51.0	51.1	51.4	52.5	52.9	52.6	51.2	51.3	51.0	53.2	51.0	50.3
17	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
18	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
19	**Total**	**83.0**	**83.3**	**82.4**	**82.5**	**82.8**	**83.9**	**84.3**	**84.0**	**82.6**	**82.7**	**82.4**	**84.6**	**82.4**	**81.7**

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	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	15.0
13	Treasure Valley	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
14	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														
15	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
16	Investor Owned Utilities	51.6	51.9	51.0	51.1	51.4	52.5	52.9	52.6	51.2	51.3	51.0	53.2	51.0	50.3
17	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
18	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
19	**Total**	**83.0**	**83.3**	**82.4**	**82.5**	**82.8**	**83.9**	**84.3**	**84.0**	**82.6**	**82.7**	**82.4**	**84.6**	**82.4**	**81.7**

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

Monthly Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

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

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	31.0	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	66.0	66.0	66.0	66.0	66.0	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	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
5	GCPD to BPA CEAEA for Wanpum	49.0	49.0	49.0	49.0	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**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**238**	**238**	**238**	**238**	**238**
	Total Imports														
7	Federal Entities	239	239	239	239	239	239	239	239	239	238	238	238	238	238
8	**Total Imports**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**239**	**238**	**238**	**238**	**238**	**238**

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

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	31.0	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	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	65.0
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	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	51.0	51.0	51.0	51.0	51.0
5	GCPD to BPA CEAEA for Wanpum	49.0	49.0	49.0	49.0	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**	**238**	**238**	**238**	**238**	**238**	**238**	**238**	**238**	**238**	**237**	**237**	**237**	**237**	**237**
Total Imports															
7	Federal Entities	238	238	238	238	238	238	238	238	238	237	237	237	237	237
8	**Total Imports**	**238**	**238**	**238**	**238**	**238**	**238**	**238**	**238**	**238**	**237**	**237**	**237**	**237**	**237**

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

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	31.0	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	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	64.0	64.0	64.0	64.0	64.0
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	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
5	GCPD to BPA CEAEA for Wanpum	49.0	49.0	49.0	49.0	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**	**237**	**237**	**237**	**237**	**237**	**237**	**237**	**237**	**237**	**236**	**236**	**236**	**236**	**236**
	Total Imports														
7	Federal Entities	237	237	237	237	237	237	237	237	237	236	236	236	236	236
8	**Total Imports**	**237**	**237**	**237**	**237**	**237**	**237**	**237**	**237**	**237**	**236**	**236**	**236**	**236**	**236**

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

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	31.0	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	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
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	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	49.0	49.0	49.0	49.0	48.0	48.0	48.0	48.0	48.0
6	**Total Imports From PNW**	**236**	**236**	**236**	**236**	**236**	**236**	**236**	**236**	**236**	**234**	**234**	**234**	**234**	**234**
Total Imports															
7	Federal Entities	236	236	236	236	236	236	236	236	236	234	234	234	234	234
8	**Total Imports**	**236**	**236**	**236**	**236**	**236**	**236**	**236**	**236**	**236**	**234**	**234**	**234**	**234**	**234**

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

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	31.0	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	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	63.0	63.0	63.0	63.0	63.0
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	40.0	40.0	40.0	40.0	40.0
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	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
6	**Total Imports From PNW**	**234**	**234**	**234**	**234**	**234**	**234**	**234**	**234**	**234**	**232**	**232**	**232**	**232**	**232**
	Total Imports														
7	Federal Entities	234	234	234	234	234	234	234	234	234	232	232	232	232	232
8	**Total Imports**	**234**	**234**	**234**	**234**	**234**	**234**	**234**	**234**	**234**	**232**	**232**	**232**	**232**	**232**

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

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	31.0	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	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
3	DOPD to BPA CEAEA for Wells	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	40.0
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	49.0	49.0	49.0	49.0	49.0
5	GCPD to BPA CEAEA for Wanpum	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	47.0	47.0	47.0	47.0	47.0
6	**Total Imports From PNW**	**232**	**232**	**232**	**232**	**232**	**232**	**232**	**232**	**232**	**230**	**230**	**230**	**230**	**230**
	Total Imports														
7	Federal Entities	232	232	232	232	232	232	232	232	232	230	230	230	230	230
8	**Total Imports**	**232**	**232**	**232**	**232**	**232**	**232**	**232**	**232**	**232**	**230**	**230**	**230**	**230**	**230**

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

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	31.0	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	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
3	DOPD to BPA CEAEA for Wells	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	39.0	39.0	39.0	39.0
4	GCPD to BPA CEAEA for Priest Rapids	49.0	49.0	49.0	49.0	49.0	49.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
5	GCPD to BPA CEAEA for Wanpum	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
6	**Total Imports From PNW**	**230**	**230**	**230**	**230**	**230**	**230**	**229**	**229**	**229**	**228**	**228**	**228**	**228**	**228**
	Total Imports														
7	Federal Entities	230	230	230	230	230	230	229	229	229	228	228	228	228	228
8	**Total Imports**	**230**	**230**	**230**	**230**	**230**	**230**	**229**	**229**	**229**	**228**	**228**	**228**	**228**	**228**

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

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	31.0	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	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
3	DOPD to BPA CEAEA for Wells	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
4	GCPD to BPA CEAEA for Priest Rapids	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
5	GCPD to BPA CEAEA for Wanpum	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
6	**Total Imports From PNW**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**
	Total Imports														
7	Federal Entities	228	228	228	228	228	228	228	228	228	228	228	228	228	228
8	**Total Imports**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**

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

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	31.0	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	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
3	DOPD to BPA CEAEA for Wells	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
4	GCPD to BPA CEAEA for Priest Rapids	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
5	GCPD to BPA CEAEA for Wanpum	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
6	**Total Imports From PNW**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**
	Total Imports														
7	Federal Entities	228	228	228	228	228	228	228	228	228	228	228	228	228	228
8	**Total Imports**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**

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

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	Capacity - 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	31.0	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	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
3	DOPD to BPA CEAEA for Wells	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
4	GCPD to BPA CEAEA for Priest Rapids	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
5	GCPD to BPA CEAEA for Wanpum	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
6	**Total Imports From PNW**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**
	Total Imports														
7	Federal Entities	228	228	228	228	228	228	228	228	228	228	228	228	228	228
8	**Total Imports**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**	**228**

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Section 2: Monthly 120-Hour Capacity Operating Year 2014 to 2023

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Exhibit 12
Federal Report Surplus Deficit

Monthly 120-Hour Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Federal Report Surplus Deficit

Operating Year: 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1127	1127	1035	999	663	794	544	813	922	947	947	1052	1098	1168
2	Federal Agencies	141	141	131	154	185	214	213	196	197	169	169	151	155	157
3	USBR Obligation	671	671	589	529	162	264	14.9	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	8917	8427	8193	7875	9873	10557	10265	9546	9026	8147	8218	8899	8410	8906
6	Load Following 2012 PSC	4199	4199	4033	4286	4812	5473	5431	5127	4666	4511	4511	4153	4138	4360
7	Slice Block 2012 PSC	1636	1636	1716	1655	2046	2274	2310	2137	1989	1663	1663	1454	1351	1592
8	Slice Right to Power 2012 PSC	2349	1891	1928	1808	2528	2566	2125	1887	2181	1882	1883	3192	2662	2555
9	Exports	1604	1604	1450	1615	1339	1340	1341	1469	1455	1338	1338	1398	1400	1436
10	Intra-Regional Transfers (Out)	234	234	234	9.00	287	283	282	283	145	143	143	9.00	9.00	9.00
11	Federal Diversity	-1105	-1138	-1168	-1498	-1140	-1379	-1224	-1358	-1410	-1390	-1320	-1307	-1150	-1046
12	**Total Firm Obligations**	**10044**	**9554**	**9229**	**8875**	**10536**	**11351**	**10809**	**10359**	**9948**	**9094**	**9165**	**9950**	**9509**	**10074**
	Net Resources														
13	**Net Hydro**	11283	9477	9387	9078	11558	11730	9953	9441	10511	9274	9277	14449	12495	12143
14	Regulated Hydro - Net	10814	9014	8849	8662	11163	11455	9707	9222	10147	8669	8659	13690	11696	11627
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1146	1146	1147	1152	1154	1157	1159	1158	1158	1157	1157	1154	1148	1151
17	Cogeneration Resources	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
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	529	518	769	708	1006	1118	875	869	876	852	852	325	565	355
24	Imports	176	176	72.3	72.3	103	305	73.2	73.2	73.2	56.9	56.9	11.0	1.00	56.0
25	Intra-Regional Transfers (In)	58.0	58.0	412	354	604	512	512	512	512	512	512	0	262	0
26	Non-Federal CER	239	239	239	239	239	239	239	239	239	238	238	238	238	238
27	Slice Transmission Loss Return	56.2	45.2	46.1	43.1	60.4	61.3	50.7	45.0	52.1	44.9	44.9	76.4	63.6	61.1
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-1983	-1871	-1864	-1837	-2044	-2091	-1966	-1919	-1945	-1863	-1863	-2086	-2037	-2037
30	Contingency Reserves (Spinning)	-352	-326	-319	-329	-388	-407	-378	-362	-357	-337	-337	-372	-362	-371
31	Contingency Reserves (Non-Spinning)	-352	-326	-319	-329	-388	-407	-378	-362	-357	-337	-337	-372	-362	-371
32	Load Following Reserves	-486	-486	-486	-478	-478	-478	-478	-478	-478	-478	-478	-478	-492	-492
33	Generation Imbalance Reserves	-411	-411	-411	-385	-385	-385	-385	-385	-385	-385	-385	-385	-400	-400
34	Transmission Losses	-380	-321	-327	-315	-405	-413	-347	-331	-367	-327	-327	-480	-422	-403
35	**Total Net Resources**	**10975**	**9271**	**9440**	**9102**	**11674**	**11914**	**10021**	**9549**	**10599**	**9420**	**9423**	**13842**	**12171**	**11613**
36	**Total Surplus/Deficit**	**931**	**-283**	**212**	**227**	**1138**	**563**	**-788**	**-810**	**651**	**326**	**258**	**3892**	**2663**	**1538**

Federal Report Surplus Deficit

Operating Year: 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

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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**	1132	1132	1038	1001	664	796	547	817	925	949	949	1054	1101	1171
2	Federal Agencies	142	142	132	156	187	216	216	199	200	171	171	153	158	159
3	USBR Obligation	673	673	589	529	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	8775	8187	7718	8015	10117	10715	10627	9765	9237	8370	8344	8625	8103	8918
6	Load Following 2012 PSC	4248	4248	4076	4348	4875	5536	5490	5178	4719	4565	4565	4209	4198	4425
7	Slice Block 2012 PSC	1593	1593	1661	1736	2147	2387	2424	2243	2088	1746	1746	1526	1419	1671
8	Slice Right to Power 2012 PSC	2382	1855	1767	1743	2496	2574	2286	1917	2211	1920	1864	2789	2228	2412
9	Exports	1585	1585	1431	1647	1371	1372	1373	1501	1487	1370	1370	1430	1432	1451
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	288	285	283	283	145	143	143	9.00	9.00	9.00
11	Federal Diversity	-1042	-1103	-1225	-1468	-1060	-1440	-1229	-1357	-1414	-1375	-1345	-1339	-1183	-1050
12	**Total Firm Obligations**	**9907**	**9318**	**8756**	**9016**	**10781**	**11511**	**11174**	**10582**	**10162**	**9319**	**9293**	**9679**	**9204**	**10089**
	Net Resources														
13	**Net Hydro**	11464	9380	8912	9022	11650	11940	10767	9733	10806	9601	9368	14139	12032	11731
14	Regulated Hydro - Net	10996	8917	8373	8606	11255	11665	10522	9514	10443	8996	8750	13380	11233	11215
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1146	1146	1147	1152	1154	1157	1159	1158	1158	1157	1157	23.6	18.3	1151
17	Cogeneration Resources	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
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	471	458	614	665	689	918	679	670	677	653	651	366	604	387
24	Imports	176	176	72.3	72.3	78.2	305	73.2	73.2	73.2	56.9	56.9	11.0	1.00	41.0
25	Intra-Regional Transfers (In)	0	0	262	313	313	313	313	313	313	313	313	51.0	313	51.0
26	Non-Federal CER	238	238	238	238	238	238	238	238	238	237	237	237	237	237
27	Slice Transmission Loss Return	56.9	44.2	42.1	41.5	59.7	61.5	54.6	45.7	52.8	45.8	44.4	66.7	53.2	57.6
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-1991	-1862	-1850	-1887	-2095	-2226	-2138	-2058	-2085	-2005	-1981	-2095	-2010	-2114
30	Contingency Reserves (Spinning)	-357	-327	-314	-329	-390	-410	-389	-366	-361	-341	-337	-334	-322	-365
31	Contingency Reserves (Non-Spinning)	-357	-327	-314	-329	-390	-410	-389	-366	-361	-341	-337	-334	-322	-365
32	Load Following Reserves	-492	-492	-505	-507	-507	-533	-533	-533	-533	-533	-533	-533	-533	-533
33	Generation Imbalance Reserves	-400	-400	-411	-412	-412	-464	-464	-464	-464	-464	-454	-464	-464	-464
34	Transmission Losses	-384	-316	-306	-310	-395	-409	-363	-329	-366	-326	-319	-431	-369	-387
35	**Total Net Resources**	**11090**	**9122**	**8824**	**8953**	**11398**	**11790**	**10467**	**9502**	**10555**	**9406**	**9195**	**12433**	**10645**	**11155**
36	**Total Surplus/Deficit**	**1183**	**-196**	**68.2**	**-63.4**	**617**	**279**	**-707**	**-1080**	**394**	**86.6**	**-98.2**	**2754**	**1441**	**1066**

Federal Report Surplus Deficit

Operating Year: 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

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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**	1133	1133	1040	1001	667	799	548	811	927	950	950	1055	1102	1172
2	Federal Agencies	144	144	134	158	189	219	217	193	201	172	172	154	159	160
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	8847	8222	7737	7960	9966	10638	10624	9533	9057	8335	8298	8855	8319	8819
6	Load Following 2012 PSC	4311	4311	4134	4372	4901	5565	5528	5168	4750	4600	4600	4246	4237	4470
7	Slice Block 2012 PSC	1671	1671	1743	1684	2082	2315	2350	2100	2024	1693	1693	1481	1379	1621
8	Slice Right to Power 2012 PSC	2374	1815	1723	1747	2480	2573	2303	1909	2172	1919	1874	3127	2559	2402
9	Exports	1536	1536	1379	1611	1334	1335	1336	1464	1451	1334	1334	1317	1319	1353
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	283	282	282	283	144	143	143	9.00	9.00	9.00
11	Federal Diversity	-1054	-1120	-1251	-1463	-1114	-1433	-1176	-1391	-1484	-1354	-1346	-1325	-1183	-1036
12	**Total Firm Obligations**	**9980**	**9355**	**8776**	**8961**	**10632**	**11437**	**11172**	**10344**	**9983**	**9285**	**9248**	**9911**	**9421**	**9991**
	Net Resources														
13	**Net Hydro**	11554	9343	8875	9176	11717	11991	10883	9749	10709	9637	9459	14401	12316	11824
14	Regulated Hydro - Net	11086	8879	8337	8760	11323	11716	10638	9529	10345	9031	8841	13642	11517	11308
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1146	1146	1147	1152	1154	1157	1159	1158	1158	1135	1135	1135	1134	1133
17	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
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	506	492	632	633	666	900	662	652	659	652	651	363	611	345
24	Imports	161	161	41.0	41.0	57.1	289	57.1	57.1	57.1	57.1	57.1	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	51.0	51.0	313	313	313	313	313	313	313	313	313	51.0	313	51.0
26	Non-Federal CER	237	237	237	237	237	237	237	237	237	236	236	236	236	236
27	Slice Transmission Loss Return	56.7	43.3	41.1	41.5	59.1	61.4	54.9	45.4	51.7	45.6	44.6	74.7	61.0	57.2
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2134	-1997	-1984	-2031	-2233	-2291	-2207	-2121	-2148	-2057	-2046	-2301	-2285	-2274
30	Contingency Reserves (Spinning)	-358	-326	-313	-331	-391	-411	-391	-367	-360	-332	-329	-381	-358	-366
31	Contingency Reserves (Non-Spinning)	-358	-326	-313	-331	-391	-411	-391	-367	-360	-332	-329	-381	-358	-366
32	Load Following Reserves	-555	-555	-574	-576	-576	-576	-576	-576	-580	-580	-580	-580	-638	-638
33	Generation Imbalance Reserves	-478	-478	-484	-485	-485	-485	-485	-485	-488	-488	-488	-488	-522	-522
34	Transmission Losses	-384	-311	-301	-310	-392	-408	-364	-327	-360	-325	-319	-471	-408	-382
35	**Total Net Resources**	**11072**	**8984**	**8671**	**8930**	**11304**	**11758**	**10497**	**9438**	**10377**	**9366**	**9198**	**13598**	**11776**	**11028**
36	**Total Surplus/Deficit**	**1092**	**-371**	**-106**	**-31.0**	**672**	**322**	**-675**	**-906**	**394**	**81.0**	**-50.0**	**3687**	**2355**	**1037**

Federal Report Surplus Deficit

Operating Year: 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1134	1134	1041	1002	668	801	563	832	941	964	964	1068	1116	1185
2	Federal Agencies	146	146	135	160	191	220	232	215	215	186	186	167	173	173
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	8724	7995	7662	8037	9962	10697	10678	9691	9071	8454	8346	8564	8086	8916
6	Load Following 2012 PSC	4353	4353	4170	4413	4943	5616	5574	5262	4789	4643	4643	4292	4286	4524
7	Slice Block 2012 PSC	1621	1621	1690	1721	2128	2366	2403	2224	2070	1730	1730	1513	1409	1657
8	Slice Right to Power 2012 PSC	2366	1802	1724	1761	2470	2571	2288	1888	2153	1922	1862	2789	2247	2406
9	Exports	1474	1474	1317	1549	1319	1320	1321	1449	1436	1318	1318	1317	1319	1353
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	286	284	287	282	144	143	143	9.00	9.00	9.00
11	Federal Diversity	-1101	-1265	-1248	-1416	-1185	-1461	-1195	-1414	-1520	-1303	-1351	-1356	-1183	-1033
12	**Total Firm Obligations**	**9858**	**9129**	**8703**	**9038**	**10631**	**11498**	**11241**	**10523**	**10012**	**9418**	**9310**	**9633**	**9202**	**10101**
	Net Resources														
13	**Net Hydro**	11652	9414	8975	9338	11856	12162	11009	9845	10813	9801	9566	14270	12281	11946
14	Regulated Hydro - Net	11183	8950	8436	8922	11462	11887	10764	9626	10449	9195	8948	13510	11482	11430
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	4.58	4.09	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	464	451	591	592	609	843	605	595	601	594	592	353	602	343
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	51.0	51.0	313	313	313	313	313	313	313	313	313	51.0	313	51.0
26	Non-Federal CER	236	236	236	236	236	236	236	236	236	234	234	234	234	234
27	Slice Transmission Loss Return	56.4	42.8	40.9	41.8	58.9	61.3	54.5	44.9	51.3	45.7	44.3	66.6	53.5	57.3
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2260	-2122	-2087	-2137	-2337	-2397	-2311	-2224	-2247	-2161	-2147	-2287	-2271	-2372
30	Contingency Reserves (Spinning)	-360	-327	-314	-333	-393	-414	-393	-369	-362	-335	-331	-346	-325	-368
31	Contingency Reserves (Non-Spinning)	-360	-327	-314	-333	-393	-414	-393	-369	-362	-335	-331	-346	-325	-368
32	Load Following Reserves	-638	-638	-638	-639	-639	-639	-639	-639	-642	-642	-642	-642	-686	-686
33	Generation Imbalance Reserves	-522	-522	-522	-523	-523	-523	-523	-523	-525	-525	-525	-525	-567	-567
34	Transmission Losses	-381	-308	-298	-309	-390	-407	-362	-324	-357	-325	-317	-428	-368	-383
35	**Total Net Resources**	**10990**	**8877**	**8611**	**8927**	**11262**	**11744**	**10438**	**9351**	**10301**	**9368**	**9147**	**12340**	**10616**	**11051**
36	**Total Surplus/Deficit**	**1132**	**-253**	**-91.7**	**-112**	**632**	**246**	**-803**	**-1172**	**289**	**-49.8**	**-164**	**2707**	**1414**	**950**

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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**	1147	1147	1054	1014	679	813	569	838	946	969	969	1073	1121	1190
2	Federal Agencies	159	159	148	172	202	233	238	220	221	191	191	172	178	178
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	8829	8056	7733	8007	9943	10768	10645	9709	9123	8481	8378	8935	8443	8944
6	Load Following 2012 PSC	4405	4405	4215	4457	4989	5670	5627	5309	4833	4691	4691	4341	4334	4579
7	Slice Block 2012 PSC	1657	1657	1727	1688	2089	2322	2359	2183	2031	1697	1697	1484	1382	1626
8	Slice Right to Power 2012 PSC	2357	1804	1724	1767	2472	2592	2294	1898	2166	1926	1875	3100	2606	2408
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	287	284	283	282	144	143	143	9.00	9.00	9.00
11	Federal Diversity	-1090	-1311	-1277	-1481	-1231	-1438	-1256	-1430	-1505	-1313	-1364	-1333	-1225	-1048
12	**Total Firm Obligations**	**9977**	**9203**	**8787**	**9021**	**10622**	**11581**	**11214**	**10546**	**10069**	**9449**	**9347**	**10009**	**9564**	**10134**
	Net Resources														
13	**Net Hydro**	11740	9544	9095	9436	11943	12322	11105	9958	10932	9909	9706	14542	12678	12026
14	Regulated Hydro - Net	11271	9080	8556	9020	11548	12046	10860	9739	10569	9303	9088	13783	11879	11510
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	1135	1134	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	462	449	458	459	476	711	471	462	468	461	459	358	477	341
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	51.0	51.0	182	182	182	182	182	182	182	182	182	51.0	182	51.0
26	Non-Federal CER	234	234	234	234	234	234	234	234	234	232	232	232	232	232
27	Slice Transmission Loss Return	56.2	42.9	41.0	41.7	58.7	61.5	54.4	44.9	51.3	45.5	44.3	73.8	61.9	57.1
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2356	-2220	-2180	-2228	-2428	-2492	-2401	-2315	-2335	-2267	-2254	-2544	-2474	-2458
30	Contingency Reserves (Spinning)	-361	-329	-316	-335	-394	-417	-395	-371	-364	-346	-343	-373	-364	-370
31	Contingency Reserves (Non-Spinning)	-361	-329	-316	-335	-394	-417	-395	-371	-364	-346	-343	-373	-364	-370
32	Load Following Reserves	-686	-686	-686	-687	-687	-687	-687	-687	-687	-687	-687	-719	-721	-721
33	Generation Imbalance Reserves	-567	-567	-567	-567	-567	-567	-567	-567	-567	-567	-567	-612	-614	-614
34	Transmission Losses	-381	-309	-295	-305	-386	-405	-357	-320	-354	-320	-314	-468	-410	-383
35	**Total Net Resources**	**10980**	**8906**	**8506**	**8801**	**11125**	**11675**	**10310**	**9239**	**10200**	**9237**	**9046**	**13491**	**11815**	**11042**
36	**Total Surplus/Deficit**	**1003**	**-296**	**-281**	**-220**	**503**	**94.4**	**-904**	**-1307**	**131**	**-213**	**-301**	**3482**	**2251**	**908**

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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**	1152	1152	1059	1018	683	817	573	844	950	973	973	1077	1125	1194
2	Federal Agencies	164	164	153	176	206	237	242	226	225	195	195	177	182	182
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	8849	8059	7825	8010	9839	10663	10506	9599	9147	8408	8257	8675	8256	9012
6	Load Following 2012 PSC	4458	4458	4263	4501	5035	5724	5680	5350	4878	4739	4739	4390	4385	4636
7	Slice Block 2012 PSC	1626	1626	1695	1724	2134	2372	2409	2230	2075	1733	1733	1516	1412	1660
8	Slice Right to Power 2012 PSC	2364	1811	1742	1756	2541	2668	2362	1975	2199	1951	1902	2781	2282	2401
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00
11	Federal Diversity	-1100	-1336	-1219	-1547	-1224	-1455	-1300	-1438	-1466	-1360	-1462	-1355	-1167	-1065
12	**Total Firm Obligations**	**10001**	**9211**	**8883**	**9028**	**10522**	**11480**	**11079**	**10443**	**10098**	**9381**	**9230**	**9753**	**9382**	**10206**
	Net Resources														
13	**Net Hydro**	11835	9634	9228	9494	12034	12442	11197	10084	11033	9974	9781	14409	12519	12059
14	Regulated Hydro - Net	11366	9170	8689	9078	11639	12167	10951	9864	10669	9369	9163	13650	11719	11543
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	4.58	4.09	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	460	447	456	456	475	710	471	462	467	459	458	348	467	339
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	51.0	51.0	182	182	182	182	182	182	182	182	182	51.0	182	51.0
26	Non-Federal CER	232	232	232	232	232	232	232	232	232	230	230	230	230	230
27	Slice Transmission Loss Return	56.1	42.8	41.1	41.4	60.3	63.4	56.0	46.7	52.1	46.1	45.0	66.1	54.1	57.0
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2454	-2318	-2280	-2323	-2524	-2591	-2498	-2414	-2440	-2370	-2358	-2462	-2385	-2508
30	Contingency Reserves (Spinning)	-363	-331	-318	-336	-396	-419	-397	-373	-365	-348	-345	-340	-330	-372
31	Contingency Reserves (Non-Spinning)	-363	-331	-318	-336	-396	-419	-397	-373	-365	-348	-345	-340	-330	-372
32	Load Following Reserves	-726	-726	-726	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
33	Generation Imbalance Reserves	-622	-622	-622	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
34	Transmission Losses	-380	-308	-296	-304	-385	-405	-357	-321	-353	-319	-312	-426	-368	-382
35	**Total Net Resources**	**10975**	**8896**	**8537**	**8762**	**11119**	**11697**	**10304**	**9266**	**10195**	**9198**	**9015**	**12301**	**10605**	**11023**
36	**Total Surplus/Deficit**	**973**	**-314**	**-347**	**-266**	**597**	**217**	**-775**	**-1177**	**97.0**	**-183**	**-215**	**2548**	**1223**	**817**

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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**	1156	1156	1063	1022	686	821	577	838	953	976	976	1080	1128	1197
2	Federal Agencies	168	168	157	180	209	241	246	220	228	198	198	179	185	185
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	8943	8099	7893	8019	9873	10682	10522	9465	9164	8422	8226	9026	8529	9045
6	Load Following 2012 PSC	4512	4512	4312	4554	5090	5786	5733	5354	4923	4788	4788	4441	4438	4696
7	Slice Block 2012 PSC	1660	1660	1731	1695	2097	2331	2368	2116	2039	1703	1703	1490	1387	1632
8	Slice Right to Power 2012 PSC	2360	1810	1742	1756	2549	2674	2369	1980	2210	1950	1902	3114	2605	2404
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00
11	Federal Diversity	-1090	-1384	-1235	-1561	-1215	-1463	-1302	-1467	-1471	-1365	-1511	-1363	-1247	-1066
12	**Total Firm Obligations**	**10099**	**9255**	**8956**	**9041**	**10559**	**11503**	**11099**	**10303**	**10117**	**9397**	**9202**	**10106**	**9657**	**10242**
	Net Resources														
13	**Net Hydro**	11864	9678	9267	9491	12058	12465	11222	10100	11073	9969	9776	14637	12701	12072
14	Regulated Hydro - Net	11395	9214	8728	9075	11664	12190	10977	9880	10709	9363	9158	13877	11901	11555
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	1135	1134	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	458	445	323	272	292	527	286	277	282	275	274	303	291	286
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	51.0	51.0	51.0	0	0	0	0	0	0	0	0	0	0	0
26	Non-Federal CER	230	230	230	230	230	230	229	229	229	228	228	228	228	228
27	Slice Transmission Loss Return	56.0	42.8	41.1	41.4	60.5	63.5	56.2	46.8	52.4	46.1	45.0	74.1	61.9	57.0
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2492	-2357	-2314	-2319	-2523	-2589	-2497	-2411	-2439	-2366	-2354	-2579	-2495	-2510
30	Contingency Reserves (Spinning)	-365	-333	-320	-337	-398	-421	-399	-374	-367	-349	-346	-377	-368	-373
31	Contingency Reserves (Non-Spinning)	-365	-333	-320	-337	-398	-421	-399	-374	-367	-349	-346	-377	-368	-373
32	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
33	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
34	Transmission Losses	-380	-308	-291	-297	-380	-400	-352	-315	-348	-312	-306	-468	-403	-381
35	**Total Net Resources**	**10963**	**8899**	**8409**	**8578**	**10962**	**11537**	**10146**	**9101**	**10051**	**9013**	**8830**	**13496**	**11631**	**10981**
36	**Total Surplus/Deficit**	**864**	**-356**	**-547**	**-463**	**402**	**33.6**	**-953**	**-1202**	**-66.2**	**-385**	**-372**	**3390**	**1974**	**739**

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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**	1159	1159	1065	1025	689	824	579	847	956	977	977	1082	1130	1199
2	Federal Agencies	170	170	160	182	211	244	248	230	230	200	200	181	187	187
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9056	8197	7803	8046	9940	10620	10684	9660	9130	8478	8231	8830	8227	9050
6	Load Following 2012 PSC	4569	4569	4364	4599	5137	5838	5791	5465	4976	4844	4844	4500	4500	4764
7	Slice Block 2012 PSC	1632	1632	1702	1685	2085	2318	2355	2179	2028	1694	1694	1481	1379	1623
8	Slice Right to Power 2012 PSC	2364	1823	1731	1757	2554	2659	2396	1977	2202	1953	1902	2829	2298	2397
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00
11	Federal Diversity	-1010	-1328	-1337	-1571	-1189	-1548	-1212	-1445	-1538	-1357	-1554	-1324	-1295	-1112
12	**Total Firm Obligations**	**10214**	**9355**	**8868**	**9071**	**10628**	**11444**	**11263**	**10507**	**10085**	**9455**	**9208**	**9912**	**9357**	**10249**
	Net Resources														
13	**Net Hydro**	11878	9730	9224	9508	12091	12396	11316	10080	11029	9966	9767	14592	12568	12029
14	Regulated Hydro - Net	11409	9266	8685	9092	11696	12121	11070	9861	10666	9361	9149	13833	11768	11513
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	4.58	4.09	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	405	392	270	270	290	524	286	276	281	275	274	296	283	286
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Non-Federal CER	228	228	228	228	228	228	228	228	228	228	228	228	228	228
27	Slice Transmission Loss Return	56.1	43.1	40.8	41.5	60.6	63.2	56.8	46.8	52.2	46.2	45.0	67.3	54.5	56.9
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2495	-2362	-2313	-2323	-2528	-2569	-2485	-2393	-2418	-2348	-2336	-2458	-2368	-2490
30	Contingency Reserves (Spinning)	-367	-335	-321	-339	-400	-412	-391	-365	-357	-340	-337	-336	-324	-364
31	Contingency Reserves (Non-Spinning)	-367	-335	-321	-339	-400	-412	-391	-365	-357	-340	-337	-336	-324	-364
32	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
33	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
34	Transmission Losses	-379	-308	-288	-298	-381	-398	-355	-315	-348	-313	-306	-431	-364	-380
35	**Total Net Resources**	**10922**	**8894**	**8314**	**8590**	**10987**	**11486**	**10251**	**9097**	**10027**	**9028**	**8839**	**12435**	**10488**	**10958**
36	**Total Surplus/Deficit**	**708**	**-462**	**-554**	**-481**	**359**	**41.5**	**-1012**	**-1410**	**-58.3**	**-428**	**-369**	**2523**	**1130**	**709**

Federal Report Surplus Deficit

Operating Year: 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1160	1160	1067	1027	690	826	581	849	957	979	979	1083	1131	1200
2	Federal Agencies	172	172	161	184	213	246	250	232	232	201	201	182	188	188
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9088	8229	7853	8176	9954	10754	10681	9683	9160	8500	8232	9130	8557	9130
6	Load Following 2012 PSC	4635	4635	4425	4669	5208	5915	5842	5510	5019	4888	4888	4542	4541	4808
7	Slice Block 2012 PSC	1623	1623	1692	1686	2087	2320	2356	2181	2029	1695	1695	1482	1380	1624
8	Slice Right to Power 2012 PSC	2359	1821	1730	1751	2543	2667	2362	1973	2205	1947	1898	3112	2602	2400
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00
11	Federal Diversity	-1030	-1350	-1339	-1506	-1237	-1502	-1234	-1463	-1555	-1374	-1593	-1349	-1311	-1082
12	**Total Firm Obligations**	**10249**	**9390**	**8920**	**9202**	**10644**	**11580**	**11262**	**10532**	**10118**	**9479**	**9211**	**10214**	**9688**	**10330**
	Net Resources														
13	**Net Hydro**	11850	9709	9211	9461	12026	12429	11184	10064	11042	9943	9749	14636	12675	12043
14	Regulated Hydro - Net	11382	9245	8672	9059	11648	12175	10961	9866	10693	9347	9141	13883	11885	11539
15	Independent Hydro - Net	469	464	539	403	378	254	223	199	349	596	608	753	789	504
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	1135	1134	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	405	392	270	270	289	524	285	276	281	275	274	303	291	286
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Non-Federal CER	228	228	228	228	228	228	228	228	228	228	228	228	228	228
27	Slice Transmission Loss Return	56.0	43.0	40.8	41.3	60.4	63.4	56.0	46.7	52.3	46.0	44.9	74.0	61.8	56.9
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2476	-2343	-2294	-2303	-2506	-2573	-2480	-2395	-2422	-2349	-2337	-2584	-2478	-2494
30	Contingency Reserves (Spinning)	-357	-326	-311	-329	-390	-413	-391	-366	-359	-341	-338	-380	-360	-365
31	Contingency Reserves (Non-Spinning)	-357	-326	-311	-329	-390	-413	-391	-366	-359	-341	-338	-380	-360	-365
32	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
33	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
34	Transmission Losses	-378	-308	-288	-297	-379	-399	-351	-315	-348	-312	-306	-468	-403	-380
35	**Total Net Resources**	**10913**	**8891**	**8319**	**8563**	**10944**	**11514**	**10124**	**9079**	**10036**	**9003**	**8821**	**13489**	**11621**	**10968**
36	**Total Surplus/Deficit**	**664**	**-498**	**-601**	**-639**	**300**	**-66.0**	**-1138**	**-1453**	**-81.5**	**-476**	**-391**	**3276**	**1933**	**639**

Federal Report Surplus Deficit

Operating Year: 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1161	1161	1068	1028	692	828	582	852	953	980	980	1085	1133	1201
2	Federal Agencies	173	173	162	186	214	248	252	235	228	202	202	184	190	190
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9021	8145	7873	8207	9995	10764	10740	9695	9180	8608	8303	8793	8269	9145
6	Load Following 2012 PSC	4678	4678	4466	4714	5257	5972	5885	5543	5056	4925	4925	4578	4578	4848
7	Slice Block 2012 PSC	1624	1624	1693	1686	2087	2320	2356	2181	2029	1695	1695	1482	1380	1624
8	Slice Right to Power 2012 PSC	2359	1819	1726	1753	2549	2653	2389	1971	2198	1949	1899	2827	2295	2393
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00
11	Federal Diversity	-1141	-1477	-1356	-1522	-1250	-1534	-1245	-1482	-1565	-1307	-1561	-1438	-1329	-1099
12	**Total Firm Obligations**	**10183**	**9306**	**8941**	**9235**	**10687**	**11592**	**11323**	**10548**	**10133**	**9588**	**9283**	**9878**	**9402**	**10346**
	Net Resources														
13	**Net Hydro**	11853	9705	9197	9478	12058	12380	11299	10064	11020	9941	9741	14610	12562	12022
14	Regulated Hydro - Net	11394	9251	8668	9076	11680	12125	11076	9865	10670	9345	9133	13858	11773	11518
15	Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	4.58	4.09	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	405	392	270	270	290	524	286	276	281	275	274	296	283	286
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Non-Federal CER	228	228	228	228	228	228	228	228	228	228	228	228	228	228
27	Slice Transmission Loss Return	56.0	43.0	40.7	41.4	60.5	63.0	56.7	46.6	52.1	46.1	44.9	67.2	54.4	56.8
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2479	-2346	-2296	-2306	-2511	-2573	-2490	-2397	-2422	-2333	-2320	-2483	-2372	-2495
30	Contingency Reserves (Spinning)	-359	-327	-313	-330	-391	-414	-394	-367	-360	-332	-329	-348	-326	-366
31	Contingency Reserves (Non-Spinning)	-359	-327	-313	-330	-391	-414	-394	-367	-360	-332	-329	-348	-326	-366
32	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
33	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
34	Transmission Losses	-378	-308	-288	-297	-380	-397	-355	-315	-347	-313	-306	-431	-363	-379
35	**Total Net Resources**	**10912**	**8884**	**8303**	**8577**	**10971**	**11465**	**10230**	**9077**	**10013**	**9018**	**8830**	**12428**	**10478**	**10946**
36	**Total Surplus/Deficit**	**730**	**-422**	**-637**	**-658**	**284**	**-127**	**-1093**	**-1470**	**-120**	**-570**	**-453**	**2550**	**1076**	**600**

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Exhibit 13
Regional Report Surplus Deficit

Monthly 120-Hour Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Regional Report Surplus Deficit

Operating Year: 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	29140	29140	26271	27116	30166	33313	33182	31497	28856	27339	27339	25709	28488	30521
2	Federal Agency	152	152	142	166	193	222	221	204	205	181	181	163	167	169
3	USBR	671	671	589	529	162	264	14.9	301	409	462	462	585	627	696
4	Cooperative	2595	2595	2428	2486	2720	3156	3119	2923	2667	2640	2640	2570	2619	2763
5	Municipality	3375	3375	3248	3743	4302	4603	4591	4421	3978	3781	3781	3282	3343	3527
6	Public Utility District	5469	5469	5210	5825	6782	7528	7336	6946	6211	5972	5972	5415	5406	5689
7	Investor-Owned Utility	15975	15975	13771	13485	15120	16643	16995	15810	14499	13429	13429	12819	15433	16766
8	Marketer	440	440	420	419	424	435	443	430	424	412	412	413	431	449
9	Direct-Service Industry	463	463	463	463	463	463	463	463	463	463	463	463	463	463
10	**Exports**	2398	2398	2243	2077	1714	1713	1713	1842	1831	1713	1721	1688	2193	2229
11	Canada	1463	1463	1311	1543	1311	1311	1311	1440	1427	1311	1311	1311	1311	1345
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	915	915	915	517	384	381	381	381	384	384	392	360	864	864
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1105	-1138	-1168	-1498	-1140	-1379	-1224	-1358	-1410	-1390	-1320	-1307	-1150	-1046
17		-1105	-1138	-1168	-1498	-1140	-1379	-1224	-1358	-1410	-1390	-1320	-1307	-1150	-1046
18	**Total Firm Loads**	**30433**	**30400**	**27347**	**27696**	**30740**	**33646**	**33672**	**31981**	**29276**	**27662**	**27740**	**26090**	**29532**	**31704**
	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**	21484	19961	19708	19236	21915	22147	20631	19624	20675	19355	19323	25122	23825	23144
30	Regulated Hydro - Net	19976	18454	18129	17725	20450	20756	19295	18379	19171	17566	17518	23132	21787	21517
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16397	16396	16409	16490	16578	16646	16650	16610	15924	16015	15014	13069	15786	16468
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5665	5748	5876	5940	5949	5904	5853	5707	5707	4623	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	6726	6196	5062	7090	7244
36	Renewable Resources	126	126	126	126	126	127	126	127	125	125	125	125	125	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	84.1	84.4	83.5	83.6	83.9	85.0	85.4	85.1	83.7	83.8	83.5	85.7	83.5	82.8
39	**Imports**	1414	1414	1186	1313	1743	2127	1866	1895	1472	1272	1272	1256	1497	1638
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	391	391	371	370	413	474	468	466	417	360	360	363	395	408
42	Inland Southwest	701	701	598	547	549	627	573	571	546	519	519	559	778	851
43	Pacific Southwest	55.0	55.0	71.3	71.3	502	493	493	493	118	67.9	67.9	10.00	0	55.0
44	Other	0	0	0	177	177	177	177	177	177	177	177	177	177	177
45	**Reserves & Losses**	-3921	-3827	-3721	-3697	-3980	-4101	-3997	-3887	-3822	-3698	-3648	-3827	-4012	-4071
46	Contingency Reserves (Non-Spinning)	-898	-876	-830	-839	-930	-981	-958	-918	-886	-846	-839	-865	-917	-945
47	Contingency Reserves (Spinning)	-898	-876	-830	-839	-930	-981	-958	-918	-886	-846	-839	-865	-917	-945

Regional Report Surplus Deficit

Operating Year: 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-411	-411	-411	-385	-385	-385	-385	-385	-385	-385	-385	-385	-400	-400
49	Load Following Reserves	-486	-486	-486	-478	-478	-478	-478	-478	-478	-478	-478	-478	-492	-492
50	Transmission Losses	-1226	-1177	-1164	-1156	-1257	-1276	-1218	-1187	-1187	-1142	-1108	-1235	-1286	-1289
51	**Total Resources**	**35374**	**33944**	**33582**	**33343**	**36256**	**36819**	**35150**	**34243**	**34249**	**32943**	**31960**	**35620**	**37095**	**37178**
52	**Total Surplus/Deficit**	**4940**	**3544**	**6221**	**5647**	**5515**	**3172**	**1475**	**2239**	**4919**	**5248**	**4186**	**9530**	**7563**	**5474**

Regional Report Surplus Deficit

Operating Year: 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	30030	30030	26935	27720	30789	33978	33859	32118	29399	27848	27848	26217	29094	31188
2	Federal Agency	154	154	144	168	195	224	224	208	208	183	183	165	170	171
3	USBR	673	673	589	529	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2655	2655	2483	2535	2768	3204	3165	2962	2709	2685	2685	2617	2669	2818
5	Municipality	3506	3506	3320	3774	4335	4637	4622	4451	4007	3810	3810	3310	3372	3557
6	Public Utility District	5629	5629	5306	5885	6848	7590	7396	7004	6271	6030	6030	5473	5474	5764
7	Investor-Owned Utility	16509	16509	14207	13901	15549	17116	17484	16253	14861	13758	13758	13143	15840	17224
8	Marketer	442	442	422	420	425	436	445	432	426	413	413	415	434	451
9	Direct-Service Industry	463	463	463	508	508	508	508	508	508	508	508	508	508	508
10	**Exports**	2378	2378	2224	2109	1746	1745	1595	1724	1713	1595	1603	1570	2075	2094
11	Canada	1495	1495	1343	1575	1343	1343	1343	1472	1459	1343	1343	1343	1343	1376
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	864	864	864	517	384	381	231	231	234	234	242	210	714	698
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1042	-1103	-1225	-1468	-1060	-1440	-1229	-1357	-1414	-1375	-1345	-1339	-1183	-1050
17		-1042	-1103	-1225	-1468	-1060	-1440	-1229	-1357	-1414	-1375	-1345	-1339	-1183	-1050
18	**Total Firm Loads**	**31367**	**31305**	**27933**	**28361**	**31475**	**34282**	**34225**	**32485**	**29698**	**28068**	**28106**	**26447**	**29986**	**32232**
	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**	21702	19907	19174	18804	21978	22299	21375	19937	20950	19534	19273	24765	23353	22727
30	Regulated Hydro - Net	20193	18400	17595	17294	20514	20907	20040	18693	19446	17745	17469	22775	21315	21100
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16397	16396	16382	16527	16578	16649	16651	16611	15925	16533	16062	12623	14601	16468
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5637	5784	5876	5942	5949	5904	5853	5707	5707	4623	5066	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	7244	7244	4616	5960	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	84.1	84.4	83.5	83.6	83.9	85.0	85.4	85.1	83.7	83.8	83.5	85.7	83.5	82.8
39	**Imports**	1612	1612	1379	1635	2037	2447	2185	2215	1791	1589	1589	1575	1822	1950
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	393	393	372	372	415	476	470	468	420	362	362	365	398	411
42	Inland Southwest	720	720	612	557	556	635	580	578	553	525	525	566	791	865
43	Pacific Southwest	55.0	55.0	71.3	71.3	477	493	493	493	118	67.9	67.9	10.00	0	40.0
44	Other	177	177	177	487	487	487	487	487	487	487	487	487	487	487
45	**Reserves & Losses**	-3961	-3850	-3729	-3753	-4064	-4266	-4198	-4060	-3991	-3877	-3822	-3877	-4005	-4174
46	Contingency Reserves (Non-Spinning)	-915	-889	-831	-841	-939	-991	-977	-930	-896	-854	-844	-832	-884	-948
47	Contingency Reserves (Spinning)	-915	-889	-831	-841	-939	-991	-977	-930	-896	-854	-844	-832	-884	-948

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Operating Year: 2015 Water Year: 1937

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-400	-400	-411	-412	-412	-464	-464	-464	-464	-464	-454	-464	-464	-464
49	Load Following Reserves	-492	-492	-505	-507	-507	-533	-533	-533	-533	-533	-533	-533	-533	-533
50	Transmission Losses	-1239	-1181	-1151	-1151	-1266	-1287	-1248	-1203	-1202	-1171	-1147	-1216	-1240	-1281
51	**Total Resources**	**35750**	**34065**	**33206**	**33213**	**36530**	**37128**	**36013**	**34703**	**34675**	**33780**	**33103**	**35086**	**35771**	**36972**
52	**Total Surplus/Deficit**	**4383**	**2760**	**5258**	**4852**	**5054**	**2846**	**1784**	**2194**	**4923**	**5678**	**4963**	**8639**	**5785**	**4739**

Regional Report Surplus Deficit

Operating Year: 2016 Water Year: 1937

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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**	30651	30651	27464	28204	31300	34518	34419	32574	29892	28316	28316	26687	29636	31771
2	Federal Agency	156	156	146	170	197	227	225	201	209	184	184	166	171	172
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2707	2707	2532	2580	2812	3248	3224	3003	2762	2742	2742	2678	2731	2885
5	Municipality	3536	3536	3349	3802	4366	4669	4649	4455	4033	3836	3836	3336	3400	3584
6	Public Utility District	5703	5703	5372	5952	6917	7659	7465	7044	6329	6087	6087	5537	5520	5823
7	Investor-Owned Utility	16925	16925	14544	14200	15866	17460	17842	16584	15170	14038	14038	13417	16199	17604
8	Marketer	444	444	424	421	427	438	446	433	427	414	414	416	436	454
9	Direct-Service Industry	508	508	508	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2179	2179	2022	1923	1560	1558	1559	1687	1676	1559	1567	1406	1912	1946
11	Canada	1461	1461	1307	1539	1307	1307	1307	1436	1423	1307	1307	1307	1307	1339
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	698	698	698	367	234	231	231	231	234	234	242	82.6	586	586
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1054	-1120	-1251	-1463	-1114	-1433	-1176	-1391	-1484	-1354	-1346	-1325	-1183	-1036
17		-1054	-1120	-1251	-1463	-1114	-1433	-1176	-1391	-1484	-1354	-1346	-1325	-1183	-1036
18	**Total Firm Loads**	**31776**	**31710**	**28235**	**28664**	**31745**	**34643**	**34803**	**32870**	**30085**	**28521**	**28536**	**26769**	**30365**	**32681**
	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**	21807	19884	19214	18958	22046	22350	21492	19953	20853	19569	19364	25027	23637	22820
30	Regulated Hydro - Net	20299	18376	17635	17447	20581	20958	20156	18708	19349	17781	17559	23037	21599	21193
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16397	16396	16410	16491	16578	16649	16651	16611	15925	14566	14037	14326	15889	16468
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	2574	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5665	5748	5876	5942	5949	5904	5853	5622	5622	4573	5071	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	5834	5304	6416	7244	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	79.0	79.0	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	84.1	84.4	83.5	83.6	83.9	85.0	85.4	85.1	83.7	83.8	83.5	85.7	83.5	82.8
39	**Imports**	1921	1921	1667	1536	1874	2289	2027	2055	1709	1523	1523	1497	1761	1849
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	396	396	375	375	417	479	473	469	422	365	365	367	401	415
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	381	402	402	402	102	68.1	68.1	0	0	0
44	Other	487	487	487	413	413	413	413	413	413	413	413	413	413	413
45	**Reserves & Losses**	-4128	-4009	-3891	-3904	-4210	-4339	-4276	-4129	-4063	-3856	-3826	-4107	-4296	-4346
46	Contingency Reserves (Non-Spinning)	-923	-895	-838	-848	-946	-999	-986	-937	-901	-843	-840	-883	-927	-955
47	Contingency Reserves (Spinning)	-923	-895	-838	-848	-946	-999	-986	-937	-901	-843	-840	-883	-927	-955

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-478	-478	-484	-485	-485	-485	-485	-485	-488	-488	-488	-488	-522	-522
49	Load Following Reserves	-555	-555	-574	-576	-576	-576	-576	-576	-580	-580	-580	-580	-638	-638
50	Transmission Losses	-1248	-1185	-1158	-1147	-1258	-1281	-1244	-1195	-1193	-1102	-1078	-1274	-1282	-1275
51	**Total Resources**	**35997**	**34191**	**33399**	**33082**	**36288**	**36948**	**35894**	**34490**	**34424**	**31803**	**31099**	**36744**	**36990**	**36792**
52	**Total Surplus/Deficit**	**4220**	**2481**	**5150**	**4418**	**4542**	**2305**	**1087**	**1597**	**4285**	**3248**	**2528**	**9975**	**6626**	**4111**

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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**	31226	31226	27929	28613	31725	35000	34914	33082	30305	28720	28720	27094	30133	32316
2	Federal Agency	157	157	147	171	199	229	240	223	223	198	198	179	185	185
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2771	2771	2590	2634	2867	3310	3283	3080	2815	2800	2800	2739	2794	2953
5	Municipality	3564	3564	3375	3831	4399	4702	4680	4508	4061	3865	3865	3365	3430	3615
6	Public Utility District	5760	5760	5414	6006	6957	7717	7520	7107	6376	6141	6141	5590	5578	5886
7	Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973
8	Marketer	447	447	426	423	428	440	448	435	429	416	416	418	438	456
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2068	2068	1911	1811	1545	1543	1544	1672	1661	1544	1552	1406	1912	1946
11	Canada	1461	1461	1307	1539	1307	1307	1307	1436	1423	1307	1307	1307	1307	1339
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	586	586	586	255	219	216	216	216	219	219	226	82.6	586	586
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1101	-1265	-1248	-1416	-1185	-1461	-1195	-1414	-1520	-1303	-1351	-1356	-1183	-1033
17		-1101	-1265	-1248	-1416	-1185	-1461	-1195	-1414	-1520	-1303	-1351	-1356	-1183	-1033
18	**Total Firm Loads**	**32193**	**32029**	**28592**	**29008**	**32085**	**35083**	**35263**	**33340**	**30446**	**28961**	**28921**	**27145**	**30862**	**33230**
	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**	21904	19955	19313	19120	22185	22521	21618	20049	20957	19733	19472	24896	23602	22943
30	Regulated Hydro - Net	20396	18448	17734	17609	20721	21130	20282	18805	19453	17944	17667	22906	21564	21315
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16397	16396	16406	16465	16576	16644	16650	16610	15924	15344	14873	13138	14656	16467
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5661	5722	5874	5938	5949	5904	5853	5707	5707	4623	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	6056	6056	5132	5960	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	126	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	84.1	84.4	83.5	83.6	83.9	85.0	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	1818	1818	1562	1722	2043	2459	2196	2226	1879	1692	1692	1723	1992	2081
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	399	399	378	377	420	481	475	473	424	367	367	369	404	418
42	Inland Southwest	739	739	624	565	563	643	587	586	562	533	533	574	808	884
43	Pacific Southwest	0	0	0	0	325	346	346	346	46.0	12.0	12.0	0	0	0
44	Other	413	413	413	633	633	633	633	633	633	633	633	633	633	633
45	**Reserves & Losses**	-4266	-4146	-4003	-4025	-4332	-4464	-4398	-4250	-4179	-4018	-3973	-4110	-4299	-4463
46	Contingency Reserves (Non-Spinning)	-931	-903	-845	-855	-953	-1007	-993	-944	-907	-858	-847	-854	-900	-963
47	Contingency Reserves (Spinning)	-931	-903	-845	-855	-953	-1007	-993	-944	-907	-858	-847	-854	-900	-963

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-522	-522	-522	-523	-523	-523	-523	-523	-525	-525	-525	-525	-567	-567
49	Load Following Reserves	-638	-638	-638	-639	-639	-639	-639	-639	-642	-642	-642	-642	-686	-686
50	Transmission Losses	-1243	-1179	-1153	-1154	-1264	-1288	-1250	-1200	-1199	-1135	-1111	-1236	-1246	-1283
51	**Total Resources**	**35854**	**34024**	**33277**	**33283**	**36472**	**37160**	**36065**	**34635**	**34580**	**32751**	**32064**	**35648**	**35950**	**37028**
52	**Total Surplus/Deficit**	**3661**	**1995**	**4671**	**4275**	**4388**	**2077**	**798**	**1272**	**4080**	**3756**	**3109**	**8503**	**5089**	**3798**

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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**	31758	31758	28367	28997	32128	35441	35359	33492	30681	29094	29094	27470	30578	32801
2	Federal Agency	171	171	160	183	210	241	246	228	229	203	203	184	190	190
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2837	2837	2650	2689	2921	3372	3345	3137	2870	2859	2859	2799	2854	3019
5	Municipality	3595	3595	3405	3856	4427	4730	4707	4536	4087	3891	3891	3390	3456	3642
6	Public Utility District	5823	5823	5472	6071	7018	7785	7586	7170	6434	6206	6206	5654	5641	5952
7	Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292
8	Marketer	448	448	427	424	430	441	450	436	430	417	417	419	440	458
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2065	2065	1908	1809	1542	1543	1544	1672	1659	1541	1549	1404	1850	1884
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	567	567	567	236	199	199	199	199	199	199	207	62.8	507	507
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1090	-1311	-1277	-1481	-1231	-1438	-1256	-1430	-1505	-1313	-1364	-1333	-1225	-1048
17		-1090	-1311	-1277	-1481	-1231	-1438	-1256	-1430	-1505	-1313	-1364	-1333	-1225	-1048
18	**Total Firm Loads**	**32734**	**32513**	**28998**	**29325**	**32440**	**35547**	**35647**	**33734**	**30835**	**29323**	**29279**	**27541**	**31202**	**33637**
	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**	21992	20085	19433	19219	22271	22680	21714	20162	21076	19841	19611	25169	23999	23022
30	Regulated Hydro - Net	20484	18577	17854	17708	20807	21289	20378	18918	19572	18052	17806	23179	21961	21395
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16396	16395	16405	16488	16575	16643	16650	16610	15924	16532	16061	13222	15739	16467
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5661	5746	5874	5938	5949	5904	5853	5707	5707	4623	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	7244	7244	5216	7090	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	2048	2048	1788	1625	1945	2362	2098	2128	1781	1594	1594	1626	1900	1989
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	401	401	380	379	422	483	477	475	426	369	369	371	406	420
42	Inland Southwest	747	747	628	569	566	647	590	589	565	536	536	578	817	893
43	Pacific Southwest	0	0	0	0	325	346	346	346	46.0	12.0	12.0	0	0	0
44	Other	633	633	633	530	530	530	530	530	530	530	530	530	530	530
45	**Reserves & Losses**	-4380	-4263	-4117	-4126	-4431	-4569	-4500	-4352	-4276	-4172	-4128	-4336	-4509	-4556
46	Contingency Reserves (Non-Spinning)	-939	-911	-851	-861	-959	-1014	-1000	-950	-913	-873	-863	-884	-943	-970
47	Contingency Reserves (Spinning)	-939	-911	-851	-861	-959	-1014	-1000	-950	-913	-873	-863	-884	-943	-970

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-567	-567	-567	-567	-567	-567	-567	-567	-567	-567	-567	-612	-614	-614
49	Load Following Reserves	-686	-686	-686	-687	-687	-687	-687	-687	-687	-687	-687	-719	-721	-721
50	Transmission Losses	-1250	-1188	-1161	-1151	-1260	-1287	-1246	-1197	-1196	-1171	-1149	-1237	-1287	-1280
51	**Total Resources**	**36056**	**34265**	**33508**	**33206**	**36360**	**37117**	**35962**	**34549**	**34505**	**33795**	**33138**	**35681**	**37128**	**36922**
52	**Total Surplus/Deficit**	**3322**	**1752**	**4496**	**3880**	**3921**	**1569**	**310**	**792**	**3616**	**4438**	**3825**	**8139**	**5926**	**3285**

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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**	32240	32240	28754	29347	32502	35851	35770	33867	31044	29447	29447	27822	31002	33269
2	Federal Agency	175	175	165	188	214	245	251	234	233	207	207	189	194	194
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2901	2901	2709	2747	2979	3438	3410	3191	2928	2921	2921	2863	2919	3089
5	Municipality	3621	3621	3431	3883	4455	4758	4734	4561	4113	3916	3916	3415	3482	3668
6	Public Utility District	5888	5888	5528	6123	7078	7850	7649	7221	6487	6264	6264	5714	5704	6018
7	Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592
8	Marketer	450	450	429	426	431	443	451	438	432	418	418	420	441	460
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2005	2005	1848	1780	1542	1543	1544	1672	1659	1541	1549	1404	1850	1884
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	507	507	507	207	199	199	199	199	199	199	207	62.8	507	507
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1100	-1336	-1219	-1547	-1224	-1455	-1300	-1438	-1466	-1360	-1462	-1355	-1167	-1065
17		-1100	-1336	-1219	-1547	-1224	-1455	-1300	-1438	-1466	-1360	-1462	-1355	-1167	-1065
18	**Total Firm Loads**	**33146**	**32909**	**29384**	**29580**	**32821**	**35939**	**36015**	**34101**	**31237**	**29629**	**29535**	**27871**	**31685**	**34088**
	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**	22087	20174	19566	19276	22362	22801	21805	20288	21177	19907	19686	25036	23839	23056
30	Regulated Hydro - Net	20579	18667	17987	17765	20898	21410	20469	19043	19673	18118	17881	23046	21802	21428
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16396	16395	16381	16528	16579	16648	16650	16610	15926	15239	15245	12741	14762	16465
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	2574	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5637	5786	5878	5942	5949	5904	5853	5626	5626	4739	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	6504	6504	4616	6114	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	399	327	244	185	174	166	178	216	327	341	464	481	472
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	1955	1955	1690	1773	2067	2463	2200	2230	1883	1730	1730	1774	2053	2144
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	404	404	382	381	424	485	479	477	428	371	371	373	409	422
42	Inland Southwest	755	755	632	573	569	650	594	593	569	540	540	582	826	903
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
44	Other	530	530	530	672	672	672	672	672	672	672	672	672	672	672
45	**Reserves & Losses**	-4486	-4368	-4220	-4235	-4540	-4679	-4608	-4462	-4392	-4227	-4214	-4290	-4440	-4621
46	Contingency Reserves (Non-Spinning)	-946	-918	-857	-866	-964	-1021	-1006	-956	-918	-870	-867	-856	-914	-977
47	Contingency Reserves (Spinning)	-946	-918	-857	-866	-964	-1021	-1006	-956	-918	-870	-867	-856	-914	-977

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-622	-622	-622	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
49	Load Following Reserves	-726	-726	-726	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
50	Transmission Losses	-1246	-1184	-1158	-1156	-1264	-1291	-1249	-1202	-1199	-1132	-1125	-1222	-1255	-1284
51	**Total Resources**	**35953**	**34157**	**33417**	**33342**	**36469**	**37232**	**36047**	**34667**	**34595**	**32649**	**32446**	**35261**	**36214**	**37044**
52	**Total Surplus/Deficit**	**2807**	**1248**	**4020**	**3762**	**3648**	**1293**	**28.0**	**542**	**3304**	**2985**	**2877**	**7391**	**4529**	**2955**

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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**	32700	32700	29121	29696	32877	36268	36176	34202	31399	29794	29794	28171	31429	33726
2	Federal Agency	179	179	169	192	217	249	254	228	236	210	210	191	197	197
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2969	2969	2772	2807	3040	3505	3469	3232	2982	2979	2979	2923	2981	3157
5	Municipality	3647	3647	3456	3906	4480	4784	4759	4562	4137	3939	3939	3438	3506	3692
6	Public Utility District	5954	5954	5579	6177	7136	7914	7712	7279	6541	6317	6317	5775	5767	6075
7	Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896
8	Marketer	451	451	430	427	433	444	453	439	433	420	420	421	443	461
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2005	2005	1848	1780	1542	1543	1544	1672	1659	1541	1549	1404	1850	1884
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	507	507	507	207	199	199	199	199	199	199	207	62.8	507	507
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1090	-1384	-1235	-1561	-1215	-1463	-1302	-1467	-1471	-1365	-1511	-1363	-1247	-1066
17		-1090	-1384	-1235	-1561	-1215	-1463	-1302	-1467	-1471	-1365	-1511	-1363	-1247	-1066
18	**Total Firm Loads**	**33616**	**33321**	**29734**	**29915**	**33204**	**36349**	**36418**	**34408**	**31587**	**29970**	**29832**	**28212**	**32031**	**34544**
	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**	22116	20219	19605	19273	22387	22823	21830	20304	21217	19901	19681	25263	24021	23068
30	Regulated Hydro - Net	20608	18712	18027	17762	20923	21432	20495	19059	19713	18113	17876	23273	21984	21441
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16396	16394	16377	16524	16576	16648	16650	16610	15924	15933	14932	13112	15786	16467
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5637	5784	5876	5942	5949	5904	5853	5626	5626	4667	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	6726	6196	5062	7090	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	126	126
37	Small Hydro	401	398	323	242	184	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	2107	2107	1839	1668	1962	2358	2095	2123	1778	1625	1625	1669	1954	2046
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	406	406	384	383	426	487	482	478	431	373	373	376	411	425
42	Inland Southwest	763	763	636	576	572	653	597	596	572	543	543	585	835	913
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
44	Other	672	672	672	562	562	562	562	562	562	562	562	562	562	562
45	**Reserves & Losses**	-4539	-4422	-4271	-4241	-4548	-4689	-4618	-4466	-4398	-4268	-4207	-4381	-4557	-4631
46	Contingency Reserves (Non-Spinning)	-953	-925	-863	-871	-970	-1027	-1012	-960	-923	-881	-870	-895	-955	-984
47	Contingency Reserves (Spinning)	-953	-925	-863	-871	-970	-1027	-1012	-960	-923	-881	-870	-895	-955	-984

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	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
49	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
50	Transmission Losses	-1251	-1189	-1163	-1152	-1261	-1287	-1246	-1198	-1197	-1150	-1110	-1236	-1290	-1281
51	**Total Resources**	**36080**	**34298**	**33550**	**33223**	**36377**	**37140**	**35958**	**34571**	**34520**	**33191**	**32031**	**35663**	**37204**	**36949**
52	**Total Surplus/Deficit**	**2465**	**977**	**3802**	**3309**	**3173**	**791**	**-464**	**140**	**2879**	**3187**	**2165**	**7451**	**5173**	**2405**

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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**	33157	33157	29488	30049	33255	36683	36602	34668	31775	30155	30155	28542	31874	34202
2	Federal Agency	182	182	171	194	219	252	256	238	238	212	212	193	199	199
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	3034	3034	2832	2863	3096	3566	3538	3323	3046	3048	3048	2994	3055	3237
5	Municipality	3672	3672	3479	3935	4510	4815	4788	4615	4164	3966	3966	3465	3532	3719
6	Public Utility District	6020	6020	5632	6230	7196	7981	7775	7349	6597	6373	6373	5838	5832	6136
7	Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199
8	Marketer	453	453	432	428	434	446	454	441	434	421	421	423	444	463
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2005	2005	1848	1780	1542	1543	1544	1672	1659	1541	1549	1404	1850	1884
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	507	507	507	207	199	199	199	199	199	199	207	62.8	507	507
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1010	-1328	-1337	-1571	-1189	-1548	-1212	-1445	-1538	-1357	-1554	-1324	-1295	-1112
17		-1010	-1328	-1337	-1571	-1189	-1548	-1212	-1445	-1538	-1357	-1554	-1324	-1295	-1112
18	**Total Firm Loads**	**34152**	**33834**	**29999**	**30258**	**33609**	**36678**	**36934**	**34896**	**31896**	**30339**	**30150**	**28621**	**32429**	**34973**
	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**	22130	20271	19562	19290	22419	22755	21924	20284	21173	19899	19672	25218	23888	23025
30	Regulated Hydro - Net	20622	18763	17983	17779	20955	21364	20589	19040	19669	18110	17867	23228	21851	21398
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16396	16395	16409	16526	16577	15977	15400	15360	14674	15201	14730	11996	13359	15217
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5665	5784	5876	5942	5949	5904	5853	5626	5626	4667	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	6574	5994	5994	5994	5994	5994	3946	4710	5994
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	461	481	473
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	2007	2007	1734	1880	2173	2570	2307	2336	1990	1837	1837	1881	2170	2263
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	408	408	386	385	428	489	484	482	433	375	375	377	413	427
42	Inland Southwest	771	771	640	580	575	657	600	599	576	547	547	589	843	922
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
44	Other	562	562	562	768	768	768	768	768	768	768	768	768	768	768
45	**Reserves & Losses**	-4549	-4435	-4277	-4257	-4565	-4660	-4563	-4408	-4335	-4225	-4181	-4276	-4386	-4572
46	Contingency Reserves (Non-Spinning)	-960	-932	-868	-875	-975	-1021	-1000	-948	-909	-867	-857	-857	-908	-972
47	Contingency Reserves (Spinning)	-960	-932	-868	-875	-975	-1021	-1000	-948	-909	-867	-857	-857	-908	-972

Regional Report Surplus Deficit

Operating Year: 2021 Water Year: 1937

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S104-WB-20121129-173308Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
49	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
50	Transmission Losses	-1247	-1187	-1159	-1159	-1269	-1270	-1215	-1164	-1161	-1134	-1111	-1207	-1214	-1245
51	**Total Resources**	**35984**	**34238**	**33428**	**33439**	**36604**	**36642**	**35068**	**33573**	**33501**	**32712**	**32057**	**34819**	**35030**	**35933**
52	**Total Surplus/Deficit**	**1832**	**404**	**3414**	**3181**	**2995**	**-35.9**	**-1870**	**-1346**	**1551**	**2339**	**1873**	**6197**	**2601**	**960**

Regional Report Surplus Deficit

Operating Year: 2022 Water Year: 1937

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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**	33633	33633	29874	30413	33643	37102	37000	35042	32129	30490	30490	28876	32278	34646
2	Federal Agency	184	184	173	196	221	254	258	240	240	213	213	194	200	200
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	3112	3112	2907	2934	3168	3642	3590	3370	3092	3094	3094	3040	3100	3284
5	Municipality	3699	3699	3506	3960	4537	4843	4815	4642	4189	3991	3991	3489	3558	3745
6	Public Utility District	6085	6085	5684	6280	7252	8043	7835	7406	6650	6425	6425	5894	5888	6193
7	Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510
8	Marketer	454	454	433	430	435	447	456	442	436	422	422	424	446	465
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	1950	1950	1793	1725	1487	1488	1489	1617	1604	1486	1494	1349	1795	1829
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	452	452	452	152	144	144	144	144	144	144	152	7.81	452	452
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1030	-1350	-1339	-1506	-1237	-1502	-1234	-1463	-1555	-1374	-1593	-1349	-1311	-1082
17		-1030	-1350	-1339	-1506	-1237	-1502	-1234	-1463	-1555	-1374	-1593	-1349	-1311	-1082
18	**Total Firm Loads**	**34554**	**34233**	**30328**	**30632**	**33893**	**37088**	**37255**	**35197**	**32178**	**30602**	**30391**	**28876**	**32761**	**35393**
	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**	22103	20250	19549	19257	22371	22808	21815	20289	21200	19885	19665	25269	24005	23052
30	Regulated Hydro - Net	20594	18743	17970	17746	20907	21417	20479	19045	19696	18096	17860	23279	21968	21425
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	15146	15145	15113	15276	15327	15397	15400	15360	14674	13989	13460	13796	14642	15217
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	2574	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5619	5784	5876	5942	5949	5904	5853	5626	5626	4667	5075	5599
35	Large Thermal Resources	5994	5994	5994	5994	5994	5994	5994	5994	5994	5254	4724	5746	5994	5994
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	400	327	244	185	174	166	177	213	327	336	461	481	473
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	2223	2223	1946	1776	2068	2466	2203	2232	1886	1731	1731	1777	2071	2165
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	410	410	388	387	430	492	486	484	435	377	377	379	415	429
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
44	Other	768	768	768	658	658	658	658	658	658	658	658	658	658	658
45	**Reserves & Losses**	-4491	-4377	-4214	-4184	-4492	-4635	-4563	-4415	-4343	-4175	-4144	-4428	-4508	-4583
46	Contingency Reserves (Non-Spinning)	-948	-921	-854	-861	-961	-1019	-1004	-954	-915	-865	-862	-905	-948	-978
47	Contingency Reserves (Spinning)	-948	-921	-854	-861	-961	-1019	-1004	-954	-915	-865	-862	-905	-948	-978

Regional Report Surplus Deficit

Operating Year: 2022 Water Year: 1937

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S104-WB-20121129-173308Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
49	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
50	Transmission Losses	-1212	-1152	-1123	-1113	-1223	-1249	-1208	-1160	-1158	-1089	-1065	-1262	-1255	-1243
51	**Total Resources**	**34981**	**33242**	**32394**	**32124**	**35274**	**36036**	**34853**	**33466**	**33416**	**31430**	**30712**	**36413**	**36210**	**35851**
52	**Total Surplus/Deficit**	**428**	**-992**	**2052**	**1492**	**1381**	**-1052**	**-2406**	**-1753**	**1184**	**794**	**286**	**7537**	**3449**	**458**

Regional Report Surplus Deficit

Operating Year: 2023 Water Year: 1937

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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**	34076	34076	30227	30751	34006	37500	37394	35392	32472	30819	30819	29205	32677	35087
2	Federal Agency	185	185	174	197	223	256	260	243	236	214	214	196	202	202
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	3158	3158	2950	2979	3215	3696	3631	3400	3128	3131	3131	3076	3136	3323
5	Municipality	3725	3725	3531	3985	4564	4870	4841	4667	4217	4015	4015	3514	3583	3771
6	Public Utility District	6150	6150	5736	6335	7312	8109	7899	7457	6706	6480	6480	5949	5945	6254
7	Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823
8	Marketer	456	456	434	431	437	449	458	444	437	424	424	425	447	466
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	1950	1950	1793	1725	1487	1488	1489	1617	1604	1486	1494	1349	1795	1829
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	452	452	452	152	144	144	144	144	144	144	152	7.81	452	452
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-1141	-1477	-1356	-1522	-1250	-1534	-1245	-1482	-1565	-1307	-1561	-1438	-1329	-1099
17		-1141	-1477	-1356	-1522	-1250	-1534	-1245	-1482	-1565	-1307	-1561	-1438	-1329	-1099
18	**Total Firm Loads**	**34886**	**34550**	**30664**	**30955**	**34243**	**37455**	**37638**	**35527**	**32510**	**30999**	**30752**	**29116**	**33143**	**35816**
	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**	22115	20255	19545	19274	22403	22759	21930	20289	21178	19883	19656	25243	23893	23030
30	Regulated Hydro - Net	20607	18748	17967	17763	20939	21368	20594	19044	19674	18095	17852	23253	21855	21403
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	15146	15145	15159	15242	15329	15397	15400	15360	14674	14013	13542	12539	13359	15217
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5665	5750	5878	5942	5949	5904	5853	5626	5626	4693	5075	5599
35	Large Thermal Resources	5994	5994	5994	5994	5994	5994	5994	5994	5994	4806	4806	4462	4710	5994
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	400	327	244	185	174	166	177	213	327	336	461	481	473
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	2124	2124	1842	1955	2246	2645	2381	2411	2064	1911	1911	1956	2255	2351
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	412	412	390	389	432	494	488	486	437	379	379	381	417	431
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
44	Other	658	658	658	831	831	831	831	831	831	831	831	831	831	831
45	**Reserves & Losses**	-4501	-4386	-4223	-4198	-4511	-4649	-4588	-4431	-4358	-4186	-4143	-4337	-4412	-4600
46	Contingency Reserves (Non-Spinning)	-954	-927	-860	-866	-967	-1024	-1011	-959	-919	-867	-857	-877	-919	-985
47	Contingency Reserves (Spinning)	-954	-927	-860	-866	-967	-1024	-1011	-959	-919	-867	-857	-877	-919	-985

Regional Report Surplus Deficit

Operating Year: 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
49	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
50	Transmission Losses	-1209	-1149	-1120	-1119	-1229	-1253	-1217	-1166	-1163	-1096	-1073	-1227	-1216	-1248
51	**Total Resources**	**34885**	**33139**	**32323**	**32273**	**35469**	**36153**	**35123**	**33629**	**33558**	**31621**	**30966**	**35401**	**35095**	**35998**
52	**Total Surplus/Deficit**	**-1.39**	**-1411**	**1645**	**1318**	**1225**	**-1302**	**-2519**	**-1921**	**993**	**588**	**181**	**6285**	**1952**	**182**

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

Monthly 120-Hour Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

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

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

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	120Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4340**	**4340**	**4163**	**4441**	**4997**	**5687**	**5644**	**5323**	**4863**	**4679**	**4679**	**4304**	**4293**	**4517**
4	Cooperative	2566	2566	2404	2432	2666	3102	3065	2869	2613	2580	2580	2511	2559	2704
5	Municipality	830	830	790	814	951	1038	1019	979	878	819	819	755	771	843
6	Public Utility District	803	803	839	1041	1195	1333	1347	1279	1175	1112	1112	887	807	813
7	Federal Entities	141	141	131	154	185	214	213	196	197	169	169	151	155	157
8	**Slice Right to Power**	**2349**	**1891**	**1928**	**1808**	**2528**	**2566**	**2125**	**1887**	**2181**	**1882**	**1883**	**3192**	**2662**	**2555**
9	Municipality	783	631	643	603	843	856	709	629	727	628	628	1064	888	852
10	Public Utility District	1566	1261	1285	1205	1685	1711	1416	1258	1454	1255	1255	2128	1775	1703
11	**Tier 1 Block**	**1636**	**1636**	**1716**	**1655**	**2046**	**2274**	**2310**	**2137**	**1989**	**1663**	**1663**	**1454**	**1351**	**1592**
12	Municipality	488	488	613	547	758	827	858	813	778	541	541	359	287	462
13	Public Utility District	1148	1148	1102	1108	1288	1447	1452	1324	1211	1122	1122	1094	1063	1130
14	**USBR Obligation**	**671**	**671**	**589**	**529**	**162**	**264**	**14.9**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	671	671	589	529	162	264	14.9	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2566	2566	2404	2432	2666	3102	3065	2869	2613	2580	2580	2511	2559	2704
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	141	141	131	154	185	214	213	196	197	169	169	151	155	157
19	Municipality	2101	1949	2046	1963	2553	2721	2585	2422	2384	1987	1987	2179	1947	2158
20	Public Utility District	3517	3212	3227	3354	4168	4491	4215	3862	3839	3488	3489	4109	3645	3646
21	USBR	671	671	589	529	162	264	14.9	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9311**	**8853**	**8712**	**8748**	**10050**	**11108**	**10410**	**9965**	**9759**	**9003**	**9003**	**9850**	**9249**	**9676**

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

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4390**	**4390**	**4208**	**4504**	**5062**	**5752**	**5706**	**5378**	**4919**	**4737**	**4737**	**4362**	**4356**	**4584**
4	Cooperative	2595	2595	2429	2473	2706	3142	3103	2900	2647	2617	2617	2550	2601	2751
5	Municipality	841	841	799	827	966	1054	1032	992	890	830	830	766	783	856
6	Public Utility District	811	811	847	1048	1202	1341	1355	1287	1182	1119	1119	893	813	819
7	Federal Entities	142	142	132	156	187	216	216	199	200	171	171	153	158	159
8	**Slice Right to Power**	**2382**	**1855**	**1767**	**1743**	**2496**	**2574**	**2286**	**1917**	**2211**	**1920**	**1864**	**2789**	**2228**	**2412**
9	Municipality	794	618	589	581	832	858	762	639	737	640	621	930	743	804
10	Public Utility District	1588	1236	1178	1162	1664	1716	1524	1278	1474	1280	1242	1859	1485	1608
11	**Tier 1 Block**	**1593**	**1593**	**1661**	**1736**	**2147**	**2387**	**2424**	**2243**	**2088**	**1746**	**1746**	**1526**	**1419**	**1671**
12	Municipality	483	483	596	572	793	866	897	850	814	567	567	378	303	485
13	Public Utility District	1110	1110	1065	1164	1354	1521	1527	1393	1274	1179	1179	1149	1116	1186
14	**USBR Obligation**	**673**	**673**	**589**	**529**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	673	673	589	529	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2595	2595	2429	2473	2706	3142	3103	2900	2647	2617	2617	2550	2601	2751
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	142	142	132	156	187	216	216	199	200	171	171	153	158	159
19	Municipality	2119	1943	1985	1980	2591	2778	2691	2481	2442	2037	2018	2074	1829	2145
20	Public Utility District	3509	3158	3090	3374	4221	4578	4406	3957	3929	3578	3540	3901	3415	3612
21	USBR	673	673	589	529	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9354**	**8828**	**8541**	**8828**	**10182**	**11294**	**10747**	**10155**	**9943**	**9181**	**9125**	**9579**	**8946**	**9678**

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

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4455**	**4455**	**4268**	**4531**	**5090**	**5784**	**5745**	**5362**	**4951**	**4773**	**4773**	**4401**	**4396**	**4630**
4	Cooperative	2639	2639	2470	2482	2714	3151	3127	2906	2665	2640	2640	2575	2628	2782
5	Municipality	854	854	811	837	978	1066	1040	976	898	836	836	773	791	864
6	Public Utility District	817	817	853	1054	1208	1348	1361	1286	1188	1124	1124	898	818	824
7	Federal Entities	144	144	134	158	189	219	217	193	201	172	172	154	159	160
8	**Slice Right to Power**	**2374**	**1815**	**1723**	**1747**	**2480**	**2573**	**2303**	**1909**	**2172**	**1919**	**1874**	**3127**	**2559**	**2402**
9	Municipality	791	605	575	583	827	858	768	636	724	640	625	1043	853	801
10	Public Utility District	1582	1210	1149	1165	1653	1715	1535	1272	1448	1279	1249	2085	1706	1601
11	**Tier 1 Block**	**1671**	**1671**	**1743**	**1684**	**2082**	**2315**	**2350**	**2100**	**2024**	**1693**	**1693**	**1481**	**1379**	**1621**
12	Municipality	507	507	624	548	759	829	859	786	779	543	543	361	290	464
13	Public Utility District	1165	1165	1119	1136	1323	1486	1492	1314	1245	1150	1150	1120	1089	1157
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2639	2639	2470	2482	2714	3151	3127	2906	2665	2640	2640	2575	2628	2782
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	144	144	134	158	189	219	217	193	201	172	172	154	159	160
19	Municipality	2152	1965	2010	1967	2563	2753	2666	2399	2401	2019	2004	2177	1934	2129
20	Public Utility District	3565	3192	3121	3355	4184	4549	4388	3873	3880	3553	3524	4103	3613	3582
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9489**	**8930**	**8640**	**8804**	**10129**	**11252**	**10729**	**9988**	**9872**	**9162**	**9117**	**9910**	**9277**	**9665**

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

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4499**	**4499**	**4305**	**4573**	**5134**	**5837**	**5806**	**5477**	**5004**	**4829**	**4829**	**4459**	**4458**	**4697**
4	Cooperative	2669	2669	2493	2507	2739	3183	3156	2952	2688	2668	2668	2606	2662	2821
5	Municipality	862	862	819	846	989	1078	1050	1009	907	845	845	782	800	874
6	Public Utility District	823	823	858	1060	1215	1355	1368	1300	1194	1130	1130	904	824	829
7	Federal Entities	146	146	135	160	191	220	232	215	215	186	186	167	173	173
8	**Slice Right to Power**	**2366**	**1802**	**1724**	**1761**	**2470**	**2571**	**2288**	**1888**	**2153**	**1922**	**1862**	**2789**	**2247**	**2406**
9	Municipality	789	601	575	587	823	857	763	629	718	641	621	930	749	802
10	Public Utility District	1577	1201	1149	1174	1646	1714	1525	1258	1435	1281	1241	1859	1498	1604
11	**Tier 1 Block**	**1621**	**1621**	**1690**	**1721**	**2128**	**2366**	**2403**	**2224**	**2070**	**1730**	**1730**	**1513**	**1409**	**1657**
12	Municipality	485	485	597	560	775	847	877	832	796	555	555	369	296	474
13	Public Utility District	1137	1137	1093	1161	1353	1519	1526	1392	1273	1175	1175	1144	1113	1182
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2669	2669	2493	2507	2739	3183	3156	2952	2688	2668	2668	2606	2662	2821
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	146	146	135	160	191	220	232	215	215	186	186	167	173	173
19	Municipality	2135	1948	1991	1993	2588	2782	2690	2471	2421	2041	2021	2081	1846	2150
20	Public Utility District	3536	3161	3100	3395	4214	4588	4419	3951	3903	3586	3547	3907	3434	3615
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9475**	**8911**	**8624**	**8897**	**10209**	**11354**	**10828**	**10206**	**9952**	**9259**	**9199**	**9663**	**9057**	**9772**

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

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4564**	**4564**	**4363**	**4629**	**5190**	**5902**	**5865**	**5529**	**5054**	**4882**	**4882**	**4513**	**4512**	**4758**
4	Cooperative	2705	2705	2523	2540	2772	3224	3196	2987	2721	2705	2705	2645	2700	2865
5	Municipality	872	872	828	855	999	1088	1059	1018	915	853	853	790	809	883
6	Public Utility District	828	828	864	1063	1218	1358	1371	1303	1197	1133	1133	906	826	832
7	Federal Entities	159	159	148	172	202	233	238	220	221	191	191	172	178	178
8	**Slice Right to Power**	**2357**	**1804**	**1724**	**1767**	**2472**	**2592**	**2294**	**1898**	**2166**	**1926**	**1875**	**3100**	**2606**	**2408**
9	Municipality	786	601	575	589	824	864	765	633	722	642	625	1034	869	803
10	Public Utility District	1571	1202	1149	1178	1648	1728	1529	1265	1444	1284	1250	2066	1737	1605
11	**Tier 1 Block**	**1657**	**1657**	**1727**	**1688**	**2089**	**2322**	**2359**	**2183**	**2031**	**1697**	**1697**	**1484**	**1382**	**1626**
12	Municipality	495	495	610	549	761	831	861	816	781	544	544	362	290	465
13	Public Utility District	1161	1161	1117	1139	1329	1492	1498	1367	1250	1153	1153	1122	1092	1161
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2705	2705	2523	2540	2772	3224	3196	2987	2721	2705	2705	2645	2700	2865
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	159	159	148	172	202	233	238	220	221	191	191	172	178	178
19	Municipality	2153	1969	2013	1993	2584	2782	2685	2467	2419	2039	2022	2186	1968	2151
20	Public Utility District	3560	3192	3130	3380	4194	4578	4399	3936	3891	3570	3536	4095	3655	3597
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9566**	**9013**	**8720**	**8927**	**10229**	**11397**	**10849**	**10228**	**9977**	**9283**	**9232**	**9998**	**9444**	**9802**

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

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4621**	**4621**	**4416**	**4678**	**5241**	**5962**	**5922**	**5577**	**5103**	**4934**	**4934**	**4566**	**4567**	**4818**
4	Cooperative	2747	2747	2560	2570	2803	3262	3234	3015	2752	2740	2740	2681	2737	2908
5	Municipality	881	881	837	863	1008	1097	1068	1026	923	860	860	797	816	891
6	Public Utility District	830	830	866	1068	1224	1365	1378	1310	1203	1139	1139	911	831	837
7	Federal Entities	164	164	153	176	206	237	242	226	225	195	195	177	182	182
8	**Slice Right to Power**	**2364**	**1811**	**1742**	**1756**	**2541**	**2668**	**2362**	**1975**	**2199**	**1951**	**1902**	**2781**	**2282**	**2401**
9	Municipality	788	604	581	585	847	890	788	658	733	650	634	927	761	801
10	Public Utility District	1576	1207	1161	1170	1694	1778	1575	1316	1466	1300	1268	1854	1521	1601
11	**Tier 1 Block**	**1626**	**1626**	**1695**	**1724**	**2134**	**2372**	**2409**	**2230**	**2075**	**1733**	**1733**	**1516**	**1412**	**1660**
12	Municipality	486	486	599	561	777	848	879	834	798	556	556	370	297	475
13	Public Utility District	1140	1140	1097	1164	1357	1523	1530	1396	1277	1177	1177	1146	1115	1185
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2747	2747	2560	2570	2803	3262	3234	3015	2752	2740	2740	2681	2737	2908
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	164	164	153	176	206	237	242	226	225	195	195	177	182	182
19	Municipality	2155	1970	2016	2009	2632	2835	2734	2518	2454	2066	2050	2094	1874	2167
20	Public Utility District	3546	3177	3124	3402	4275	4667	4483	4022	3946	3617	3584	3911	3467	3623
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9600**	**9046**	**8759**	**9000**	**10393**	**11581**	**11024**	**10399**	**10102**	**9396**	**9347**	**9764**	**9204**	**9892**

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

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4679**	**4679**	**4469**	**4734**	**5299**	**6027**	**5978**	**5574**	**5151**	**4986**	**4986**	**4620**	**4624**	**4881**
4	Cooperative	2787	2787	2596	2610	2844	3309	3273	3036	2785	2777	2777	2721	2779	2956
5	Municipality	889	889	844	869	1015	1104	1074	1008	928	865	865	803	823	897
6	Public Utility District	836	836	871	1075	1231	1372	1385	1310	1210	1146	1146	917	837	843
7	Federal Entities	168	168	157	180	209	241	246	220	228	198	198	179	185	185
8	**Slice Right to Power**	**2360**	**1810**	**1742**	**1756**	**2549**	**2674**	**2369**	**1980**	**2210**	**1950**	**1902**	**3114**	**2605**	**2404**
9	Municipality	787	604	581	585	850	892	790	660	737	650	634	1038	869	802
10	Public Utility District	1573	1207	1161	1170	1699	1783	1579	1320	1473	1300	1268	2076	1736	1603
11	**Tier 1 Block**	**1660**	**1660**	**1731**	**1695**	**2097**	**2331**	**2368**	**2116**	**2039**	**1703**	**1703**	**1490**	**1387**	**1632**
12	Municipality	496	496	611	551	763	834	864	791	784	546	546	363	291	467
13	Public Utility District	1164	1164	1120	1144	1334	1497	1504	1325	1255	1157	1157	1126	1096	1165
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2787	2787	2596	2610	2844	3309	3273	3036	2785	2777	2777	2721	2779	2956
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	168	168	157	180	209	241	246	220	228	198	198	179	185	185
19	Municipality	2172	1989	2036	2005	2628	2830	2728	2459	2450	2062	2046	2204	1983	2166
20	Public Utility District	3573	3206	3152	3389	4263	4652	4469	3954	3938	3603	3570	4120	3669	3611
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9688**	**9138**	**8847**	**9027**	**10422**	**11613**	**11047**	**10287**	**10126**	**9417**	**9368**	**10125**	**9559**	**9929**

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

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4739**	**4739**	**4523**	**4782**	**5348**	**6082**	**6039**	**5695**	**5206**	**5044**	**5044**	**4681**	**4687**	**4951**
4	Cooperative	2832	2832	2636	2640	2873	3343	3315	3100	2823	2819	2819	2766	2827	3009
5	Municipality	895	895	850	879	1027	1117	1084	1042	937	874	874	811	832	907
6	Public Utility District	842	842	877	1080	1237	1379	1392	1323	1216	1151	1151	922	842	848
7	Federal Entities	170	170	160	182	211	244	248	230	230	200	200	181	187	187
8	**Slice Right to Power**	**2364**	**1823**	**1731**	**1757**	**2554**	**2659**	**2396**	**1977**	**2202**	**1953**	**1902**	**2829**	**2298**	**2397**
9	Municipality	788	608	577	586	851	887	799	659	734	651	634	943	766	799
10	Public Utility District	1575	1215	1154	1171	1702	1772	1597	1318	1468	1302	1268	1886	1532	1598
11	**Tier 1 Block**	**1632**	**1632**	**1702**	**1685**	**2085**	**2318**	**2355**	**2179**	**2028**	**1694**	**1694**	**1481**	**1379**	**1623**
12	Municipality	488	488	601	548	759	829	859	815	780	543	543	361	290	464
13	Public Utility District	1144	1144	1101	1137	1326	1489	1496	1365	1248	1151	1151	1120	1090	1158
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2832	2832	2636	2640	2873	3343	3315	3100	2823	2819	2819	2766	2827	3009
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	170	170	160	182	211	244	248	230	230	200	200	181	187	187
19	Municipality	2171	1991	2028	2013	2637	2832	2742	2516	2451	2068	2051	2116	1887	2170
20	Public Utility District	3561	3201	3132	3389	4265	4640	4484	4006	3931	3603	3570	3929	3463	3604
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9723**	**9183**	**8861**	**9066**	**10464**	**11639**	**11121**	**10469**	**10161**	**9468**	**9418**	**9893**	**9307**	**9982**

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

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4807**	**4807**	**4587**	**4853**	**5421**	**6161**	**6091**	**5741**	**5251**	**5089**	**5089**	**4724**	**4729**	**4996**
4	Cooperative	2884	2884	2684	2696	2930	3404	3352	3131	2854	2851	2851	2797	2856	3041
5	Municipality	905	905	860	887	1035	1126	1092	1050	944	881	881	818	839	915
6	Public Utility District	847	847	882	1086	1243	1385	1398	1329	1221	1156	1156	927	846	853
7	Federal Entities	172	172	161	184	213	246	250	232	232	201	201	182	188	188
8	**Slice Right to Power**	**2359**	**1821**	**1730**	**1751**	**2543**	**2667**	**2362**	**1973**	**2205**	**1947**	**1898**	**3112**	**2602**	**2400**
9	Municipality	787	607	577	584	848	889	788	658	735	649	633	1038	867	800
10	Public Utility District	1573	1214	1153	1167	1695	1778	1575	1315	1470	1298	1265	2074	1734	1600
11	**Tier 1 Block**	**1623**	**1623**	**1692**	**1686**	**2087**	**2320**	**2356**	**2181**	**2029**	**1695**	**1695**	**1482**	**1380**	**1624**
12	Municipality	485	485	598	548	760	830	860	815	780	543	543	362	290	464
13	Public Utility District	1138	1138	1095	1138	1327	1490	1497	1366	1249	1151	1151	1121	1090	1159
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2884	2884	2684	2696	2930	3404	3352	3131	2854	2851	2851	2797	2856	3041
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	172	172	161	184	213	246	250	232	232	201	201	182	188	188
19	Municipality	2176	1997	2034	2019	2643	2845	2740	2523	2460	2073	2057	2217	1996	2179
20	Public Utility District	3557	3198	3130	3391	4265	4653	4469	4010	3940	3605	3573	4122	3671	3612
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9777**	**9239**	**8915**	**9132**	**10528**	**11728**	**11141**	**10513**	**10211**	**9508**	**9459**	**10219**	**9654**	**10032**

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

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4851**	**4851**	**4628**	**4900**	**5472**	**6220**	**6137**	**5778**	**5284**	**5128**	**5128**	**4762**	**4767**	**5038**
4	Cooperative	2914	2914	2712	2729	2964	3446	3381	3150	2878	2876	2876	2821	2881	3068
5	Municipality	912	912	867	894	1044	1135	1100	1057	951	887	887	825	846	922
6	Public Utility District	851	851	887	1091	1249	1391	1404	1335	1227	1162	1162	932	851	858
7	Federal Entities	173	173	162	186	214	248	252	235	228	202	202	184	190	190
8	**Slice Right to Power**	**2359**	**1819**	**1726**	**1753**	**2549**	**2653**	**2389**	**1971**	**2198**	**1949**	**1899**	**2827**	**2295**	**2393**
9	Municipality	787	606	576	585	850	885	797	657	733	650	633	943	765	798
10	Public Utility District	1573	1212	1151	1169	1699	1768	1593	1314	1465	1299	1266	1884	1530	1595
11	**Tier 1 Block**	**1624**	**1624**	**1693**	**1686**	**2087**	**2320**	**2356**	**2181**	**2029**	**1695**	**1695**	**1482**	**1380**	**1624**
12	Municipality	485	485	598	548	760	830	860	815	780	543	543	362	290	464
13	Public Utility District	1139	1139	1095	1138	1327	1490	1497	1366	1249	1151	1151	1121	1090	1159
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2914	2914	2712	2729	2964	3446	3381	3150	2878	2876	2876	2821	2881	3068
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	173	173	162	186	214	248	252	235	228	202	202	184	190	190
19	Municipality	2184	2004	2040	2027	2654	2849	2756	2530	2465	2081	2064	2129	1901	2185
20	Public Utility District	3562	3202	3133	3398	4274	4649	4493	4014	3940	3613	3579	3937	3471	3612
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9822**	**9282**	**8953**	**9181**	**10584**	**11772**	**11213**	**10547**	**10236**	**9550**	**9499**	**9972**	**9386**	**10066**

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Exhibit 15
Table A-7: Regional Regulated Hydro

Monthly 120-Hour Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-7: Regional: Regulated Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Idle Capacity Adjustment	-6017	-7901	-7629	-7359	-5957	-6323	-8376	-8955	-7572	-8606	-8669	-3787	-6601	-6233
2 Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3 Alder	37.1	30.5	28.0	0	0	4.45	45.0	35.0	33.3	33.0	40.0	46.8	51.4	52.0
4 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6 Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8 Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9 Chelan Lake	57.6	57.4	57.4	56.0	16.8	16.8	56.4	55.6	55.4	55.3	54.1	54.6	56.0	56.8
10 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11 Cushman 1	19.1	15.9	13.3	9.89	8.38	17.2	17.2	15.8	18.4	22.5	25.0	29.5	35.5	39.1
12 Cushman 2	88.0	88.0	0	0	0	4.94	88.0	4.94	3.63	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17 Grand Coulee	5059	5127	4518	4571	5154	5177	5340	5238	5081	4505	4451	4312	4819	5118
18 Hells Canyon	202	202	284	247	253	253	328	253	313	305	319	361	306	260
19 Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20 Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22 Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23 La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24 Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25 Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.8	32.5	34.9	35.0
26 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27 Long Lake	72.0	72.0	72.0	72.0	72.3	72.5	68.6	63.6	63.9	68.7	72.3	72.5	72.5	72.5
28 Lower Baker	66.9	57.0	0	0	0	0	57.1	54.5	54.6	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31 Mayfield	125	125	125	125	125	125	163	125	125	125	125	83.6	128	125
32 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33 Merwin	147	146	129	131	130	143	128	114	114	113	124	124	131	149
34 Monroe Street	5.78	5.98	14.5	7.46	7.48	10.8	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35 Mossyrock	378	378	369	365	327	317	254	159	177	212	251	0	378	378
36 Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37 North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38 Noxon Rapids	327	331	395	433	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42 Pelton Rereg	10.1	10.1	-4.45	11.1	10.1	9.83	8.70	9.83	9.46	14.9	10.5	11.0	10.7	11.2
43 Post Falls	13.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45 River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46 Rock Island	575	584	573	555	541	569	599	607	619	619	618	586	587	588
47 Rocky Reach	1301	1299	1154	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48 Ross	0	362	388	339	291	393	355	300	220	196	188	246	358	441
49 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50 Swift 1	263	263	209	155	227	188	162	140	152	158	0.23	233	265	268
51 Swift 2	62.1	62.1	59.8	47.5	70.0	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54 Upper Baker	96.2	96.2	95.7	101	95.5	93.8	89.2	80.3	61.3	12.2	0	102	103	102
55 Upper Falls	9.80	9.80	9.59	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56 Wanapum	672	664	661	661	706	669	661	661	661	661	661	675	674	674
57 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58 Yale	130	131	133	85.7	130	112	102	94.0	94.0	106	106	0	133	133
Total Regulated Hydro														
59 Federal Entities	10814	9014	8849	8662	11163	11455	9707	9222	10147	8669	8659	13690	11696	11627
60 Investor Owned Utilities	4253	4178	4114	4025	4262	4279	4409	4264	4263	4116	4004	4465	4593	4546
61 Marketer	897	872	815	799	823	846	872	872	865	843	868	859	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1711	2091	2170	2087	2006	1977	2083	1804	1727	1766	1764	1811	2310	2155
63	Public Utility District	2300	2299	2181	2153	2197	2200	2225	2217	2168	2173	2223	2307	2306	2297
64	**Total Regulated Hydro**	**19976**	**18454**	**18129**	**17725**	**20450**	**20756**	**19295**	**18379**	**19171**	**17566**	**17518**	**23132**	**21787**	**21517**

Table A-7: Regional: Regulated Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Idle Capacity Adjustment	-5835	-7974	-8095	-7415	-5852	-6162	-7642	-8692	-7335	-8305	-8586	-4097	-7064	-6645
2 Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3 Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6 Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8 Cabinet Gorge	202	169	170	187	238	238	238	238	238	238	238	238	239	238
9 Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11 Cushman 1	21.4	16.8	13.3	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12 Cushman 2	88.0	88.0	0	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17 Grand Coulee	5059	5103	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18 Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19 Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20 Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22 Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23 La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24 Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25 Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27 Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28 Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31 Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33 Merwin	147	146	146	123	114	129	128	113	113	113	124	124	131	149
34 Monroe Street	5.78	5.98	11.0	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35 Mossyrock	378	378	378	318	282	271	215	134	134	155	202	0	378	378
36 Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37 North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38 Noxon Rapids	327	331	394	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42 Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43 Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45 River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46 Rock Island	587	595	582	555	541	569	597	607	619	619	619	588	589	589
47 Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48 Ross	0	362	394	337	286	385	345	269	183	187	188	246	358	441
49 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50 Swift 1	263	263	259	0.26	209	187	162	140	140	146	0.23	233	265	268
51 Swift 2	62.1	62.1	64.7	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54 Upper Baker	96.2	96.2	0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55 Upper Falls	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56 Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58 Yale	130	131	128	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
Total Regulated Hydro														
59 Federal Entities	10996	8917	8373	8606	11255	11665	10522	9514	10443	8996	8750	13380	11233	11215
60 Investor Owned Utilities	4287	4221	4055	3734	4226	4265	4408	4262	4250	4085	3997	4464	4593	4546
61 Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1713	2092	2158	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2299	2298	2194	2101	2233	2199	2224	2216	2164	2131	2185	2267	2305	2297
64	**Total Regulated Hydro**	**20193**	**18400**	**17595**	**17294**	**20514**	**20907**	**20040**	**18693**	**19446**	**17745**	**17469**	**22775**	**21315**	**21100**

Table A-7: Regional: Regulated Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Idle Capacity Adjustment	-5741	-8007	-8131	-7261	-5785	-6111	-7526	-8677	-7432	-8269	-8496	-3835	-6780	-6552
2 Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3 Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6 Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8 Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9 Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11 Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12 Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17 Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18 Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19 Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20 Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22 Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23 La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24 Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25 Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27 Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28 Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31 Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33 Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34 Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35 Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36 Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37 North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38 Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42 Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43 Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45 River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46 Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47 Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48 Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50 Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51 Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54 Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55 Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56 Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58 Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
Total Regulated Hydro														
59 Federal Entities	11086	8879	8337	8760	11323	11716	10638	9529	10345	9031	8841	13642	11517	11308
60 Investor Owned Utilities	4287	4221	4135	3734	4226	4265	4408	4262	4250	4085	3997	4464	4593	4546
61 Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2299	2297	2191	2101	2233	2199	2224	2216	2164	2131	2185	2267	2305	2297
64	**Total Regulated Hydro**	**20299**	**18376**	**17635**	**17447**	**20581**	**20958**	**20156**	**18708**	**19349**	**17781**	**17559**	**23037**	**21599**	**21193**

Table A-7: Regional: Regulated Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Idle Capacity Adjustment	-5644	-7935	-8032	-7099	-5646	-5940	-7400	-8580	-7328	-8105	-8388	-3966	-6815	-6430
2 Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3 Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6 Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8 Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9 Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11 Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12 Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17 Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18 Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19 Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20 Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22 Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23 La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24 Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25 Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27 Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28 Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31 Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33 Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34 Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35 Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36 Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37 North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38 Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42 Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43 Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45 River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46 Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47 Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48 Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50 Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51 Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54 Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55 Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56 Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58 Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
Total Regulated Hydro														
59 Federal Entities	11183	8950	8436	8922	11462	11887	10764	9626	10449	9195	8948	13510	11482	11430
60 Investor Owned Utilities	4287	4221	4135	3734	4226	4265	4408	4262	4250	4085	3997	4464	4593	4546
61 Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2299	2297	2191	2101	2233	2199	2224	2216	2164	2131	2185	2267	2305	2297
64	**Total Regulated Hydro**	**20396**	**18448**	**17734**	**17609**	**20721**	**21130**	**20282**	**18805**	**19453**	**17944**	**17667**	**22906**	**21564**	**21315**

Table A-7: Regional: Regulated Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5556	-7806	-7912	-7001	-5559	-5780	-7304	-8467	-7209	-7998	-8249	-3693	-6418	-6350
2	Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3	Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6	Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9	Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19	Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23	La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25	Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28	Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31	Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34	Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35	Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36	Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37	North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38	Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42	Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43	Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44	Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45	River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46	Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47	Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48	Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51	Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54	Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55	Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56	Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
	Total Regulated Hydro														
59	Federal Entities	11271	9080	8556	9020	11548	12046	10860	9739	10569	9303	9088	13783	11879	11510
60	Investor Owned Utilities	4287	4221	4135	3734	4226	4265	4408	4262	4250	4085	3997	4464	4593	4546
61	Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2299	2297	2191	2101	2233	2199	2224	2216	2164	2131	2185	2267	2305	2297
64	**Total Regulated Hydro**	**20484**	**18577**	**17854**	**17708**	**20807**	**21289**	**20378**	**18918**	**19572**	**18052**	**17806**	**23179**	**21961**	**21395**

Table A-7: Regional: Regulated Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5461	-7716	-7779	-6943	-5468	-5660	-7213	-8342	-7108	-7932	-8174	-3826	-6578	-6317
2	Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3	Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6	Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9	Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19	Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23	La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25	Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28	Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31	Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34	Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35	Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36	Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37	North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38	Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42	Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43	Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44	Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45	River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46	Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47	Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48	Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51	Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54	Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55	Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56	Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
	Total Regulated Hydro														
59	Federal Entities	11366	9170	8689	9078	11639	12167	10951	9864	10669	9369	9163	13650	11719	11543
60	Investor Owned Utilities	4287	4221	3709	3275	3767	3807	3950	3807	3833	3665	3558	4005	4134	4101
61	Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2299	2297	2618	2559	2692	2658	2683	2671	2582	2552	2623	2726	2764	2742
64	**Total Regulated Hydro**	**20579**	**18667**	**17987**	**17765**	**20898**	**21410**	**20469**	**19043**	**19673**	**18118**	**17881**	**23046**	**21802**	**21428**

Table A-7: Regional: Regulated Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Idle Capacity Adjustment	-5432	-7671	-7739	-6947	-5443	-5637	-7187	-8326	-7068	-7937	-8179	-3599	-6396	-6304
2 Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3 Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6 Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8 Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9 Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11 Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12 Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17 Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18 Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19 Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20 Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22 Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23 La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24 Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25 Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27 Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28 Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31 Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33 Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34 Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35 Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36 Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37 North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38 Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42 Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43 Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45 River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46 Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47 Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48 Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50 Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51 Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54 Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55 Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56 Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58 Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
Total Regulated Hydro														
59 Federal Entities	11395	9214	8728	9075	11664	12190	10977	9880	10709	9363	9158	13877	11901	11555
60 Investor Owned Utilities	3828	3762	3709	3275	3767	3807	3950	3807	3833	3665	3558	4005	4134	4101
61 Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2758	2756	2618	2559	2692	2658	2683	2671	2582	2552	2623	2726	2764	2742
64	**Total Regulated Hydro**	**20608**	**18712**	**18027**	**17762**	**20923**	**21432**	**20495**	**19059**	**19713**	**18113**	**17876**	**23273**	**21984**	**21441**

Table A-7: Regional: Regulated Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Idle Capacity Adjustment	-5418	-7620	-7783	-6929	-5411	-5706	-7093	-8345	-7112	-7940	-8188	-3644	-6529	-6347
2 Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3 Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6 Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8 Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9 Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11 Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12 Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17 Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18 Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19 Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20 Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22 Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23 La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24 Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25 Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27 Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28 Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31 Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33 Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34 Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35 Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36 Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37 North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38 Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42 Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43 Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45 River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46 Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47 Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48 Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50 Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51 Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54 Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55 Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56 Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58 Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
Total Regulated Hydro														
59 Federal Entities	11409	9266	8685	9092	11696	12121	11070	9861	10666	9361	9149	13833	11768	11513
60 Investor Owned Utilities	3828	3762	3709	3275	3767	3807	3950	3807	3833	3665	3558	4005	4134	4101
61 Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2758	2756	2618	2559	2692	2658	2683	2671	2582	2552	2623	2726	2764	2742
64	**Total Regulated Hydro**	**20622**	**18763**	**17983**	**17779**	**20955**	**21364**	**20589**	**19040**	**19669**	**18110**	**17867**	**23228**	**21851**	**21398**

Table A-7: Regional: Regulated Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5446	-7640	-7796	-6963	-5459	-5652	-7203	-8340	-7085	-7954	-8195	-3593	-6412	-6320
2	Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3	Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6	Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9	Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19	Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23	La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25	Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28	Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31	Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34	Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35	Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36	Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37	North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38	Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42	Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43	Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44	Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45	River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46	Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47	Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48	Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51	Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54	Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55	Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56	Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
	Total Regulated Hydro														
59	Federal Entities	11382	9245	8672	9059	11648	12175	10961	9866	10693	9347	9141	13883	11885	11539
60	Investor Owned Utilities	3828	3762	3709	3275	3767	3807	3950	3807	3833	3665	3558	4005	4134	4101
61	Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2758	2756	2618	2559	2692	2658	2683	2671	2582	2552	2623	2726	2764	2742
64	**Total Regulated Hydro**	**20594**	**18743**	**17970**	**17746**	**20907**	**21417**	**20479**	**19045**	**19696**	**18096**	**17860**	**23279**	**21968**	**21425**

Table A-7: Regional: Regulated Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-5433	-7635	-7799	-6946	-5427	-5701	-7088	-8341	-7107	-7955	-8203	-3619	-6524	-6342
2	Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3	Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6	Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9	Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19	Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23	La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25	Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28	Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31	Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34	Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35	Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36	Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37	North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38	Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42	Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43	Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44	Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45	River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46	Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47	Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48	Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51	Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54	Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55	Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56	Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
	Total Regulated Hydro														
59	Federal Entities	11394	9251	8668	9076	11680	12125	11076	9865	10670	9345	9133	13858	11773	11518
60	Investor Owned Utilities	3828	3762	3709	3275	3767	3807	3950	3807	3833	3665	3558	4005	4134	4101
61	Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2758	2756	2618	2559	2692	2658	2683	2671	2582	2552	2623	2726	2764	2742
64	**Total Regulated Hydro**	**20607**	**18748**	**17967**	**17763**	**20939**	**21368**	**20594**	**19044**	**19674**	**18095**	**17852**	**23253**	**21855**	**21403**

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Exhibit 16
Table A-8: Regional Independent Hydro

Monthly 120-Hour Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-8: Regional: Independent Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

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	9.01	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
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 Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	129	137	134	162	161	188	189	198	203	189	189	242	261	204
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	139	146	145	162	161	188	189	198	203	189	189	242	261	204
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**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 2014 to 2023
Using 1937-Water Conditions

Federal Report Surplus Deficit By Water Year

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	1074	778	464	469	909	508	339	-110	638	-83.9	1269	3313	3425	1006
2	1930 Federal Report Surplus Deficit	690	-542	794	150	752	588	-1134	149	428	201	2029	3171	1749	1798
3	1931 Federal Report Surplus Deficit	903	-324	479	-116	1061	-15.8	-1082	-1075	224	790	-1123	3680	2072	1548
4	1932 Federal Report Surplus Deficit	-3.63	-1398	54.5	38.9	369	385	-1003	-1201	2660	4637	4234	4889	5123	2107
5	1933 Federal Report Surplus Deficit	1107	549	1205	282	393	1457	2421	3260	3273	2997	2626	4367	5429	3150
6	1934 Federal Report Surplus Deficit	1636	2010	635	1298	3392	4475	4611	4676	4179	4688	4332	4472	3920	1970
7	1935 Federal Report Surplus Deficit	17.1	-774	217	-26.3	233	1064	2581	2395	2713	2848	2084	4076	3663	2506
8	1936 Federal Report Surplus Deficit	1608	362	308	282	826	508	-743	-819	1128	1106	3980	4948	4753	1723
9	1937 Federal Report Surplus Deficit	931	-283	212	227	1138	563	-788	-810	651	326	258	3892	2663	1538
10	1938 Federal Report Surplus Deficit	873	-834	702	27.1	267	1139	2292	2690	3340	4109	4398	4644	4494	2448
11	1939 Federal Report Surplus Deficit	817	190	775	450	717	537	686	1001	1618	2742	2987	4484	2905	1609
12	1940 Federal Report Surplus Deficit	336	-1130	155	471	1359	1251	241	365	2977	3146	3349	4347	3737	1184
13	1941 Federal Report Surplus Deficit	257	-1086	397	346	573	999	72.2	-600	453	482	1280	3694	3655	1649
14	1942 Federal Report Surplus Deficit	586	-652	782	235	880	2026	2394	512	1032	800	2901	3919	4632	2684
15	1943 Federal Report Surplus Deficit	1305	818	1346	338	269	1119	3052	3085	3690	4936	4698	4612	5334	2257
16	1944 Federal Report Surplus Deficit	847	332	564	278	946	480	403	83.6	307	-66.8	1596	2680	1104	1195
17	1945 Federal Report Surplus Deficit	524	-1049	334	150	776	-477	-642	-188	364	-406	-963	4323	4583	979
18	1946 Federal Report Surplus Deficit	1168	58.3	824	129	645	1297	2048	2425	3084	4082	4483	4694	4816	2586
19	1947 Federal Report Surplus Deficit	1343	776	922	185	841	3886	4376	4128	3790	3345	2973	4641	4894	2628
20	1948 Federal Report Surplus Deficit	1220	542	726	2761	2421	2693	4091	3242	2939	3329	4185	5107	5380	2973
21	1949 Federal Report Surplus Deficit	1704	1804	1064	537	844	1237	2686	708	4019	4019	4339	4972	4807	823
22	1950 Federal Report Surplus Deficit	142	-1037	147	228	775	1070	4062	3446	4465	4627	3913	4664	5169	2754
23	1951 Federal Report Surplus Deficit	1603	1778	794	1274	2744	4005	4588	4944	4773	4632	4218	4642	4753	2872
24	1952 Federal Report Surplus Deficit	1781	1169	758	2222	1716	2704	3719	3571	3875	4632	4466	4994	4956	2524
25	1953 Federal Report Surplus Deficit	1159	349	150	181	849	510	1339	2104	2668	2293	2612	4604	5454	2852
26	1954 Federal Report Surplus Deficit	1570	1249	647	441	1096	2081	3679	3853	4057	3545	3191	4685	4935	3309
27	1955 Federal Report Surplus Deficit	1974	2123	3148	594	1878	1644	1258	-147	265	681	2262	4385	5402	3466
28	1956 Federal Report Surplus Deficit	1726	1371	435	765	2321	3908	4559	4922	4489	4583	4577	4869	5425	2942
29	1957 Federal Report Surplus Deficit	1477	1111	755	706	804	2196	2329	1482	3202	4628	3362	5148	5315	2401
30	1958 Federal Report Surplus Deficit	936	-484	669	356	945	912	2672	2146	3285	3394	3639	4944	5123	2174
31	1959 Federal Report Surplus Deficit	795	-49.0	514	330	1621	3528	4422	4405	3990	4012	3135	4274	5157	2539
32	1960 Federal Report Surplus Deficit	1789	1536	3125	3612	3454	3355	3403	2538	3202	5023	4144	4426	4794	2313
33	1961 Federal Report Surplus Deficit	1302	274	451	494	879	1477	3255	2657	3920	4201	2534	4614	5214	2192
34	1962 Federal Report Surplus Deficit	864	547	308	253	902	819	2564	2438	1727	4704	4483	4620	5010	943
35	1963 Federal Report Surplus Deficit	1094	285	451	830	1852	3182	2429	2824	2250	2369	2556	4419	5019	2435
36	1964 Federal Report Surplus Deficit	1225	531	970	234	569	1427	1650	1259	1847	3898	2375	4578	5435	3236
37	1965 Federal Report Surplus Deficit	1750	1228	1402	1281	1544	4002	4656	4966	4501	3218	4363	4722	4589	2504
38	1966 Federal Report Surplus Deficit	1661	1669	215	714	1244	1705	2397	1858	1305	4498	2917	4245	3997	2506
39	1967 Federal Report Surplus Deficit	1372	435	544	186	694	1754	3967	4090	4301	2450	453	4334	5155	2825
40	1968 Federal Report Surplus Deficit	1572	983	656	470	1313	1709	3275	3632	3523	1807	1595	3553	4801	2654
41	1969 Federal Report Surplus Deficit	1626	1296	1834	1349	2424	2736	4446	4642	3790	4525	4273	4947	4923	2631
42	1970 Federal Report Surplus Deficit	1057	192	769	434	1090	812	2327	2198	2726	2941	1859	4429	5197	1891
43	1971 Federal Report Surplus Deficit	1105	104	397	217	802	1119	4612	4781	4700	4516	4067	4927	5395	3278
44	1972 Federal Report Surplus Deficit	1975	1855	909	816	975	2040	4632	4839	5109	4917	3736	4925	5347	3220
45	1973 Federal Report Surplus Deficit	1833	2008	1263	725	1034	1640	2485	1252	771	-641	1128	3644	3609	1366
46	1974 Federal Report Surplus Deficit	599	-791	371	-28.9	565	2134	4634	4703	4834	4808	4513	4852	5309	3482
47	1975 Federal Report Surplus Deficit	1823	1749	1107	176	933	1112	2311	2998	3707	2235	2487	4597	5339	3569
48	1976 Federal Report Surplus Deficit	1589	1326	1178	1573	2721	4453	4338	4565	4347	4670	4330	4871	5026	3009
49	1977 Federal Report Surplus Deficit	2141	2237	3617	801	963	419	339	424	651	-596	1381	2152	837	843
50	1978 Federal Report Surplus Deficit	190	-1407	-186	7.81	221	2198	2387	2265	2763	4564	3079	4395	3905	2499
51	1979 Federal Report Surplus Deficit	1039	399	1904	905	1029	785	1756	17.0	2884	2011	2658	4819	3252	1019
52	1980 Federal Report Surplus Deficit	134	-759	337	265	893	300	694	890	772	3247	3339	5004	4833	1508
53	1981 Federal Report Surplus Deficit	569	-688	537	456	865	3568	3709	2352	2306	790	3306	4827	5254	2714
54	1982 Federal Report Surplus Deficit	1801	2054	789	424	1281	2293	3851	4741	4921	4333	3743	4778	5205	2888
55	1983 Federal Report Surplus Deficit	1937	1903	2030	1446	1368	2624	4165	4052	4632	4156	3314	4677	4884	2890
56	1984 Federal Report Surplus Deficit	1684	1275	1036	571	2988	2588	3533	3860	3958	4888	4430	4685	5445	3027
57	1985 Federal Report Surplus Deficit	1495	867	1049	642	1266	1660	1993	1774	2575	3662	3698	4733	3990	-12.9
58	1986 Federal Report Surplus Deficit	1.45	-1685	300	361	2222	1483	3172	3767	5045	4395	4013	4271	4875	2122

Federal Report Surplus Deficit By Water Year

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	1187	176	347	183	773	1798	1140	-548	2308	1481	2183	4525	3604	1307
60	1988 Federal Report Surplus Deficit	-40.4	-1735	417	-6.28	662	257	-687	-752	422	376	2241	3689	3683	1881
61	1989 Federal Report Surplus Deficit	487	-582	778	-271	301	1063	453	-20.4	2178	3752	4208	4454	3778	1188
62	1990 Federal Report Surplus Deficit	466	-833	478	94.6	1032	1536	2820	3156	3795	3189	4523	4369	4895	2315
63	1991 Federal Report Surplus Deficit	1619	1182	379	-26.5	2796	2987	3663	4076	3786	3876	3324	4598	4665	2842
64	1992 Federal Report Surplus Deficit	1769	1911	478	160	854	602	489	32.0	1415	837	1627	4257	3216	905
65	1993 Federal Report Surplus Deficit	-20.6	-1359	250	-135	791	782	-893	-956	1924	1321	2072	4420	4270	2113
66	1994 Federal Report Surplus Deficit	928	73.5	867	-29.9	1241	694	-534	-816	652	209	1981	4093	3634	1746
67	1995 Federal Report Surplus Deficit	607	-839	462	-284	406	334	952	2489	3236	3724	2499	4196	4959	2388
68	1996 Federal Report Surplus Deficit	1138	422	1432	946	3632	4259	4682	4975	5040	4438	4645	4819	5083	3096
69	1997 Federal Report Surplus Deficit	1847	1384	407	352	1147	2570	4729	4739	5121	4480	4622	4774	5334	3168
70	1998 Federal Report Surplus Deficit	1889	1626	1967	2992	2335	2359	2001	2460	2510	2189	3190	5045	5287	2486
71	1999 Federal Report Surplus Deficit	1597	178	669	293	533	2035	4266	4639	4731	3777	3987	4686	5380	3197
72	2000 Federal Report Surplus Deficit	2070	2213	1356	529	3094	3216	2995	2929	3516	4521	4402	4435	4054	2273
73	2001 Federal Report Surplus Deficit	1488	-367	453	320	847	544	346	224	510	-180	1297	3250	579	1304
74	2002 Federal Report Surplus Deficit	249	-790	-63.8	-833	344	369	-115	366	1094	3846	4034	4060	5008	2953
75	2003 Federal Report Surplus Deficit	1358	444	785	-23.8	1132	730	-219	3.69	3210	3179	2884	4103	4930	1312
76	2004 Federal Report Surplus Deficit	265	-1398	122	295	1048	1409	569	303	1231	1548	2962	4351	4091	1535
77	2005 Federal Report Surplus Deficit	434	-292	675	559	988	2055	2109	1328	1630	736	2090	4287	4338	1762
78	2006 Federal Report Surplus Deficit	1013	-389	777	-119	935	1403	2731	3951	3521	4869	4501	4973	4953	2248
79	2007 Federal Report Surplus Deficit	482	-1081	487	64.8	1055	1296	2948	1892	4111	3841	3131	4469	3879	2458
80	2008 Federal Report Surplus Deficit	991	-975	55.3	261	866	761	1057	658	1937	2206	1203	4829	5437	2708

Ranked Averages

81	**Bottom 10 pct**	**52.5**	**-1269**	**192**	**91.6**	**771**	**942**	**1289**	**1232**	**2595**	**3252**	**3122**	**4426**	**4440**	**2186**
82	**Middle 80 pct**	**1142**	**327**	**714**	**487**	**1223**	**1729**	**2267**	**2184**	**2815**	**2955**	**3042**	**4444**	**4473**	**2214**
83	**Top 10 pct**	**1958**	**1919**	**1837**	**1032**	**1599**	**2064**	**2826**	**2569**	**2822**	**2464**	**3004**	**4255**	**4344**	**2464**

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	1636	1229	431	103	465	200	10.8	-91.4	400	-370	1265	1934	2446	-66.7
2	1930 Federal Report Surplus Deficit	913	-417	762	47.9	456	320	-830	142	506	203	1809	2176	-263	1675
3	1931 Federal Report Surplus Deficit	1156	-247	477	-33.9	625	324	-1368	-1242	319	679	-200	2760	819	1345
4	1932 Federal Report Surplus Deficit	149	-1146	8.52	-181	-61.8	188	-1449	-1245	2787	3793	3889	4058	4239	1927
5	1933 Federal Report Surplus Deficit	1824	1416	1292	153	-34.2	1705	2001	3109	2738	2676	2318	3546	4557	3013
6	1934 Federal Report Surplus Deficit	1903	2319	865	949	2901	4020	4212	4292	3780	4249	3952	3623	3045	1751
7	1935 Federal Report Surplus Deficit	838	-71.1	180	94.7	-174	1360	2223	2578	2917	1787	1754	3262	2883	2423
8	1936 Federal Report Surplus Deficit	1897	402	174	-47.5	324	248	-535	-723	807	1171	3703	4100	3851	1435
9	1937 Federal Report Surplus Deficit	1183	-196	68.2	-63.4	617	279	-707	-1080	394	86.6	-98.2	2754	1441	1066
10	1938 Federal Report Surplus Deficit	642	-667	723	143	19.5	1737	2061	2056	2731	3758	4055	3832	3866	2195
11	1939 Federal Report Surplus Deficit	1221	422	791	219	280	225	951	706	1472	2471	2744	3642	1345	1277
12	1940 Federal Report Surplus Deficit	556	-919	82.2	315	718	1658	935	-214	3451	2623	2161	3348	1852	1214
13	1941 Federal Report Surplus Deficit	436	-857	359	132	267	1475	-222	-161	792	344	979	2771	1618	1636
14	1942 Federal Report Surplus Deficit	821	-517	932	-48.2	918	1839	1743	1368	1888	1163	2504	2961	3228	2551
15	1943 Federal Report Surplus Deficit	1603	864	1511	234	-155	1131	2550	3294	3263	4546	4329	3795	4451	2131
16	1944 Federal Report Surplus Deficit	1528	1012	505	-194	439	163	61.1	-33.4	356	-378	1251	1375	-330	850
17	1945 Federal Report Surplus Deficit	768	-843	269	132	410	-373	-1039	-384	459	-491	-437	3476	3725	600
18	1946 Federal Report Surplus Deficit	1434	110	787	-94.8	214	1627	1764	1950	2864	3717	4140	3878	3945	2456
19	1947 Federal Report Surplus Deficit	1910	1392	946	-238	507	3569	3560	3794	3779	3068	2653	3840	4028	2558
20	1948 Federal Report Surplus Deficit	1514	561	689	2387	1923	2562	3665	3051	2722	3025	3859	4238	4507	2868
21	1949 Federal Report Surplus Deficit	2175	2489	1866	151	398	1193	2152	1134	3583	3695	3847	4032	3955	555
22	1950 Federal Report Surplus Deficit	436	-714	-27.4	-33.1	335	1230	3643	3750	3826	4269	3573	3841	4290	2658
23	1951 Federal Report Surplus Deficit	2153	2412	945	895	2241	3672	4177	4632	4251	4205	3881	3815	3701	2810
24	1952 Federal Report Surplus Deficit	2241	1974	906	1865	1242	2573	3304	3605	3006	4253	4226	4164	4184	2258
25	1953 Federal Report Surplus Deficit	1665	881	-4.80	-204	168	308	1635	1869	2572	1990	2241	3779	4591	2742
26	1954 Federal Report Surplus Deficit	1893	1342	779	35.9	643	2010	3159	3515	3448	3191	2937	3879	4114	3189
27	1955 Federal Report Surplus Deficit	2569	2546	3229	210	1396	1596	917	487	1030	993	1992	3472	4463	3319
28	1956 Federal Report Surplus Deficit	2002	2086	530	393	1826	3588	4238	4346	4052	4197	4217	4047	4558	2829
29	1957 Federal Report Surplus Deficit	2086	2255	770	311	359	2113	2056	1556	2738	4294	2826	4188	4457	2408
30	1958 Federal Report Surplus Deficit	1507	604	627	46.6	498	811	2393	1968	2980	3113	3366	4122	4242	1952
31	1959 Federal Report Surplus Deficit	1369	445	456	285	951	3219	3992	4136	3436	3658	2870	3451	4278	2351
32	1960 Federal Report Surplus Deficit	2294	2431	3311	3284	2965	3102	2994	2159	2752	4611	3807	3574	3912	2265
33	1961 Federal Report Surplus Deficit	1590	301	359	122	381	1435	2882	2445	3546	3462	2231	3775	4331	2216
34	1962 Federal Report Surplus Deficit	1333	842	248	-110	460	830	2178	2187	1295	4345	4130	3801	4129	858
35	1963 Federal Report Surplus Deficit	1235	551	358	664	1192	2991	2745	2774	2513	1746	1986	3449	3509	2315
36	1964 Federal Report Surplus Deficit	1491	609	956	-131	139	1327	1281	807	1306	3581	2054	3732	4566	3135
37	1965 Federal Report Surplus Deficit	2072	2333	1598	919	1075	3663	4305	4647	4031	2759	4008	3906	3724	2585
38	1966 Federal Report Surplus Deficit	2205	2381	376	333	776	1654	2016	1548	1397	4141	2716	3157	3163	2380
39	1967 Federal Report Surplus Deficit	1651	457	509	-170	255	1636	3646	3782	3620	2148	245	3474	4269	2757
40	1968 Federal Report Surplus Deficit	2053	1793	801	72.7	849	1659	2911	2799	3472	1511	1304	2621	3889	2527
41	1969 Federal Report Surplus Deficit	1973	1614	1960	989	1927	2601	4015	4264	3377	4112	3930	4115	4054	2524
42	1970 Federal Report Surplus Deficit	1905	1239	734	93.9	644	713	2007	2593	2532	2643	991	3482	4289	1999
43	1971 Federal Report Surplus Deficit	1216	387	330	-181	360	992	3979	4431	4310	4136	3814	4095	4522	3115
44	1972 Federal Report Surplus Deficit	2477	2435	1497	422	527	1981	4208	4485	4758	4509	3448	4094	4477	3091
45	1973 Federal Report Surplus Deficit	2404	2419	2010	335	582	1596	2258	1232	704	-973	815	2704	1501	1145
46	1974 Federal Report Surplus Deficit	813	-643	329	9.05	-106	2725	4272	4294	4499	4415	4160	4031	4429	3346
47	1975 Federal Report Surplus Deficit	2306	2415	1939	-275	486	1065	1885	2625	3216	1934	2219	3768	4462	3475
48	1976 Federal Report Surplus Deficit	2092	1831	1352	1213	2219	4019	3909	4199	3918	4282	3986	4048	4040	2972
49	1977 Federal Report Surplus Deficit	2539	2602	3714	425	514	113	-7.29	175	688	-994	1088	1221	-1345	936
50	1978 Federal Report Surplus Deficit	309	-1186	-346	-485	-135	2341	2241	2447	2354	4182	2828	3580	3081	2593
51	1979 Federal Report Surplus Deficit	1310	421	2022	534	584	862	1601	355	2425	1715	2381	3852	2100	509
52	1980 Federal Report Surplus Deficit	308	-591	216	25.8	440	-56.7	1034	597	740	2970	3054	4162	3944	1421
53	1981 Federal Report Surplus Deficit	1123	-152	559	169	423	3231	3249	3234	2767	362	2389	3618	4363	2572
54	1982 Federal Report Surplus Deficit	2089	2351	1090	75.9	781	2201	3428	4455	4622	4012	3444	3949	4320	2873
55	1983 Federal Report Surplus Deficit	2452	2515	2718	1084	907	2507	3726	3729	4214	3802	2815	3819	3948	2928
56	1984 Federal Report Surplus Deficit	2208	2281	1206	184	2484	2475	3096	3531	3582	4496	3976	3872	4521	2888
57	1985 Federal Report Surplus Deficit	1955	1279	1158	248	808	1616	1600	1383	2145	3326	3351	3907	2921	-217
58	1986 Federal Report Surplus Deficit	159	-1306	246	984	1784	1387	2732	3477	4678	4018	3705	3442	4004	1997

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	1460	212	285	-211	329	1750	1317	398	1911	1187	1914	3409	2679	916
60	1988 Federal Report Surplus Deficit	118	-1355	344	-139	311	-92.5	-602	-1029	603	400	1899	2706	1673	1870
61	1989 Federal Report Surplus Deficit	692	-450	742	-150	54.0	1433	173	-677	2028	3461	3870	3629	2968	549
62	1990 Federal Report Surplus Deficit	682	-644	396	-49.2	907	1810	2386	2994	3176	2714	4163	3563	4037	2092
63	1991 Federal Report Surplus Deficit	1982	1450	459	-415	2120	2833	3233	3733	3298	3487	2725	3757	3897	2752
64	1992 Federal Report Surplus Deficit	2055	2231	583	-260	407	586	831	418	1774	374	1051	2500	855	798
65	1993 Federal Report Surplus Deficit	137	-1152	271	-31.4	359	766	-1090	-1179	1610	1082	1894	3629	3580	1743
66	1994 Federal Report Surplus Deficit	1182	125	871	-125	794	608	-503	-176	413	-33.6	1789	3270	2548	1522
67	1995 Federal Report Surplus Deficit	818	-676	437	-240	-16.7	829	621	2393	3493	2178	1745	3220	4057	2278
68	1996 Federal Report Surplus Deficit	1380	454	1558	1264	3153	3870	4293	4639	4665	4114	4271	3996	4240	2967
69	1997 Federal Report Surplus Deficit	2221	2340	637	-58.3	692	2458	4332	4340	4786	4095	4256	3958	4469	3058
70	1998 Federal Report Surplus Deficit	2475	2491	2382	2653	1840	2277	2078	1870	2110	1898	2600	4068	4372	2461
71	1999 Federal Report Surplus Deficit	2008	514	624	-68.5	34.0	2024	3873	4319	4360	3434	3487	3855	4503	3084
72	2000 Federal Report Surplus Deficit	2483	2594	1739	212	2539	3025	2613	2571	3100	4127	4031	3495	3319	2305
73	2001 Federal Report Surplus Deficit	1784	-261	374	-19.5	401	234	16.4	-49.7	700	-555	1313	2222	-1763	943
74	2002 Federal Report Surplus Deficit	435	-623	-151	-578	-24.9	791	56.7	475	1166	2799	3721	3212	4132	2816
75	2003 Federal Report Surplus Deficit	1954	1227	758	-443	685	455	9.28	26.5	2828	2858	2616	3255	4074	686
76	2004 Federal Report Surplus Deficit	463	-1046	53.6	107	533	1945	668	-544	1860	2117	2067	3305	3055	1023
77	2005 Federal Report Surplus Deficit	653	-204	823	220	538	1991	1730	1576	1478	440	1818	3429	3360	1386
78	2006 Federal Report Surplus Deficit	1249	-261	748	75.6	486	1329	2309	3607	3107	4407	4162	4135	4103	2054
79	2007 Federal Report Surplus Deficit	1167	219	415	-405	927	1344	2645	1539	3822	3497	2829	3608	3007	2331
80	2008 Federal Report Surplus Deficit	1162	-739	-19.1	115	368	992	826	674	1591	2017	666	3975	4564	2591

Ranked Averages

81	**Bottom 10 pct**	**256**	**-1009**	**70.1**	**-54.8**	**376**	**819**	**821**	**912**	**2221**	**2939**	**3070**	**3579**	**3618**	**2128**
82	**Middle 80 pct**	**1506**	**723**	**746**	**244**	**776**	**1715**	**2078**	**2098**	**2642**	**2633**	**2700**	**3536**	**3419**	**2011**
83	**Top 10 pct**	**2463**	**2502**	**2404**	**633**	**1099**	**1770**	**2210**	**2147**	**2477**	**1912**	**2376**	**3330**	**3150**	**2458**

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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	1393	1174	242	134	522	242	18.2	104	400	-374	1297	2888	3324	-87.7
2	1930 Federal Report Surplus Deficit	690	-169	276	79.0	512	362	-789	337	507	196	1834	3123	717	1643
3	1931 Federal Report Surplus Deficit	961	-293	-323	-3.73	680	367	-1295	-1073	319	671	-152	3690	1745	1314
4	1932 Federal Report Surplus Deficit	76.3	-1381	22.4	-150	-0.09	230	-1362	-1076	2845	3793	3891	4877	5111	1895
5	1933 Federal Report Surplus Deficit	1589	1450	635	183	34.3	1754	1971	3315	2799	2671	2332	4428	5438	3002
6	1934 Federal Report Surplus Deficit	1768	2142	572	970	2982	4066	4209	4478	3867	4246	3957	4481	3906	1719
7	1935 Federal Report Surplus Deficit	499	-393	-398	123	-94.7	1407	2193	2787	2981	1779	1779	4164	3749	2396
8	1936 Federal Report Surplus Deficit	1835	643	43.2	-15.4	381	290	-500	-540	818	1163	3699	4916	4715	1403
9	1937 Federal Report Surplus Deficit	1092	-371	-106	-31.0	672	322	-675	-906	394	81.0	-50.0	3687	2355	1037
10	1938 Federal Report Surplus Deficit	828	-505	-194	173	86.1	1786	2031	2266	2785	3757	4059	4683	4731	2161
11	1939 Federal Report Surplus Deficit	1081	-40.2	493	249	338	267	935	911	1494	2465	2751	4525	2251	1246
12	1940 Federal Report Surplus Deficit	391	-628	-184	342	773	1707	916	-23.4	3524	2619	2176	4250	2742	1184
13	1941 Federal Report Surplus Deficit	666	-752	-394	160	325	1523	-202	33.6	803	336	1014	3694	2513	1603
14	1942 Federal Report Surplus Deficit	777	-447	-261	-18.8	974	1889	1715	1577	1927	1155	2512	3872	4090	2529
15	1943 Federal Report Surplus Deficit	1497	581	959	263	-76.0	1177	2520	3501	3332	4544	4368	4640	5329	2101
16	1944 Federal Report Surplus Deficit	1479	777	170	-159	496	205	64.7	163	356	-382	1283	2337	653	823
17	1945 Federal Report Surplus Deficit	497	-1147	-758	162	466	-331	-975	-199	460	-494	-389	4374	4596	544
18	1946 Federal Report Surplus Deficit	1219	126	99.6	-61.5	275	1675	1736	2160	2923	3720	4156	4723	4811	2434
19	1947 Federal Report Surplus Deficit	1796	1230	570	-203	564	3621	3543	3994	3862	3064	2660	4691	4896	2534
20	1948 Federal Report Surplus Deficit	1544	443	471	2402	1992	2614	3650	3258	2779	3022	3859	5037	5388	2855
21	1949 Federal Report Surplus Deficit	1992	2307	1646	181	455	1240	2122	1341	3659	3693	3844	4861	4829	498
22	1950 Federal Report Surplus Deficit	386	-748	-298	-0.98	393	1277	3628	3952	3908	4268	3567	4702	5161	2633
23	1951 Federal Report Surplus Deficit	2030	2162	669	918	2315	3725	4173	4818	4347	4205	3881	4672	4565	2795
24	1952 Federal Report Surplus Deficit	2014	2017	627	1879	1299	2625	3283	3810	3068	4253	4245	4970	5059	2220
25	1953 Federal Report Surplus Deficit	1393	332	-206	-169	228	351	1609	2079	2625	1983	2257	4639	5473	2724
26	1954 Federal Report Surplus Deficit	1553	932	502	67.3	698	2060	3135	3720	3522	3188	2938	4727	4982	3192
27	1955 Federal Report Surplus Deficit	2296	2420	3151	240	1457	1644	901	690	1046	985	2012	4364	5340	3322
28	1956 Federal Report Surplus Deficit	1868	1752	243	421	1893	3641	4185	4663	4140	4192	4235	4870	5439	2814
29	1957 Federal Report Surplus Deficit	1971	2094	496	340	418	2163	2026	1766	2792	4293	2829	4977	5341	2381
30	1958 Federal Report Surplus Deficit	1584	873	298	78.2	553	856	2364	2179	3045	3110	3362	4934	5115	1920
31	1959 Federal Report Surplus Deficit	1015	413	246	314	1006	3272	3984	4330	3512	3658	2872	4324	5153	2322
32	1960 Federal Report Surplus Deficit	2203	2269	3369	3313	3046	3155	2970	2369	2807	4605	3804	4458	4778	2236
33	1961 Federal Report Surplus Deficit	1585	243	173	152	438	1482	2856	2656	3622	3460	2247	4627	5207	2187
34	1962 Federal Report Surplus Deficit	1493	895	2.69	-77.2	516	875	2148	2397	1317	4339	4141	4653	4998	831
35	1963 Federal Report Surplus Deficit	1215	268	103	688	1249	3043	2719	2871	2662	1738	2005	4345	4370	2287
36	1964 Federal Report Surplus Deficit	1418	458	682	-97.8	201	1375	1259	1013	1328	3580	2074	4596	5447	3134
37	1965 Federal Report Surplus Deficit	1939	2170	1335	941	1132	3715	4302	4833	4122	2753	4025	4741	4590	2560
38	1966 Federal Report Surplus Deficit	2060	2233	40.0	361	831	1703	1986	1758	1420	4140	2719	4071	4024	2352
39	1967 Federal Report Surplus Deficit	1707	346	277	-138	315	1685	3631	3982	3702	2142	291	4367	5145	2738
40	1968 Federal Report Surplus Deficit	1957	1630	523	103	905	1708	2884	3008	3550	1503	1335	3557	4761	2502
41	1969 Federal Report Surplus Deficit	1851	1519	1773	1008	1995	2653	4008	4462	3424	4111	3934	4931	4922	2498
42	1970 Federal Report Surplus Deficit	1803	1067	484	126	699	757	1978	2802	2586	2638	1030	4370	5163	1967
43	1971 Federal Report Surplus Deficit	776	-136	129	-148	418	1038	3969	4615	4409	4134	3812	4909	5402	3113
44	1972 Federal Report Surplus Deficit	2354	2268	1236	451	583	2031	4204	4664	4865	4511	3443	4910	5357	3089
45	1973 Federal Report Surplus Deficit	2286	2290	1812	364	637	1645	2228	1441	711	-968	853	3637	2400	1115
46	1974 Federal Report Surplus Deficit	832	-777	-397	39.4	-32.7	2777	4267	4476	4605	4414	4175	4856	5305	3352
47	1975 Federal Report Surplus Deficit	2200	2282	1732	-240	543	1111	1857	2835	3282	1927	2234	4628	5341	3493
48	1976 Federal Report Surplus Deficit	1987	1781	1071	1232	2292	4069	3898	4393	4007	4279	3991	4871	4916	2960
49	1977 Federal Report Surplus Deficit	2343	2511	3625	452	570	155	-3.62	375	696	-994	1124	2167	-306	907
50	1978 Federal Report Surplus Deficit	122	-1369	-973	-448	-62.7	2392	2211	2500	2532	4181	2829	4437	3942	2570
51	1979 Federal Report Surplus Deficit	1226	256	1231	560	639	907	1574	555	2472	1707	2394	4704	2985	484
52	1980 Federal Report Surplus Deficit	287	-596	170	56.8	496	-16.7	1017	801	747	2967	3051	4966	4817	1376
53	1981 Federal Report Surplus Deficit	946	-426	325	198	479	3284	3229	3439	2827	354	2399	4493	5245	2551
54	1982 Federal Report Surplus Deficit	2002	2177	1079	108	836	2252	3408	4718	4663	4012	3439	4775	5195	2860
55	1983 Federal Report Surplus Deficit	2209	2338	2323	1105	962	2558	3710	3933	4306	3802	2819	4670	4813	2920
56	1984 Federal Report Surplus Deficit	2061	2234	1211	214	2561	2526	3070	3736	3657	4494	3981	4720	5401	2875
57	1985 Federal Report Surplus Deficit	2104	1504	913	279	863	1665	1573	1592	2189	3324	3346	4752	3786	-225
58	1986 Federal Report Surplus Deficit	5.14	-1181	-66.7	1005	1850	1434	2703	3683	4823	4017	3701	4327	4872	1961

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	1369	30.2	60.8	-177	388	1799	1294	600	1949	1179	1936	4304	3545	888
60	1988 Federal Report Surplus Deficit	152	-1023	-304	-108	367	-42.3	-564	-854	607	393	1919	3640	2575	1838
61	1989 Federal Report Surplus Deficit	927	-390	-245	-117	119	1481	179	-493	2065	3461	3871	4499	3832	524
62	1990 Federal Report Surplus Deficit	488	-368	19.0	-17.0	963	1860	2356	3201	3245	2709	4181	4439	4904	2061
63	1991 Federal Report Surplus Deficit	1767	1228	193	-378	2193	2885	3210	3933	3372	3485	2729	4617	4762	2738
64	1992 Federal Report Surplus Deficit	1924	2051	341	-226	464	630	814	620	1810	366	1086	3439	1779	770
65	1993 Federal Report Surplus Deficit	220	-1017	-802	-1.60	416	811	-1025	-1008	1636	1074	1917	4504	4440	1711
66	1994 Federal Report Surplus Deficit	1226	326	159	-91.5	850	652	-470	17.6	412	-39.1	1813	4170	3416	1490
67	1995 Federal Report Surplus Deficit	762	-680	-264	-208	49.1	874	614	2603	3570	2172	1771	4129	4932	2237
68	1996 Federal Report Surplus Deficit	1293	517	666	1283	3233	3911	4290	4825	4767	4131	4301	4826	5114	2962
69	1997 Federal Report Surplus Deficit	2121	2165	281	-25.6	747	2510	4330	4522	4895	4091	4283	4783	5349	3055
70	1998 Federal Report Surplus Deficit	2296	2343	2271	2670	1907	2328	2048	2080	2152	1890	2610	4875	5258	2412
71	1999 Federal Report Surplus Deficit	2065	1026	353	-35.3	101	2074	3861	4513	4456	3433	3482	4714	5383	3077
72	2000 Federal Report Surplus Deficit	2327	2477	1508	241	2617	3078	2584	2781	3165	4130	4042	4387	4181	2276
73	2001 Federal Report Surplus Deficit	1673	-521	135	12.8	457	276	19.7	146	709	-559	1345	3169	-690	915
74	2002 Federal Report Surplus Deficit	380	-867	-1081	-541	41.9	835	66.3	678	1184	2795	3717	4120	5002	2799
75	2003 Federal Report Surplus Deficit	1738	680	256	-408	740	498	20.5	223	2886	2854	2623	4154	4944	643
76	2004 Federal Report Surplus Deficit	109	-960	-451	136	588	1995	658	-358	1897	2111	2086	4205	3916	994
77	2005 Federal Report Surplus Deficit	305	-462	1199	249	593	2041	1701	1785	1506	432	1838	4302	4220	1356
78	2006 Federal Report Surplus Deficit	1201	-200	230	105	542	1376	2279	3811	3177	4400	4177	4936	4980	1989
79	2007 Federal Report Surplus Deficit	1194	140	-113	-368	982	1392	2616	1749	3905	3496	2831	4487	3871	2301
80	2008 Federal Report Surplus Deficit	951	-536	-568	143	425	1037	812	878	1619	2010	709	4799	5445	2565
	Ranked Averages														
81	**Bottom 10 pct**	**160**	**-999**	**-151**	**92.5**	**531**	**1106**	**667**	**684**	**2074**	**2371**	**2654**	**4407**	**4237**	**1713**
82	**Middle 80 pct**	**1401**	**629**	**301**	**204**	**787**	**1701**	**2070**	**2356**	**2731**	**2658**	**2744**	**4413**	**4341**	**2054**
83	**Top 10 pct**	**2289**	**2364**	**2412**	**1104**	**1472**	**2074**	**2330**	**2292**	**2469**	**2245**	**2588**	**4184**	**3978**	**2285**

Federal Report Surplus Deficit By Water Year

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	1429	1295	259	53.6	461	165	-112	-169	309	-509	1208	1876	2429	-167
2	1930 Federal Report Surplus Deficit	715	-47.4	294	-1.67	458	285	-916	65.0	417	67.3	1751	2121	-305	1554
3	1931 Federal Report Surplus Deficit	999	-171	-307	-84.4	642	291	-1421	-1338	215	544	-265	2714	789	1226
4	1932 Federal Report Surplus Deficit	55.7	-1282	38.7	-231	-95.6	153	-1487	-1341	2777	3622	3797	4045	4220	1805
5	1933 Federal Report Surplus Deficit	1614	1567	654	103	-92.6	1678	1831	3041	2733	2521	2255	3514	4531	2908
6	1934 Federal Report Surplus Deficit	1760	2236	591	888	2801	3941	4067	4211	3798	4074	3859	3595	3032	1630
7	1935 Federal Report Surplus Deficit	512	-272	-383	42.5	-262	1333	2052	2511	2917	1644	1696	3225	2869	2306
8	1936 Federal Report Surplus Deficit	1830	770	57.6	-96.1	316	213	-628	-809	730	1034	3616	4084	3837	1314
9	1937 Federal Report Surplus Deficit	1132	-253	-91.7	-112	632	246	-803	-1172	289	-49.8	-164	2707	1414	950
10	1938 Federal Report Surplus Deficit	864	-387	-180	92.2	-32.1	1710	1892	1990	2716	3589	3963	3807	3851	2076
11	1939 Federal Report Surplus Deficit	1121	82.8	512	168	263	188	800	635	1412	2322	2677	3623	1320	1158
12	1940 Federal Report Surplus Deficit	409	-511	-168	261	738	1631	780	-295	3461	2471	2099	3311	1831	1096
13	1941 Federal Report Surplus Deficit	686	-641	-380	79.5	254	1448	-332	-239	716	209	922	2728	1596	1514
14	1942 Federal Report Surplus Deficit	812	-328	-246	-99.5	946	1812	1577	1300	1851	1027	2437	2921	3217	2438
15	1943 Federal Report Surplus Deficit	1518	708	978	182	-243	1103	2379	3226	3268	4373	4236	3771	4428	2011
16	1944 Federal Report Surplus Deficit	1508	903	186	-240	432	127	-66.5	-110	252	-516	1194	1311	-372	737
17	1945 Federal Report Surplus Deficit	518	-1046	-749	81.4	408	-416	-1100	-468	355	-633	-506	3441	3720	460
18	1946 Federal Report Surplus Deficit	1260	250	115	-142	183	1600	1598	1884	2855	3552	4046	3854	3926	2339
19	1947 Federal Report Surplus Deficit	1789	1350	590	-284	505	3518	3398	3722	3797	2909	2586	3816	4010	2443
20	1948 Federal Report Surplus Deficit	1558	571	490	2319	1944	2529	3504	2983	2711	2866	3768	4228	4480	2761
21	1949 Federal Report Surplus Deficit	1978	2394	1663	100	388	1166	1980	1065	3596	3525	3758	4012	3949	415
22	1950 Federal Report Surplus Deficit	387	-638	-287	-81.6	317	1203	3482	3679	3843	4093	3490	3821	4271	2543
23	1951 Federal Report Surplus Deficit	2017	2255	688	837	2240	3619	4028	4552	4265	4028	3791	3794	3688	2702
24	1952 Federal Report Surplus Deficit	1999	2116	646	1796	1276	2541	3138	3535	3002	4077	4133	4151	4170	2131
25	1953 Federal Report Surplus Deficit	1421	459	-194	-250	143	274	1471	1803	2555	1845	2178	3750	4562	2632
26	1954 Federal Report Surplus Deficit	1581	1057	521	-13.4	652	1983	2990	3445	3459	3031	2865	3854	4097	3091
27	1955 Federal Report Surplus Deficit	2297	2504	3166	159	1432	1569	767	415	961	857	1932	3437	4440	3222
28	1956 Federal Report Surplus Deficit	1853	1859	261	341	1852	3537	4040	4394	4071	4021	4124	4029	4531	2721
29	1957 Federal Report Surplus Deficit	1956	2189	515	259	345	2084	1885	1489	2723	4119	2755	4174	4427	2291
30	1958 Federal Report Surplus Deficit	1608	998	316	-2.41	501	781	2222	1902	2981	2951	3286	4108	4222	1831
31	1959 Federal Report Surplus Deficit	1055	541	264	233	976	3177	3838	4059	3449	3487	2799	3417	4256	2232
32	1960 Federal Report Surplus Deficit	2194	2358	3389	3232	2856	3059	2826	2092	2739	4441	3718	3540	3899	2146
33	1961 Federal Report Surplus Deficit	1608	369	190	71.2	370	1408	2713	2379	3558	3295	2169	3746	4308	2097
34	1962 Federal Report Surplus Deficit	1523	1020	19.7	-158	457	801	2008	2121	1235	4167	4037	3772	4111	745
35	1963 Federal Report Surplus Deficit	1253	395	118	607	1225	2952	2575	2595	2594	1606	1925	3414	3497	2197
36	1964 Federal Report Surplus Deficit	1446	585	702	-178	103	1300	1123	737	1245	3412	1994	3705	4539	3035
37	1965 Federal Report Surplus Deficit	1923	2259	1353	859	1106	3609	4161	4567	4048	2606	3914	3885	3711	2469
38	1966 Federal Report Surplus Deficit	2048	2320	57.7	280	798	1627	1847	1481	1337	3966	2645	3117	3149	2262
39	1967 Federal Report Surplus Deficit	1711	473	295	-218	231	1609	3485	3710	3637	2002	184	3452	4247	2646
40	1968 Federal Report Surplus Deficit	1942	1741	542	22.1	871	1632	2741	2732	3487	1371	1247	2573	3881	2409
41	1969 Federal Report Surplus Deficit	1840	1629	1787	927	1947	2569	3862	4194	3360	3936	3838	4099	4042	2409
42	1970 Federal Report Surplus Deficit	1796	1190	502	45.0	654	683	1839	2526	2517	2490	935	3455	4267	1878
43	1971 Federal Report Surplus Deficit	805	-13.2	147	-229	345	964	3824	4350	4329	3963	3724	4079	4496	3019
44	1972 Federal Report Surplus Deficit	2355	2358	1254	370	525	1954	4060	4329	4749	4338	3367	4077	4451	2994
45	1973 Federal Report Surplus Deficit	2296	2375	1828	283	589	1570	2087	1164	623	-1114	757	2656	1477	1027
46	1974 Federal Report Surplus Deficit	865	-665	-382	-41.3	-179	2691	4128	4212	4506	4240	4067	4012	4407	3250
47	1975 Federal Report Surplus Deficit	2199	2368	1748	-321	484	1037	1718	2558	3218	1790	2156	3741	4436	3386
48	1976 Federal Report Surplus Deficit	1971	1885	1090	1150	2219	3949	3753	4123	3937	4105	3894	4030	4028	2866
49	1977 Federal Report Surplus Deficit	2343	2595	3647	372	519	78.6	-135	101	608	-1139	1031	1164	-1399	821
50	1978 Federal Report Surplus Deficit	115	-1275	-971	-530	-207	2311	2071	2224	2462	4006	2755	3551	3068	2479
51	1979 Federal Report Surplus Deficit	1266	382	1248	479	590	832	1436	281	2400	1575	2318	3831	2081	400
52	1980 Federal Report Surplus Deficit	282	-482	187	-23.8	440	-98.8	882	526	659	2811	2977	4149	3931	1287
53	1981 Federal Report Surplus Deficit	986	-306	344	117	421	3188	3084	3165	2761	227	2324	3587	4336	2460
54	1982 Federal Report Surplus Deficit	1987	2270	1097	26.9	800	2172	3263	4449	4554	3839	3363	3930	4298	2766
55	1983 Federal Report Surplus Deficit	2198	2425	2336	1023	930	2475	3565	3659	4232	3632	2745	3800	3933	2823
56	1984 Federal Report Surplus Deficit	2049	2321	1230	134	2461	2444	2926	3462	3593	4322	3883	3848	4496	2781
57	1985 Federal Report Surplus Deficit	2089	1620	932	198	825	1590	1435	1316	2116	3163	3271	3886	2907	-312
58	1986 Federal Report Surplus Deficit	-30.8	-1085	-52.0	924	1812	1360	2561	3408	4687	3843	3617	3408	3989	1871

Federal Report Surplus Deficit By Water Year

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	1408	154	78.6	-257	309	1723	1158	325	1873	1050	1855	3374	2664	801
60	1988 Federal Report Surplus Deficit	142	-920	-292	-188	311	-129	-691	-1120	518	265	1838	2659	1649	1749
61	1989 Federal Report Surplus Deficit	964	-272	-234	-198	7.28	1406	48.1	-763	1989	3297	3778	3599	2954	440
62	1990 Federal Report Surplus Deficit	506	-250	34.4	-97.6	935	1783	2215	2926	3182	2560	4069	3531	4023	1971
63	1991 Federal Report Surplus Deficit	1772	1349	210	-460	2125	2796	3065	3660	3309	3318	2655	3729	3881	2644
64	1992 Federal Report Surplus Deficit	1911	2148	359	-306	401	555	680	345	1733	239	994	2449	826	684
65	1993 Federal Report Surplus Deficit	214	-910	-794	-82.3	353	737	-1151	-1273	1555	947	1835	3598	3567	1621
66	1994 Federal Report Surplus Deficit	1267	453	174	-172	818	578	-598	-255	321	-170	1730	3233	2533	1401
67	1995 Federal Report Surplus Deficit	790	-566	-248	-288	-65.6	800	481	2327	3506	2033	1687	3182	4046	2147
68	1996 Federal Report Surplus Deficit	1334	644	685	1201	3010	3781	4149	4559	4652	3950	4178	3976	4218	2865
69	1997 Federal Report Surplus Deficit	2107	2258	299	-106	703	2428	4188	4258	4768	3918	4162	3940	4443	2957
70	1998 Federal Report Surplus Deficit	2294	2430	2285	2586	1865	2248	1909	1804	2078	1755	2534	4055	4356	2322
71	1999 Federal Report Surplus Deficit	2050	1152	371	-116	-19.5	1997	3716	4243	4375	3267	3405	3840	4478	2983
72	2000 Federal Report Surplus Deficit	2321	2563	1525	161	2504	2987	2442	2504	3100	3954	3938	3461	3308	2186
73	2001 Federal Report Surplus Deficit	1689	-407	152	-67.8	398	199	-112	-127	621	-695	1256	2167	-1824	829
74	2002 Federal Report Surplus Deficit	386	-759	-1084	-623	-77.7	761	-64.2	403	1099	2644	3632	3173	4114	2707
75	2003 Federal Report Surplus Deficit	1756	807	274	-488	704	422	-110	-50.0	2819	2702	2548	3218	4059	567
76	2004 Federal Report Surplus Deficit	73.0	-860	-441	55.3	542	1917	525	-628	1821	1973	2006	3267	3042	908
77	2005 Federal Report Surplus Deficit	306	-344	1217	169	542	1964	1561	1509	1426	305	1758	3398	3347	1267
78	2006 Federal Report Surplus Deficit	1241	-80.6	247	24.4	486	1302	2138	3537	3113	4228	4068	4124	4094	1902
79	2007 Federal Report Surplus Deficit	1235	265	-98.9	-450	953	1318	2473	1472	3840	3331	2757	3576	2993	2211
80	2008 Federal Report Surplus Deficit	987	-423	-560	62.7	364	963	678	603	1539	1873	608	3957	4536	2475

Ranked Averages

81	**Bottom 10 pct**	**144**	**-895**	**-138**	**11.6**	**462**	**1027**	**534**	**413**	**1988**	**2221**	**2573**	**3509**	**3352**	**1623**
82	**Middle 80 pct**	**1415**	**744**	**343**	**178**	**753**	**1651**	**1949**	**2076**	**2647**	**2546**	**2678**	**3512**	**3430**	**1944**
83	**Top 10 pct**	**2288**	**2452**	**2224**	**579**	**1106**	**1740**	**2052**	**2067**	**2446**	**1759**	**2308**	**3299**	**3125**	**2348**

Federal Report Surplus Deficit By Water Year

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

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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	1326	1252	76.9	-54.2	334	28.4	-178	-305	138	-673	1055	2685	3206	-200
2	1930 Federal Report Surplus Deficit	570	-88.4	113	-110	330	148	-1032	-70.9	247	-95.5	1594	2918	606	1514
3	1931 Federal Report Surplus Deficit	864	-212	-492	-192	513	134	-1585	-1473	56.4	381	-403	3486	1643	1184
4	1932 Federal Report Surplus Deficit	-93.4	-1361	-145	-339	-218	16.7	-1672	-1476	2607	3459	3637	4735	4893	1769
5	1933 Federal Report Surplus Deficit	1529	1521	476	-4.68	-210	1456	1797	2900	2562	2358	2095	4246	5202	2886
6	1934 Federal Report Surplus Deficit	1712	2180	413	784	2692	3777	3950	4068	3626	3914	3700	4314	3752	1592
7	1935 Federal Report Surplus Deficit	364	-313	-569	-64.5	-376	1123	2014	2372	2746	1482	1540	3970	3614	2279
8	1936 Federal Report Surplus Deficit	1779	732	-130	-204	189	72.3	-734	-944	560	872	3453	4776	4527	1273
9	1937 Federal Report Surplus Deficit	1003	-296	-281	-220	503	94.4	-904	-1307	131	-213	-301	3482	2251	908
10	1938 Federal Report Surplus Deficit	726	-432	-371	-15.2	-151	1488	1857	1851	2546	3426	3803	4521	4540	2040
11	1939 Federal Report Surplus Deficit	989	42.7	333	60.8	138	64.5	763	498	1242	2160	2515	4348	2146	1116
12	1940 Federal Report Surplus Deficit	261	-556	-352	155	609	1408	746	-430	3291	2308	1939	4056	2632	1053
13	1941 Federal Report Surplus Deficit	539	-691	-569	-27.3	128	1233	-415	-375	546	46.0	771	3492	2405	1475
14	1942 Federal Report Surplus Deficit	674	-372	-431	-207	818	1588	1545	1163	1681	864	2275	3674	3928	2415
15	1943 Federal Report Surplus Deficit	1438	670	800	75.1	-357	905	2334	3086	3098	4212	4087	4482	5098	1978
16	1944 Federal Report Surplus Deficit	1418	864	1.77	-350	305	-1.27	-127	-246	93.2	-680	1041	2139	542	695
17	1945 Federal Report Surplus Deficit	372	-1103	-950	-25.9	281	-500	-1252	-604	197	-797	-639	4185	4414	405
18	1946 Federal Report Surplus Deficit	1136	212	-71.9	-251	59.5	1381	1566	1745	2685	3384	3891	4564	4619	2313
19	1947 Federal Report Surplus Deficit	1747	1306	412	-394	378	3327	3310	3581	3625	2747	2424	4530	4685	2419
20	1948 Federal Report Surplus Deficit	1488	533	311	2214	1825	2305	3411	2843	2541	2704	3607	4908	5152	2740
21	1949 Federal Report Surplus Deficit	1932	2341	1478	-7.22	261	963	1940	928	3425	3363	3596	4713	4630	378
22	1950 Federal Report Surplus Deficit	238	-689	-482	-190	192	994	3390	3538	3672	3928	3326	4536	4944	2518
23	1951 Federal Report Surplus Deficit	1970	2200	511	732	2125	3432	3910	4409	4091	3866	3630	4507	4382	2680
24	1952 Federal Report Surplus Deficit	1956	2061	468	1692	1149	2316	3061	3395	2832	3913	3978	4836	4846	2096
25	1953 Federal Report Surplus Deficit	1331	421	-386	-359	18.5	128	1440	1665	2385	1683	2019	4471	5235	2610
26	1954 Federal Report Surplus Deficit	1491	1017	342	-121	524	1756	2923	3305	3288	2868	2702	4565	4773	3065
27	1955 Federal Report Surplus Deficit	2235	2456	2966	51.5	1306	1347	730	279	791	695	1774	4176	5111	3195
28	1956 Federal Report Surplus Deficit	1810	1807	79.6	234	1731	3347	3923	4252	3899	3851	3969	4726	5203	2699
29	1957 Federal Report Surplus Deficit	1912	2133	336	152	219	1857	1847	1351	2553	3956	2592	4853	5101	2264
30	1958 Federal Report Surplus Deficit	1525	959	136	-111	373	604	2181	1764	2811	2788	3122	4797	4894	1795
31	1959 Federal Report Surplus Deficit	923	503	83.2	126	848	2970	3728	3917	3278	3324	2636	4145	4927	2204
32	1960 Federal Report Surplus Deficit	2143	2303	3194	3124	2747	2854	2756	1954	2569	4280	3556	4274	4585	2118
33	1961 Federal Report Surplus Deficit	1526	331	8.06	-36.3	243	1194	2651	2240	3388	3132	2010	4462	4979	2068
34	1962 Federal Report Surplus Deficit	1430	981	-163	-266	330	621	1971	1982	1065	3998	3880	4486	4786	703
35	1963 Federal Report Surplus Deficit	1143	357	-66.9	502	1098	2737	2515	2456	2424	1444	1767	4155	4202	2170
36	1964 Federal Report Surplus Deficit	1356	547	524	-287	-19.4	1091	1090	600	1075	3249	1836	4426	5210	3010
37	1965 Federal Report Surplus Deficit	1880	2205	1172	754	978	3424	4046	4424	3874	2443	3759	4589	4394	2447
38	1966 Federal Report Surplus Deficit	1999	2267	-124	174	669	1404	1813	1343	1167	3804	2483	3872	3872	2235
39	1967 Federal Report Surplus Deficit	1651	435	116	-327	107	1390	3393	3568	3465	1840	41.9	4190	4917	2625
40	1968 Federal Report Surplus Deficit	1899	1691	365	-85.4	743	1410	2683	2593	3316	1209	1094	3352	4549	2388
41	1969 Federal Report Surplus Deficit	1794	1579	1598	822	1828	2344	3751	4051	3189	3774	3678	4792	4731	2387
42	1970 Federal Report Surplus Deficit	1747	1149	323	-63.2	526	511	1805	2387	2347	2328	786	4190	4938	1842
43	1971 Federal Report Surplus Deficit	662	-53.9	-34.9	-338	219	773	3717	4206	4155	3791	3562	4770	5168	2991
44	1972 Federal Report Surplus Deficit	2294	2303	1075	263	398	1728	3942	4116	4573	4173	3203	4770	5122	2973
45	1973 Federal Report Surplus Deficit	2226	2325	1641	176	461	1353	2049	1027	452	-1278	609	3431	2294	985
46	1974 Federal Report Surplus Deficit	724	-714	-570	-149	-294	2469	4022	4068	4331	4078	3911	4710	5078	3222
47	1975 Federal Report Surplus Deficit	2140	2316	1564	-431	357	844	1686	2419	3047	1627	1997	4460	5107	3349
48	1976 Federal Report Surplus Deficit	1927	1832	912	1046	2104	3784	3648	3981	3764	3943	3735	4727	4711	2842
49	1977 Federal Report Surplus Deficit	2282	2550	3455	265	391	-64.3	-195	-35.3	437	-1303	881	1980	-437	778
50	1978 Federal Report Surplus Deficit	-34.7	-1339	-1184	-641	-321	2084	2032	2085	2293	3844	2592	4269	3790	2455
51	1979 Federal Report Surplus Deficit	1151	345	1066	373	463	650	1404	145	2230	1413	2157	4544	2872	360
52	1980 Federal Report Surplus Deficit	132	-530	4.16	-132	313	-185	846	389	489	2648	2812	4833	4605	1245
53	1981 Federal Report Surplus Deficit	856	-349	165	10.1	294	2982	3003	3024	2591	64.0	2162	4315	5008	2437
54	1982 Federal Report Surplus Deficit	1944	2215	919	-81.2	671	1945	3184	4307	4382	3677	3199	4628	4969	2745
55	1983 Federal Report Surplus Deficit	2149	2372	2143	919	802	2249	3472	3519	4059	3468	2583	4510	4616	2802
56	1984 Federal Report Surplus Deficit	2001	2268	1051	26.3	2348	2218	2864	3322	3423	4161	3724	4560	5167	2759
57	1985 Federal Report Surplus Deficit	2045	1573	755	90.7	697	1370	1404	1178	1946	3000	3106	4596	3650	-334
58	1986 Federal Report Surplus Deficit	-173	-1147	-240	819	1690	1148	2512	3268	4513	3680	3454	4142	4667	1836

Federal Report Surplus Deficit By Water Year

Operating Year 2018

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	1298	115	-103	-367	184	1500	1126	189	1703	888	1698	4114	3410	759
60	1988 Federal Report Surplus Deficit	-7.87	-976	-485	-297	183	-215	-802	-1256	347	103	1681	3435	2470	1711
61	1989 Federal Report Surplus Deficit	828	-315	-427	-307	-113	1193	-14.4	-898	1819	3135	3618	4324	3693	400
62	1990 Federal Report Surplus Deficit	359	-294	-152	-206	807	1557	2173	2786	3011	2397	3914	4260	4703	1938
63	1991 Federal Report Surplus Deficit	1711	1306	27.8	-570	2009	2578	2993	3519	3138	3155	2492	4448	4563	2623
64	1992 Federal Report Surplus Deficit	1867	2093	180	-416	274	393	643	209	1563	76.1	843	3233	1676	642
65	1993 Federal Report Surplus Deficit	64.1	-964	-996	-190	226	559	-1302	-1408	1386	785	1678	4325	4274	1582
66	1994 Federal Report Surplus Deficit	1145	415	-11.8	-281	689	405	-701	-391	150	-333	1574	3977	3286	1360
67	1995 Federal Report Surplus Deficit	647	-614	-433	-397	-185	618	435	2188	3335	1871	1532	3932	4721	2115
68	1996 Federal Report Surplus Deficit	1219	607	507	1097	2902	3596	4035	4416	4473	3794	4027	4677	4889	2842
69	1997 Federal Report Surplus Deficit	2061	2202	117	-215	575	2201	4071	4114	4597	3753	4010	4638	5114	2934
70	1998 Federal Report Surplus Deficit	2235	2377	2091	2481	1745	2020	1874	1666	1909	1592	2373	4741	5025	2300
71	1999 Federal Report Surplus Deficit	2007	1112	191	-225	-138	1770	3613	4101	4201	3104	3242	4552	5149	2959
72	2000 Federal Report Surplus Deficit	2266	2512	1343	53.5	2392	2772	2394	2365	2930	3792	3781	4198	4030	2158
73	2001 Federal Report Surplus Deficit	1617	-454	-31.1	-176	271	60.6	-171	-263	450	-859	1104	2964	-836	787
74	2002 Federal Report Surplus Deficit	237	-812	-1308	-733	-197	584	-132	266	929	2482	3470	3923	4788	2685
75	2003 Federal Report Surplus Deficit	1680	770	91.6	-598	575	271	-180	-186	2649	2540	2386	3962	4738	520
76	2004 Federal Report Surplus Deficit	-69.5	-918	-638	-51.7	414	1691	482	-764	1651	1810	1848	4012	3767	865
77	2005 Federal Report Surplus Deficit	157	-388	1036	61.6	414	1737	1528	1371	1256	143	1600	4125	4061	1225
78	2006 Federal Report Surplus Deficit	1112	-124	63.7	-83.0	359	1092	2098	3397	2942	4065	3912	4806	4771	1862
79	2007 Federal Report Surplus Deficit	1107	227	-289	-560	825	1108	2424	1334	3668	3168	2594	4306	3729	2182
80	2008 Federal Report Surplus Deficit	849	-471	-763	-44.3	237	771	639	466	1369	1711	462	4657	5209	2450

Ranked Averages

81	**Bottom 10 pct**	**-3.23**	**-953**	**-331**	**-96.1**	**338**	**855**	**453**	**276**	**1818**	**2059**	**2413**	**4235**	**4066**	**1586**
82	**Middle 80 pct**	**1323**	**699**	**133**	**15.1**	**592**	**1426**	**1861**	**1944**	**2485**	**2342**	**2497**	**4243**	**4153**	**1933**
83	**Top 10 pct**	**2229**	**2400**	**2238**	**917**	**1280**	**1782**	**2128**	**1861**	**2215**	**1927**	**2345**	**4010**	**3793**	**2164**

Federal Report Surplus Deficit By Water Year

Operating Year 2019

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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	1301	1229	16.6	-100	431	159	-65.4	-185	106	-639	1137	1717	2235	-337
2	1930 Federal Report Surplus Deficit	536	-110	53.6	-155	426	278	-896	49.2	213	-67.0	1676	1962	-522	1434
3	1931 Federal Report Surplus Deficit	833	-233	-554	-238	607	253	-1429	-1340	22.3	407	-317	2556	594	1101
4	1932 Federal Report Surplus Deficit	-133	-1353	-207	-385	-113	147	-1506	-1344	2536	3517	3738	3885	3951	1689
5	1933 Federal Report Surplus Deficit	1506	1500	423	-50.2	-95.6	1541	1890	3013	2490	2401	2178	3360	4253	2793
6	1934 Federal Report Surplus Deficit	1692	2170	359	742	2804	3899	4086	4177	3568	3966	3802	3442	2812	1513
7	1935 Federal Report Surplus Deficit	328	-334	-633	-110	-254	1213	2108	2484	2674	1514	1621	3070	2662	2190
8	1936 Federal Report Surplus Deficit	1759	705	-195	-251	288	200	-603	-818	518	899	3550	3927	3589	1192
9	1937 Federal Report Surplus Deficit	973	-314	-347	-266	597	217	-775	-1177	97.0	-183	-215	2548	1223	817
10	1938 Federal Report Surplus Deficit	694	-449	-437	-60.7	-39.2	1572	1950	1963	2475	3482	3905	3654	3603	1952
11	1939 Federal Report Surplus Deficit	958	20.5	278	15.5	238	202	861	614	1190	2197	2600	3464	1130	1031
12	1940 Federal Report Surplus Deficit	226	-573	-414	110	702	1492	842	-308	3220	2349	2022	3155	1640	968
13	1941 Federal Report Surplus Deficit	504	-702	-635	-72.2	227	1320	-294	-254	503	72.8	853	2571	1406	1395
14	1942 Federal Report Surplus Deficit	642	-390	-495	-252	910	1671	1638	1276	1618	891	2360	2765	2991	2323
15	1943 Federal Report Surplus Deficit	1415	643	752	30.1	-234	1001	2429	3198	3027	4265	4196	3618	4152	1896
16	1944 Federal Report Surplus Deficit	1394	838	-60.3	-396	403	134	-16.8	-127	59.2	-647	1123	1152	-591	598
17	1945 Federal Report Surplus Deficit	337	-1106	-1021	-71.4	378	-341	-1101	-479	163	-759	-553	3285	3469	329
18	1946 Federal Report Surplus Deficit	1107	188	-136	-298	164	1466	1659	1858	2614	3437	3996	3700	3678	2223
19	1947 Federal Report Surplus Deficit	1706	1283	358	-441	475	3431	3422	3693	3562	2793	2509	3661	3745	2328
20	1948 Federal Report Surplus Deficit	1466	507	255	2177	1926	2388	3526	2955	2470	2751	3707	4067	4202	2647
21	1949 Federal Report Surplus Deficit	1911	2332	1436	-52.8	360	1057	2035	1042	3357	3417	3694	3857	3686	301
22	1950 Federal Report Surplus Deficit	200	-699	-551	-236	293	1085	3504	3650	3607	3987	3419	3666	4003	2427
23	1951 Federal Report Surplus Deficit	1949	2190	457	689	2230	3538	4041	4517	4045	3927	3729	3635	3447	2587
24	1952 Federal Report Surplus Deficit	1935	2049	415	1655	1242	2399	3169	3508	2760	3973	4083	3992	3903	2016
25	1953 Federal Report Surplus Deficit	1307	395	-453	-406	122	253	1533	1778	2315	1717	2102	3595	4284	2516
26	1954 Federal Report Surplus Deficit	1468	991	287	-167	618	1838	3026	3418	3218	2917	2789	3699	3833	2981
27	1955 Federal Report Surplus Deficit	2212	2445	2917	6.12	1401	1431	828	395	744	721	1856	3283	4164	3111
28	1956 Federal Report Surplus Deficit	1790	1791	20.0	189	1831	3451	4054	4363	3841	3914	4074	3873	4254	2605
29	1957 Federal Report Surplus Deficit	1891	2123	281	107	319	1939	1941	1464	2482	4015	2679	4026	4150	2176
30	1958 Federal Report Surplus Deficit	1501	933	77.0	-157	469	712	2276	1877	2739	2838	3214	3950	3951	1714
31	1959 Federal Report Surplus Deficit	893	477	24.5	81.2	940	3064	3853	4029	3209	3382	2722	3264	3982	2117
32	1960 Federal Report Surplus Deficit	2121	2294	3138	3078	2859	2948	2861	2066	2498	4328	3654	3386	3647	2031
33	1961 Federal Report Surplus Deficit	1503	306	-52.5	-81.9	342	1283	2753	2352	3319	3186	2093	3589	4034	1982
34	1962 Federal Report Surplus Deficit	1406	955	-224	-313	427	727	2064	2094	1012	4057	3983	3613	3846	606
35	1963 Federal Report Surplus Deficit	1117	331	-130	458	1191	2826	2616	2568	2353	1473	1849	3260	3265	2082
36	1964 Federal Report Surplus Deficit	1333	520	472	-334	87.1	1182	1185	715	1023	3305	1918	3550	4261	2922
37	1965 Federal Report Surplus Deficit	1859	2196	1127	713	1071	3530	4183	4532	3823	2485	3864	3730	3457	2354
38	1966 Federal Report Surplus Deficit	1978	2257	-184	129	762	1488	1905	1456	1114	3863	2569	2961	2931	2147
39	1967 Federal Report Surplus Deficit	1630	409	58.0	-373	210	1475	3508	3681	3401	1875	126	3283	3972	2530
40	1968 Federal Report Surplus Deficit	1878	1674	310	-131	835	1493	2783	2705	3248	1238	1175	2414	3610	2296
41	1969 Federal Report Surplus Deficit	1774	1562	1557	782	1929	2428	3876	4162	3120	3833	3780	3942	3784	2292
42	1970 Federal Report Surplus Deficit	1726	1124	267	-109	620	622	1898	2499	2277	2369	867	3296	3993	1762
43	1971 Federal Report Surplus Deficit	629	-75.4	-95.0	-384	319	874	3839	4312	4108	3853	3661	3922	4219	2906
44	1972 Federal Report Surplus Deficit	2271	2294	1029	218	495	1810	4073	4158	4477	4228	3295	3921	4173	2882
45	1973 Federal Report Surplus Deficit	2202	2315	1599	131	556	1439	2143	1140	413	-1236	690	2499	1287	897
46	1974 Federal Report Surplus Deficit	692	-726	-634	-195	-173	2553	4160	4171	4280	4135	4016	3857	4133	3142
47	1975 Federal Report Surplus Deficit	2117	2307	1521	-478	454	944	1779	2531	2975	1660	2080	3588	4159	3283
48	1976 Federal Report Surplus Deficit	1907	1818	864	1006	2209	3904	3769	4093	3708	4000	3836	3874	3768	2751
49	1977 Federal Report Surplus Deficit	2259	2538	3395	221	487	62.5	-85.3	82.3	397	-1260	962	1020	-1652	685
50	1978 Federal Report Surplus Deficit	-72.7	-1336	-1261	-683	-201	2166	2126	2197	2222	3903	2679	3398	2849	2363
51	1979 Federal Report Surplus Deficit	1123	319	1022	329	557	755	1497	263	2162	1442	2241	3674	1889	251
52	1980 Federal Report Surplus Deficit	94.1	-544	-57.0	-178	409	-27.4	944	505	449	2695	2902	3990	3665	1164
53	1981 Federal Report Surplus Deficit	827	-368	110	-35.2	391	3076	3112	3137	2519	90.8	2247	3433	4059	2344
54	1982 Federal Report Surplus Deficit	1923	2205	871	-127	764	2026	3292	4418	4352	3735	3292	3774	4024	2651
55	1983 Federal Report Surplus Deficit	2127	2363	2102	877	894	2332	3587	3632	4006	3525	2669	3646	3679	2708
56	1984 Federal Report Surplus Deficit	1979	2259	1004	-19.3	2457	2300	2966	3434	3353	4215	3826	3694	4219	2666
57	1985 Federal Report Surplus Deficit	2024	1553	705	45.0	790	1456	1497	1292	1879	3051	3199	3733	2700	-490
58	1986 Federal Report Surplus Deficit	-215	-1146	-305	777	1790	1237	2609	3381	4487	3740	3551	3254	3728	1757

Federal Report Surplus Deficit By Water Year

Operating Year 2019

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	1272	91.9	-162	-413	286	1584	1220	306	1640	915	1779	3219	2459	665
60	1988 Federal Report Surplus Deficit	-46.2	-981	-553	-343	280	-53.2	-669	-1126	311	130	1763	2501	1459	1632
61	1989 Federal Report Surplus Deficit	797	-333	-496	-353	-2.63	1281	96.6	-772	1756	3187	3718	3446	2745	291
62	1990 Federal Report Surplus Deficit	324	-312	-216	-252	899	1639	2267	2898	2940	2439	4020	3378	3764	1856
63	1991 Federal Report Surplus Deficit	1690	1282	-32.7	-613	2113	2665	3099	3632	3068	3211	2578	3576	3625	2529
64	1992 Federal Report Surplus Deficit	1846	2082	122	-463	372	510	741	326	1501	103	924	2291	632	545
65	1993 Federal Report Surplus Deficit	26.1	-971	-1068	-235	324	667	-1151	-1276	1330	811	1760	3444	3337	1503
66	1994 Federal Report Surplus Deficit	1117	390	-75.3	-327	782	516	-571	-270	119	-303	1655	3078	2331	1279
67	1995 Federal Report Surplus Deficit	614	-628	-496	-443	-74.3	723	538	2300	3267	1905	1613	3027	3782	2028
68	1996 Federal Report Surplus Deficit	1191	580	452	1057	3013	3708	4172	4523	4450	3856	4134	3821	3944	2752
69	1997 Federal Report Surplus Deficit	2040	2192	57.4	-261	669	2283	4208	4217	4568	3812	4117	3784	4165	2844
70	1998 Federal Report Surplus Deficit	2213	2368	2050	2443	1844	2102	1967	1778	1843	1624	2457	3896	4081	2194
71	1999 Federal Report Surplus Deficit	1986	1086	132	-271	-25.4	1852	3733	4213	4155	3158	3334	3677	4201	2868
72	2000 Federal Report Surplus Deficit	2244	2502	1299	8.14	2502	2861	2491	2478	2858	3851	3884	3306	3089	2071
73	2001 Federal Report Surplus Deficit	1595	-468	-92.0	-222	368	190	-61.7	-143	410	-823	1185	2008	-2101	691
74	2002 Federal Report Surplus Deficit	201	-820	-1389	-776	-84.2	692	-18.5	382	880	2525	3567	3018	3847	2592
75	2003 Federal Report Surplus Deficit	1658	743	31.2	-645	668	394	-65.3	-66.8	2577	2584	2471	3063	3799	421
76	2004 Federal Report Surplus Deficit	-111	-920	-708	-96.8	508	1773	583	-639	1588	1844	1930	3112	2825	772
77	2005 Federal Report Surplus Deficit	120	-406	991	16.5	509	1819	1621	1483	1199	169	1682	3245	3123	1141
78	2006 Federal Report Surplus Deficit	1082	-142	2.51	-128	455	1183	2192	3509	2871	4120	4017	3964	3832	1784
79	2007 Federal Report Surplus Deficit	1078	203	-354	-603	917	1198	2521	1447	3604	3222	2681	3422	2783	2097
80	2008 Federal Report Surplus Deficit	817	-484	-835	-89.3	334	871	738	581	1312	1744	545	3801	4259	2360

Ranked Averages

81	**Bottom 10 pct**	**-42.2**	**-957**	**-396**	**-141**	**438**	**966**	**569**	**398**	**1765**	**2101**	**2501**	**3354**	**3117**	**1503**
82	**Middle 80 pct**	**1296**	**680**	**74.7**	**-29.8**	**692**	**1526**	**1971**	**2058**	**2427**	**2387**	**2588**	**3359**	**3190**	**1842**
83	**Top 10 pct**	**2206**	**2390**	**2191**	**873**	**1380**	**1873**	**2233**	**1966**	**2154**	**1973**	**2434**	**3119**	**2808**	**2073**

Federal Report Surplus Deficit By Water Year

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

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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	1197	1179	-180	-298	240	-22.0	-241	-210	-63.0	-841	1001	2587	2932	-428
2	1930 Federal Report Surplus Deficit	419	-155	-142	-353	234	97.8	-1075	24.0	43.1	-269	1544	2824	320	1362
3	1931 Federal Report Surplus Deficit	722	-279	-752	-435	412	69.4	-1610	-1365	-141	206	-473	3395	1363	1025
4	1932 Federal Report Surplus Deficit	-258	-1361	-404	-582	-300	-33.4	-1689	-1370	2358	3313	3583	4605	4618	1618
5	1933 Federal Report Surplus Deficit	1405	1454	228	-248	-281	1344	1712	2985	2313	2198	2048	4137	4926	2722
6	1934 Federal Report Surplus Deficit	1595	2136	164	548	2633	3704	3893	4141	3388	3762	3646	4194	3480	1442
7	1935 Federal Report Surplus Deficit	209	-378	-832	-307	-433	1019	1930	2457	2496	1312	1489	3870	3341	2123
8	1936 Federal Report Surplus Deficit	1662	652	-395	-448	96.6	18.6	-780	-844	347	698	3409	4646	4252	1118
9	1937 Federal Report Surplus Deficit	864	-356	-547	-463	402	33.6	-953	-1202	-66.2	-385	-372	3390	1974	739
10	1938 Federal Report Surplus Deficit	582	-489	-638	-258	-225	1375	1772	1937	2298	3278	3750	4399	4263	1894
11	1939 Federal Report Surplus Deficit	848	-26.6	82.9	-182	48.5	23.1	686	589	1016	1995	2470	4234	1869	955
12	1940 Federal Report Surplus Deficit	108	-612	-612	-87.0	507	1295	667	-334	3042	2146	1892	3957	2357	891
13	1941 Federal Report Surplus Deficit	386	-736	-835	-270	37.0	1125	-470	-280	332	-128	715	3399	2129	1323
14	1942 Federal Report Surplus Deficit	529	-432	-693	-450	713	1474	1461	1251	1442	690	2230	3579	3655	2254
15	1943 Federal Report Surplus Deficit	1315	590	555	-168	-415	809	2250	3171	2848	4067	4029	4357	4823	1826
16	1944 Federal Report Surplus Deficit	1292	785	-258	-592	212	-45.6	-192	-152	-104	-849	987	2032	256	517
17	1945 Federal Report Surplus Deficit	220	-1129	-1228	-269	186	-513	-1281	-504	-0.43	-962	-716	4076	4137	226
18	1946 Federal Report Surplus Deficit	998	138	-335	-494	-23.6	1270	1482	1832	2436	3239	3841	4440	4342	2156
19	1947 Federal Report Surplus Deficit	1620	1235	163	-636	283	3232	3236	3664	3383	2589	2379	4406	4411	2260
20	1948 Federal Report Surplus Deficit	1367	454	60.2	1994	1728	2188	3339	2928	2293	2547	3561	4777	4876	2575
21	1949 Federal Report Surplus Deficit	1814	2297	1233	-250	170	864	1856	1017	3178	3214	3551	4584	4348	222
22	1950 Federal Report Surplus Deficit	78.6	-730	-755	-433	103	891	3318	3622	3426	3785	3283	4406	4670	2360
23	1951 Federal Report Surplus Deficit	1852	2156	263	495	2036	3340	3850	4481	3863	3722	3575	4380	4111	2518
24	1952 Federal Report Surplus Deficit	1839	2014	220	1471	1043	2199	2985	3480	2582	3770	3922	4705	4569	1947
25	1953 Federal Report Surplus Deficit	1205	343	-655	-602	-67.1	70.5	1357	1752	2138	1514	1972	4346	4959	2448
26	1954 Federal Report Surplus Deficit	1366	939	91.9	-365	425	1639	2843	3390	3040	2713	2658	4438	4498	2907
27	1955 Federal Report Surplus Deficit	2114	2407	2707	-192	1202	1235	652	370	571	520	1725	4072	4835	3039
28	1956 Federal Report Surplus Deficit	1693	1751	-176	-8.58	1632	3252	3862	4331	3660	3711	3913	4596	4927	2537
29	1957 Federal Report Surplus Deficit	1794	2089	85.8	-90.6	129	1740	1763	1439	2305	3814	2548	4722	4825	2108
30	1958 Federal Report Surplus Deficit	1401	881	-118	-354	276	524	2097	1851	2561	2633	3079	4666	4619	1644
31	1959 Federal Report Surplus Deficit	782	424	-171	-116	744	2864	3663	3998	3031	3178	2592	4033	4652	2050
32	1960 Federal Report Surplus Deficit	2023	2261	2933	2873	2690	2748	2677	2040	2321	4126	3502	4166	4310	1963
33	1961 Federal Report Surplus Deficit	1403	255	-249	-280	152	1088	2571	2326	3140	2982	1962	4337	4704	1914
34	1962 Federal Report Surplus Deficit	1304	903	-421	-510	235	539	1886	2068	839	3858	3824	4365	4512	525
35	1963 Federal Report Surplus Deficit	1012	280	-328	262	993	2626	2434	2541	2176	1272	1718	4051	3929	2014
36	1964 Federal Report Surplus Deficit	1231	467	277	-530	-100	988	1009	690	849	3101	1787	4307	4935	2852
37	1965 Federal Report Surplus Deficit	1763	2162	928	519	873	3332	3990	4496	3642	2281	3703	4461	4120	2285
38	1966 Federal Report Surplus Deficit	1880	2223	-380	-68.4	566	1290	1728	1430	941	3651	2439	3777	3600	2079
39	1967 Federal Report Surplus Deficit	1533	357	-137	-570	20.7	1279	3321	3652	3222	1672	-23.5	4064	4642	2462
40	1968 Federal Report Surplus Deficit	1782	1631	116	-329	639	1296	2602	2678	3069	1036	1040	3259	4275	2229
41	1969 Federal Report Surplus Deficit	1677	1520	1351	590	1731	2227	3687	4128	2942	3631	3624	4661	4448	2226
42	1970 Federal Report Surplus Deficit	1629	1074	71.6	-306	426	436	1720	2473	2099	2166	728	4077	4663	1692
43	1971 Federal Report Surplus Deficit	513	-121	-291	-581	129	684	3650	4275	3926	3649	3508	4640	4892	2830
44	1972 Federal Report Surplus Deficit	2172	2261	831	20.7	303	1612	3882	4121	4286	4022	3160	4640	4846	2812
45	1973 Federal Report Surplus Deficit	2103	2279	1395	-66.4	362	1243	1965	1115	243	-1441	550	3339	2018	819
46	1974 Federal Report Surplus Deficit	578	-760	-834	-392	-356	2353	3967	4131	4104	3935	3855	4581	4803	3071
47	1975 Federal Report Surplus Deficit	2018	2272	1318	-673	262	753	1602	2505	2797	1459	1950	4341	4831	3204
48	1976 Federal Report Surplus Deficit	1810	1780	667	814	2015	3708	3580	4061	3527	3800	3680	4597	4434	2680
49	1977 Federal Report Surplus Deficit	2161	2497	3194	23.3	294	-119	-261	57.0	226	-1465	825	1863	-729	605
50	1978 Federal Report Surplus Deficit	-196	-1350	-1477	-878	-385	1966	1948	2171	2045	3701	2548	4148	3517	2296
51	1979 Federal Report Surplus Deficit	1017	267	822	132	364	566	1321	238	1985	1241	2111	4416	2597	166
52	1980 Federal Report Surplus Deficit	-28.8	-579	-254	-375	217	-200	768	480	278	2492	2769	4703	4331	1088
53	1981 Federal Report Surplus Deficit	716	-411	-84.9	-233	199	2876	2927	3109	2341	-110	2117	4203	4732	2276
54	1982 Federal Report Surplus Deficit	1827	2171	675	-324	569	1827	3108	4385	4166	3530	3156	4499	4694	2582
55	1983 Federal Report Surplus Deficit	2029	2329	1892	684	698	2131	3400	3603	3826	3322	2538	4383	4342	2638
56	1984 Federal Report Surplus Deficit	1882	2224	806	-217	2267	2100	2784	3406	3175	4016	3677	4437	4891	2597
57	1985 Federal Report Surplus Deficit	1928	1507	509	-153	595	1260	1321	1266	1703	2847	3063	4467	3378	-575
58	1986 Federal Report Surplus Deficit	-338	-1162	-505	583	1591	1042	2428	3353	4295	3537	3410	4035	4392	1689

Federal Report Surplus Deficit By Water Year

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	1167	43.5	-358	-609	96.4	1387	1045	281	1464	714	1648	4011	3137	585
60	1988 Federal Report Surplus Deficit	-170	-1005	-755	-540	87.6	-225	-847	-1151	141	-71.4	1632	3344	2193	1561
61	1989 Federal Report Surplus Deficit	684	-375	-699	-550	-189	1086	-79.1	-798	1581	2983	3564	4210	3420	207
62	1990 Federal Report Surplus Deficit	206	-353	-414	-449	702	1441	2088	2871	2762	2236	3858	4148	4429	1787
63	1991 Federal Report Surplus Deficit	1592	1233	-229	-807	1918	2464	2915	3603	2889	3007	2448	4329	4288	2460
64	1992 Federal Report Surplus Deficit	1750	2047	-73.6	-658	181	325	565	300	1326	-98.4	787	3142	1398	464
65	1993 Federal Report Surplus Deficit	-97.0	-999	-1276	-433	133	479	-1332	-1302	1156	610	1628	4213	4001	1431
66	1994 Federal Report Surplus Deficit	1009	338	-274	-524	586	330	-749	-295	-50.2	-505	1523	3876	3013	1205
67	1995 Federal Report Surplus Deficit	498	-664	-693	-640	-260	535	362	2274	3088	1703	1481	3834	4447	1962
68	1996 Federal Report Surplus Deficit	1085	527	258	866	2852	3513	3980	4487	4259	3654	3969	4549	4614	2681
69	1997 Federal Report Surplus Deficit	1943	2159	-139	-458	475	2083	4015	4177	4380	3609	3953	4508	4838	2772
70	1998 Federal Report Surplus Deficit	2115	2334	1841	2257	1646	1902	1789	1752	1667	1422	2327	4610	4748	2139
71	1999 Federal Report Surplus Deficit	1890	1034	-63.1	-468	-211	1654	3544	4181	3973	2954	3198	4425	4873	2797
72	2000 Federal Report Surplus Deficit	2146	2466	1098	-190	2315	2661	2311	2451	2680	3649	3726	4094	3757	2004
73	2001 Federal Report Surplus Deficit	1495	-505	-289	-419	176	9.21	-237	-168	239	-1026	1049	2870	-1132	611
74	2002 Federal Report Surplus Deficit	79.7	-849	-1612	-971	-270	504	-194	357	708	2321	3425	3826	4513	2523
75	2003 Federal Report Surplus Deficit	1559	690	-165	-840	473	211	-241	-92.0	2400	2381	2341	3860	4463	337
76	2004 Federal Report Surplus Deficit	-234	-942	-913	-294	315	1575	408	-665	1412	1642	1799	3912	3494	693
77	2005 Federal Report Surplus Deficit	-2.21	-446	791	-181	317	1620	1444	1458	1025	-32.3	1551	4012	3789	1064
78	2006 Federal Report Surplus Deficit	972	-184	-194	-326	263	989	2013	3481	2693	3919	3857	4675	4496	1717
79	2007 Federal Report Surplus Deficit	968	154	-555	-797	720	1004	2341	1422	3425	3018	2550	4195	3457	2029
80	2008 Federal Report Surplus Deficit	704	-520	-1043	-287	143	681	562	556	1138	1542	400	4523	4933	2292

Ranked Averages

81	**Bottom 10 pct**	**-166**	**-981**	**-599**	**-338**	**247**	**778**	**391**	**372**	**1589**	**1899**	**2365**	**4121**	**3792**	**1430**
82	**Middle 80 pct**	**1192**	**637**	**-123**	**-226**	**501**	**1333**	**1790**	**2030**	**2250**	**2184**	**2445**	**4127**	**3877**	**1770**
83	**Top 10 pct**	**2108**	**2354**	**1986**	**676**	**1189**	**1677**	**2052**	**1939**	**1977**	**1769**	**2294**	**3896**	**3516**	**2002**

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

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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	1025	1044	-190	-315	204	-26.6	-332	-411	-51.5	-883	997	1720	2101	-463
2	1930 Federal Report Surplus Deficit	285	-264	-153	-371	196	93.0	-1121	-177	58.6	-312	1540	1957	-543	1332
3	1931 Federal Report Surplus Deficit	571	-387	-761	-453	368	82.0	-1617	-1575	-133	162	-470	2528	516	996
4	1932 Federal Report Surplus Deficit	-360	-1459	-414	-600	-323	-38.4	-1679	-1580	2441	3266	3582	3719	3809	1587
5	1933 Federal Report Surplus Deficit	1226	1314	213	-265	-291	1412	1566	2782	2395	2155	2046	3269	4121	2685
6	1934 Federal Report Surplus Deficit	1412	1987	150	533	2617	3716	3774	3936	3435	3699	3644	3323	2660	1411
7	1935 Federal Report Surplus Deficit	84.3	-486	-841	-324	-433	1077	1782	2256	2577	1268	1485	3004	2516	2087
8	1936 Federal Report Surplus Deficit	1479	530	-403	-466	62.7	17.9	-835	-1048	380	654	3410	3758	3438	1088
9	1937 Federal Report Surplus Deficit	708	-462	-554	-481	359	41.5	-1012	-1410	-58.3	-428	-369	2523	1130	709
10	1938 Federal Report Surplus Deficit	435	-595	-645	-276	-239	1444	1626	1738	2381	3233	3749	3525	3450	1860
11	1939 Federal Report Surplus Deficit	695	-137	69.5	-199	18.2	7.55	562	390	1070	1952	2469	3366	1028	926
12	1940 Federal Report Surplus Deficit	-20.0	-718	-621	-104	462	1364	538	-535	3114	2104	1889	3090	1522	861
13	1941 Federal Report Surplus Deficit	257	-838	-843	-287	5.34	1188	-545	-480	366	-173	711	2532	1292	1293
14	1942 Federal Report Surplus Deficit	383	-538	-702	-467	665	1544	1318	1052	1517	645	2229	2712	2836	2217
15	1943 Federal Report Surplus Deficit	1135	466	536	-185	-414	858	2101	2968	2926	4004	4014	3482	4017	1793
16	1944 Federal Report Surplus Deficit	1115	659	-267	-610	178	-57.6	-289	-352	-96.1	-891	984	1165	-608	487
17	1945 Federal Report Surplus Deficit	88.8	-1228	-1233	-286	149	-557	-1298	-708	7.53	-1003	-713	3210	3323	195
18	1946 Federal Report Surplus Deficit	839	25.8	-343	-512	-47.1	1336	1340	1633	2519	3192	3835	3565	3530	2120
19	1947 Federal Report Surplus Deficit	1434	1099	149	-654	247	3272	3097	3458	3438	2547	2378	3533	3600	2223
20	1948 Federal Report Surplus Deficit	1185	335	46.9	1979	1683	2258	3202	2726	2376	2504	3561	3880	4071	2538
21	1949 Federal Report Surplus Deficit	1636	2151	1211	-268	137	917	1707	818	3245	3169	3552	3703	3535	191
22	1950 Federal Report Surplus Deficit	-37.3	-832	-761	-451	73.4	948	3180	3417	3487	3733	3284	3533	3860	2323
23	1951 Federal Report Surplus Deficit	1674	2007	248	478	1998	3376	3726	4276	3896	3671	3575	3506	3296	2480
24	1952 Federal Report Surplus Deficit	1657	1865	205	1456	994	2269	2841	3276	2664	3718	3915	3813	3760	1913
25	1953 Federal Report Surplus Deficit	1029	226	-662	-620	-93.3	74.1	1217	1553	2221	1471	1969	3475	4155	2410
26	1954 Federal Report Surplus Deficit	1189	810	78.5	-382	384	1712	2698	3186	3111	2670	2658	3564	3688	2873
27	1955 Federal Report Surplus Deficit	1940	2265	2694	-209	1152	1303	529	171	615	475	1722	3205	4029	3006
28	1956 Federal Report Surplus Deficit	1512	1606	-187	-25.7	1586	3291	3739	4124	3708	3660	3906	3713	4123	2499
29	1957 Federal Report Surplus Deficit	1615	1940	72.5	-108	98.0	1813	1615	1240	2388	3759	2548	3822	4022	2072
30	1958 Federal Report Surplus Deficit	1222	753	-130	-372	238	555	1948	1652	2640	2591	3081	3776	3810	1613
31	1959 Federal Report Surplus Deficit	629	305	-183	-134	697	2918	3534	3791	3099	3132	2592	3164	3844	2014
32	1960 Federal Report Surplus Deficit	1847	2112	2930	2858	2675	2802	2532	1840	2404	4056	3503	3299	3497	1928
33	1961 Federal Report Surplus Deficit	1223	140	-259	-297	119	1149	2424	2126	3209	2938	1960	3465	3897	1879
34	1962 Federal Report Surplus Deficit	1128	774	-431	-528	199	572	1739	1868	1794	3076	3820	3493	3702	495
35	1963 Federal Report Surplus Deficit	843	164	-337	246	943	2688	2287	2341	2259	1228	1715	3185	3111	1979
36	1964 Federal Report Surplus Deficit	1054	345	262	-548	-122	1046	877	491	903	3056	1784	3437	4130	2817
37	1965 Federal Report Surplus Deficit	1582	2014	907	503	824	3367	3871	4291	3680	2239	3697	3583	3307	2247
38	1966 Federal Report Surplus Deficit	1703	2076	-391	-85.4	521	1360	1582	1232	1504	3247	2439	2911	2780	2043
39	1967 Federal Report Surplus Deficit	1349	240	-149	-588	-6.25	1345	3183	3446	3280	1629	-23.8	3196	3835	2424
40	1968 Federal Report Surplus Deficit	1600	1488	101	-346	594	1365	2454	2477	3134	992	1036	2393	3464	2192
41	1969 Federal Report Surplus Deficit	1494	1376	1328	574	1687	2298	3558	3922	3011	3579	3622	3774	3636	2189
42	1970 Federal Report Surplus Deficit	1446	942	58.7	-324	385	461	1575	2272	2183	2123	724	3210	3855	1660
43	1971 Federal Report Surplus Deficit	375	-231	-302	-599	98.8	726	3519	4072	3960	3599	3508	3752	4087	2794
44	1972 Federal Report Surplus Deficit	1999	2112	811	3.59	266	1684	3758	3928	4324	3960	3162	3753	4041	2776
45	1973 Federal Report Surplus Deficit	1931	2134	1372	-83.5	322	1308	1817	917	269	-1479	547	2473	1179	790
46	1974 Federal Report Surplus Deficit	435	-863	-842	-410	-359	2421	3848	3931	4132	3877	3849	3698	3995	3038
47	1975 Federal Report Surplus Deficit	1844	2126	1296	-691	226	797	1458	2304	2876	1415	1947	3470	4026	3176
48	1976 Federal Report Surplus Deficit	1630	1633	649	798	1976	3723	3448	3854	3573	3742	3678	3713	3622	2643
49	1977 Federal Report Surplus Deficit	1987	2358	3194	6.43	255	-118	-357	-142	255	-1504	821	991	-1608	576
50	1978 Federal Report Surplus Deficit	-306	-1447	-1479	-897	-389	2038	1800	1971	2128	3648	2548	3277	2697	2258
51	1979 Federal Report Surplus Deficit	851	150	801	116	324	601	1180	38.1	2066	1197	2109	3542	1764	134
52	1980 Federal Report Surplus Deficit	-141	-683	-264	-393	179	-248	642	281	306	2449	2770	3809	3521	1059
53	1981 Federal Report Surplus Deficit	561	-518	-98.4	-250	162	2930	2786	2906	2424	-155	2115	3334	3927	2238
54	1982 Federal Report Surplus Deficit	1645	2022	656	-342	524	1900	2965	4179	4192	3482	3158	3617	3886	2544
55	1983 Federal Report Surplus Deficit	1853	2181	1869	669	652	2203	3263	3399	3865	3277	2538	3509	3529	2601
56	1984 Federal Report Surplus Deficit	1705	2078	787	-234	2235	2172	2637	3203	3245	3954	3675	3562	4086	2559
57	1985 Federal Report Surplus Deficit	1748	1367	492	-170	551	1326	1180	1068	1782	2804	3065	3591	2553	-612
58	1986 Federal Report Surplus Deficit	-440	-1260	-513	567	1544	1103	2280	3150	4321	3487	3411	3168	3580	1657

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	998	-68.0	-369	-628	67.7	1456	910	81.6	1538	669	1645	3145	2313	556
60	1988 Federal Report Surplus Deficit	-278	-1105	-762	-558	50.4	-269	-897	-1358	162	-115	1628	2477	1354	1530
61	1989 Federal Report Surplus Deficit	536	-481	-705	-568	-205	1147	-173	-1002	1654	2940	3563	3341	2597	176
62	1990 Federal Report Surplus Deficit	77.7	-459	-423	-467	654	1513	1940	2668	2839	2194	3851	3280	3616	1754
63	1991 Federal Report Surplus Deficit	1409	1098	-240	-826	1878	2529	2771	3398	2961	2962	2447	3458	3476	2422
64	1992 Federal Report Surplus Deficit	1568	1898	-85.7	-677	146	342	441	101	1398	-143	783	2275	551	434
65	1993 Federal Report Surplus Deficit	-208	-1100	-1280	-450	98.1	510	-1349	-1510	1216	565	1625	3345	3184	1400
66	1994 Federal Report Surplus Deficit	847	222	-282	-542	539	355	-806	-496	-40.3	-548	1520	3010	2187	1176
67	1995 Federal Report Surplus Deficit	361	-768	-703	-658	-275	569	251	2075	3156	1660	1477	2968	3637	1927
68	1996 Federal Report Surplus Deficit	919	408	243	851	2844	3540	3860	4283	4285	3603	3958	3668	3806	2644
69	1997 Federal Report Surplus Deficit	1764	2009	-150	-476	434	2155	3895	3977	4407	3555	3943	3625	4033	2737
70	1998 Federal Report Surplus Deficit	1940	2187	1818	2243	1600	1975	1643	1553	1745	1379	2326	3718	3942	2104
71	1999 Federal Report Surplus Deficit	1708	905	-74.8	-486	-224	1726	3412	3974	4006	2910	3200	3552	4068	2760
72	2000 Federal Report Surplus Deficit	1971	2321	1077	-207	2285	2723	2162	2251	2760	3598	3722	3227	2937	1968
73	2001 Federal Report Surplus Deficit	1314	-608	-299	-437	140	5.73	-334	-369	268	-1068	1045	2002	-2020	581
74	2002 Federal Report Surplus Deficit	-39.4	-950	-1609	-990	-283	534	-283	158	755	2279	3426	2960	3703	2485
75	2003 Federal Report Surplus Deficit	1378	569	-176	-858	428	218	-327	-292	2483	2338	2340	2994	3652	307
76	2004 Federal Report Surplus Deficit	-337	-1041	-919	-312	274	1647	293	-868	1487	1599	1796	3046	2674	663
77	2005 Federal Report Surplus Deficit	-118	-552	771	-198	278	1693	1299	1259	1351	-683	1548	3143	2969	1035
78	2006 Federal Report Surplus Deficit	817	-291	-204	-343	226	1047	1865	3277	2770	3857	3851	3780	3685	1685
79	2007 Federal Report Surplus Deficit	811	41.2	-563	-816	673	1062	2192	1223	3482	2974	2550	3327	2634	1994
80	2008 Federal Report Surplus Deficit	558	-623	-1048	-304	107	724	442	358	1201	1498	398	3639	4128	2255
	Ranked Averages														
81	**Bottom 10 pct**	**-274**	**-1081**	**-608**	**-355**	**214**	**804**	**298**	**168**	**1676**	**1777**	**2364**	**3248**	**2973**	**1399**
82	**Middle 80 pct**	**1027**	**513**	**-135**	**-243**	**468**	**1377**	**1667**	**1828**	**2329**	**2120**	**2443**	**3253**	**3060**	**1736**
83	**Top 10 pct**	**1934**	**2209**	**1971**	**660**	**1151**	**1735**	**1918**	**1740**	**2030**	**1720**	**2292**	**3022**	**2693**	**1969**

Federal Report Surplus Deficit By Water Year

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

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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	988	1002	-231	-476	133	-122	-426	-462	-80.6	-937	978	2469	2889	-528
2	1930 Federal Report Surplus Deficit	229	-303	-194	-531	127	-2.15	-1260	-227	22.5	-363	1522	2703	277	1262
3	1931 Federal Report Surplus Deficit	525	-426	-804	-607	312	-26.8	-1792	-1611	-154	117	-489	3283	1325	928
4	1932 Federal Report Surplus Deficit	-438	-1480	-456	-756	-404	-133	-1873	-1622	2341	3221	3563	4490	4576	1520
5	1933 Federal Report Surplus Deficit	1189	1272	174	-423	-385	1244	1528	2734	2296	2105	2028	4024	4886	2624
6	1934 Federal Report Surplus Deficit	1371	1949	111	377	2536	3607	3713	3895	3376	3674	3629	4082	3443	1346
7	1935 Federal Report Surplus Deficit	22.1	-524	-885	-480	-537	919	1744	2206	2476	1220	1470	3757	3299	2025
8	1936 Federal Report Surplus Deficit	1438	487	-448	-626	-10.0	-80.0	-965	-1095	331	606	3390	4531	4210	1018
9	1937 Federal Report Surplus Deficit	664	-498	-601	-639	300	-66.0	-1138	-1453	-81.5	-476	-391	3276	1933	639
10	1938 Federal Report Surplus Deficit	387	-631	-693	-434	-331	1276	1588	1686	2282	3187	3731	4280	4218	1794
11	1939 Federal Report Surplus Deficit	650	-176	30.4	-360	-58.0	-76.6	501	338	1000	1903	2450	4118	1828	858
12	1940 Federal Report Surplus Deficit	-80.0	-754	-664	-262	401	1195	481	-583	3024	2054	1872	3840	2316	793
13	1941 Federal Report Surplus Deficit	198	-871	-889	-445	-66.0	1025	-656	-529	315	-221	695	3282	2087	1224
14	1942 Federal Report Surplus Deficit	334	-575	-746	-624	607	1374	1276	999	1426	597	2209	3463	3612	2155
15	1943 Federal Report Surplus Deficit	1098	423	495	-346	-520	710	2066	2920	2830	3972	4006	4237	4775	1725
16	1944 Federal Report Surplus Deficit	1079	615	-310	-769	107	-145	-377	-403	-121	-942	967	1917	213	419
17	1945 Federal Report Surplus Deficit	31.0	-1256	-1289	-445	83.4	-613	-1466	-756	-19.2	-1061	-742	3955	4091	126
18	1946 Federal Report Surplus Deficit	797	-15.2	-387	-676	-130	1170	1298	1580	2419	3145	3819	4319	4297	2055
19	1947 Federal Report Surplus Deficit	1394	1056	110	-813	176	3133	3052	3412	3364	2493	2354	4287	4366	2159
20	1948 Federal Report Surplus Deficit	1147	292	7.73	1817	1621	2088	3155	2677	2275	2453	3540	4659	4832	2475
21	1949 Federal Report Surplus Deficit	1592	2112	1162	-430	63.0	765	1671	765	3161	3120	3530	4463	4303	122
22	1950 Federal Report Surplus Deficit	-105	-864	-813	-611	-3.46	791	3134	3371	3407	3687	3257	4283	4623	2256
23	1951 Federal Report Surplus Deficit	1630	1969	209	313	1930	3241	3666	4229	3843	3624	3549	4258	4064	2415
24	1952 Federal Report Surplus Deficit	1615	1827	166	1289	937	2100	2800	3228	2563	3676	3899	4589	4526	1846
25	1953 Federal Report Surplus Deficit	992	184	-711	-779	-172	-29.4	1173	1501	2120	1420	1950	4229	4915	2347
26	1954 Federal Report Surplus Deficit	1152	767	39.4	-541	318	1540	2658	3139	3021	2617	2635	4320	4455	2808
27	1955 Federal Report Surplus Deficit	1898	2225	2634	-368	1098	1135	467	118	553	427	1704	3955	4791	2935
28	1956 Federal Report Surplus Deficit	1469	1566	-228	-190	1526	3154	3679	4079	3640	3615	3889	4477	4883	2436
29	1957 Federal Report Surplus Deficit	1571	1902	33.3	-272	22.4	1641	1578	1187	2285	3717	2524	4604	4780	2006
30	1958 Federal Report Surplus Deficit	1185	709	-170	-531	172	425	1912	1599	2543	2539	3057	4551	4576	1544
31	1959 Federal Report Surplus Deficit	584	262	-223	-293	642	2764	3478	3746	3010	3078	2564	3914	4608	1949
32	1960 Federal Report Surplus Deficit	1803	2074	2876	2697	2588	2648	2492	1788	2300	4028	3475	4050	4270	1866
33	1961 Federal Report Surplus Deficit	1187	97.7	-301	-454	51.2	988	2385	2075	3121	2888	1941	4221	4663	1816
34	1962 Federal Report Surplus Deficit	1091	731	-473	-684	128	440	1701	1817	820	3761	3800	4248	4470	423
35	1963 Federal Report Surplus Deficit	805	122	-380	87.7	894	2526	2250	2290	2158	1178	1697	3936	3888	1916
36	1964 Federal Report Surplus Deficit	1017	302	223	-705	-207	889	825	438	830	3006	1765	4190	4891	2749
37	1965 Federal Report Surplus Deficit	1539	1976	863	337	767	3233	3805	4245	3621	2183	3677	4340	4073	2178
38	1966 Federal Report Surplus Deficit	1660	2038	-431	-247	460	1191	1543	1179	920	3553	2414	3660	3559	1980
39	1967 Federal Report Surplus Deficit	1311	197	-189	-744	-78.3	1180	3137	3401	3201	1577	-46.7	3945	4598	2359
40	1968 Federal Report Surplus Deficit	1558	1447	62.4	-505	533	1196	2417	2427	3049	942	1018	3141	4230	2124
41	1969 Federal Report Surplus Deficit	1453	1335	1275	408	1626	2128	3501	3876	2922	3535	3600	4542	4405	2127
42	1970 Federal Report Surplus Deficit	1406	898	19.4	-482	320	337	1536	2221	2080	2068	702	3956	4617	1588
43	1971 Federal Report Surplus Deficit	322	-270	-343	-762	24.0	585	3466	4024	3905	3549	3481	4515	4842	2723
44	1972 Federal Report Surplus Deficit	1956	2074	769	-161	197	1513	3698	3880	4277	3922	3133	4515	4797	2706
45	1973 Federal Report Surplus Deficit	1890	2095	1322	-246	256	1144	1779	864	222	-1536	527	3221	1974	718
46	1974 Federal Report Surplus Deficit	384	-896	-887	-574	-462	2254	3784	3880	4085	3839	3832	4458	4754	2966
47	1975 Federal Report Surplus Deficit	1802	2087	1248	-855	156	654	1417	2254	2777	1362	1926	4219	4783	3098
48	1976 Federal Report Surplus Deficit	1587	1593	607	632	1909	3610	3396	3810	3507	3703	3656	4478	4389	2574
49	1977 Federal Report Surplus Deficit	1944	2316	3144	-150	193	-219	-446	-194	206	-1557	805	1749	-770	507
50	1978 Federal Report Surplus Deficit	-378	-1471	-1546	-1056	-492	1866	1763	1920	2026	3606	2525	4032	3473	2191
51	1979 Federal Report Surplus Deficit	812	108	756	-49.5	258	466	1136	-13.9	1966	1147	2089	4300	2557	66.6
52	1980 Federal Report Surplus Deficit	-212	-717	-306	-550	110	-299	584	229	259	2397	2747	4586	4289	989
53	1981 Federal Report Surplus Deficit	517	-556	-138	-407	93.5	2777	2743	2858	2323	-205	2095	4088	4692	2178
54	1982 Federal Report Surplus Deficit	1603	1984	614	-506	463	1728	2923	4135	4146	3431	3129	4374	4644	2475
55	1983 Federal Report Surplus Deficit	1809	2143	1811	502	592	2033	3217	3353	3805	3225	2514	4259	4292	2531
56	1984 Federal Report Surplus Deficit	1661	2039	744	-399	2162	2001	2600	3156	3154	3916	3650	4312	4842	2490
57	1985 Federal Report Surplus Deficit	1704	1325	452	-335	489	1161	1136	1015	1685	2752	3040	4349	3333	-678
58	1986 Federal Report Surplus Deficit	-524	-1285	-558	402	1485	944	2245	3102	4275	3437	3382	3912	4343	1582

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
59	1987 Federal Report Surplus Deficit	959	-108	-410	-785	-9.44	1287	859	29.2	1446	619	1626	3894	3096	487
60	1988 Federal Report Surplus Deficit	-352	-1133	-811	-713	-13.9	-324	-1032	-1402	120	-166	1609	3228	2153	1464
61	1989 Federal Report Surplus Deficit	489	-518	-755	-723	-292	987	-264	-1049	1562	2887	3540	4091	3378	107
62	1990 Federal Report Surplus Deficit	18.1	-496	-467	-624	599	1341	1903	2619	2741	2136	3831	4030	4386	1690
63	1991 Federal Report Surplus Deficit	1370	1055	-281	-982	1819	2364	2730	3351	2870	2911	2425	4211	4244	2361
64	1992 Federal Report Surplus Deficit	1525	1859	-125	-831	78.8	225	380	48.8	1306	-193	764	3025	1357	366
65	1993 Federal Report Surplus Deficit	-280	-1130	-1337	-608	32.1	379	-1516	-1553	1136	513	1604	4095	3958	1330
66	1994 Federal Report Surplus Deficit	806	180	-326	-699	479	230	-934	-547	-70.8	-601	1500	3759	2972	1106
67	1995 Federal Report Surplus Deficit	307	-802	-746	-815	-363	436	178	2023	3069	1607	1457	3716	4402	1858
68	1996 Federal Report Surplus Deficit	880	364	205	685	2747	3415	3796	4236	4239	3556	3943	4429	4567	2576
69	1997 Federal Report Surplus Deficit	1721	1971	-190	-639	369	1985	3833	3926	4360	3509	3926	4383	4789	2666
70	1998 Federal Report Surplus Deficit	1897	2148	1761	2075	1540	1803	1605	1501	1646	1323	2300	4487	4699	2035
71	1999 Federal Report Surplus Deficit	1666	862	-115	-649	-317	1555	3361	3929	3953	2855	3171	4303	4825	2692
72	2000 Federal Report Surplus Deficit	1928	2282	1030	-371	2209	2561	2126	2200	2660	3552	3701	3973	3713	1904
73	2001 Federal Report Surplus Deficit	1277	-643	-341	-595	75.8	-90.7	-423	-420	220	-1124	1024	2752	-1173	514
74	2002 Federal Report Surplus Deficit	-105	-981	-1684	-1144	-369	405	-380	106	687	2222	3398	3709	4472	2425
75	2003 Federal Report Surplus Deficit	1341	525	-217	-1014	373	111	-427	-343	2379	2282	2315	3744	4422	240
76	2004 Federal Report Surplus Deficit	-420	-1068	-971	-468	214	1475	223	-916	1392	1545	1774	3795	3452	595
77	2005 Federal Report Surplus Deficit	-186	-588	726	-354	216	1520	1259	1206	1004	-130	1526	3894	3746	966
78	2006 Federal Report Surplus Deficit	773	-328	-246	-504	157	890	1828	3230	2672	3822	3832	4556	4450	1615
79	2007 Federal Report Surplus Deficit	768	0.29	-609	-974	619	904	2155	1170	3405	2918	2523	4078	3415	1929
80	2008 Federal Report Surplus Deficit	509	-657	-1105	-459	47.0	590	389	317	1128	1450	381	4407	4889	2192
	Ranked Averages														
81	**Bottom 10 pct**	**-349**	**-1109**	**-657**	**-513**	**144**	**679**	**206**	**120**	**1569**	**1803**	**2341**	**4004**	**3749**	**1329**
82	**Middle 80 pct**	**982**	**474**	**-179**	**-403**	**397**	**1234**	**1606**	**1779**	**2231**	**2088**	**2422**	**4008**	**3834**	**1669**
83	**Top 10 pct**	**1891**	**2170**	**1918**	**497**	**1084**	**1577**	**1867**	**1689**	**1959**	**1673**	**2270**	**3776**	**3471**	**1900**

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	1045	1082	-277	-495	125	-195	-414	-472	-115	-1029	909	1744	2045	-573
2	1930 Federal Report Surplus Deficit	304	-227	-239	-550	117	-75.5	-1203	-238	-8.13	-458	1453	1978	-599	1222
3	1931 Federal Report Surplus Deficit	597	-344	-840	-626	296	-82.7	-1696	-1631	-192	21.9	-552	2558	464	889
4	1932 Federal Report Surplus Deficit	-338	-1418	-496	-775	-399	-206	-1760	-1642	2379	3123	3497	3746	3753	1480
5	1933 Federal Report Surplus Deficit	1244	1350	129	-442	-367	1244	1485	2721	2333	2012	1960	3298	4067	2577
6	1934 Federal Report Surplus Deficit	1433	2026	68.1	360	2547	3551	3697	3880	3377	3559	3562	3352	2610	1306
7	1935 Federal Report Surplus Deficit	108	-444	-923	-499	-508	909	1700	2195	2511	1126	1401	3032	2461	1980
8	1936 Federal Report Surplus Deficit	1496	566	-490	-645	-16.3	-149	-916	-1110	318	511	3326	3785	3382	979
9	1937 Federal Report Surplus Deficit	730	-422	-637	-658	284	-127	-1093	-1470	-120	-570	-453	2550	1076	600
10	1938 Federal Report Surplus Deficit	455	-557	-730	-453	-318	1276	1545	1677	2319	3090	3664	3548	3391	1751
11	1939 Federal Report Surplus Deficit	714	-99.6	-13.6	-378	-60.7	-161	480	330	1008	1809	2384	3391	974	819
12	1940 Federal Report Surplus Deficit	1.57	-678	-705	-281	384	1196	456	-595	3051	1961	1804	3115	1466	755
13	1941 Federal Report Surplus Deficit	278	-798	-926	-463	-70.1	1020	-627	-540	303	-316	626	2557	1236	1184
14	1942 Federal Report Surplus Deficit	404	-499	-785	-643	586	1376	1237	991	1455	501	2143	2739	2779	2108
15	1943 Federal Report Surplus Deficit	1153	502	449	-365	-492	690	2021	2907	2862	3858	3926	3503	3955	1682
16	1944 Federal Report Surplus Deficit	1134	695	-354	-788	101	-226	-370	-414	-159	-1035	898	1191	-664	380
17	1945 Federal Report Surplus Deficit	110	-1189	-1318	-463	74.7	-725	-1379	-769	-57.3	-1152	-805	3231	3264	85.5
18	1946 Federal Report Surplus Deficit	856	60.9	-433	-695	-125	1168	1259	1571	2456	3047	3748	3586	3470	2009
19	1947 Federal Report Surplus Deficit	1456	1139	64.0	-832	168	3104	3016	3397	3373	2399	2288	3556	3542	2113
20	1948 Federal Report Surplus Deficit	1203	371	-39.3	1801	1604	2090	3121	2664	2312	2359	3474	3903	4014	2428
21	1949 Federal Report Surplus Deficit	1658	2190	1128	-448	57.8	749	1626	757	3182	3025	3465	3724	3477	81.3
22	1950 Federal Report Surplus Deficit	-17.1	-794	-847	-631	-5.42	780	3100	3356	3421	3584	3194	3552	3800	2210
23	1951 Federal Report Surplus Deficit	1689	2040	154	295	1919	3209	3646	4215	3830	3522	3484	3525	3235	2367
24	1952 Federal Report Surplus Deficit	1673	1899	115	1273	915	2102	2761	3214	2599	3573	3827	3838	3703	1802
25	1953 Federal Report Surplus Deficit	1044	260	-748	-799	-170	-94.3	1136	1492	2157	1326	1882	3500	4098	2300
26	1954 Federal Report Surplus Deficit	1208	848	-6.55	-560	305	1544	2616	3125	3046	2524	2570	3587	3630	2764
27	1955 Federal Report Surplus Deficit	1960	2303	2610	-387	1076	1134	447	109	551	331	1636	3230	3971	2893
28	1956 Federal Report Surplus Deficit	1527	1638	-272	-208	1507	3124	3659	4063	3642	3513	3817	3735	4065	2389
29	1957 Federal Report Surplus Deficit	1638	1980	-14.6	-291	19.0	1645	1534	1179	2322	3612	2458	3845	3964	1961
30	1958 Federal Report Surplus Deficit	1239	788	-218	-550	161	387	1867	1591	2576	2445	2993	3803	3754	1503
31	1959 Federal Report Surplus Deficit	647	341	-268	-311	623	2750	3452	3730	3033	2982	2499	3187	3787	1905
32	1960 Federal Report Surplus Deficit	1868	2151	2846	2681	2601	2633	2450	1778	2337	3906	3411	3324	3444	1821
33	1961 Federal Report Surplus Deficit	1245	179	-344	-473	46.3	981	2342	2065	3144	2793	1873	3490	3842	1772
34	1962 Federal Report Surplus Deficit	1150	815	-519	-703	120	404	1657	1807	1729	2929	3730	3518	3646	384
35	1963 Federal Report Surplus Deficit	864	203	-423	69.9	872	2520	2206	2279	2195	1083	1628	3211	3057	1871
36	1964 Federal Report Surplus Deficit	1075	384	180	-725	-201	878	796	430	838	2911	1696	3461	4073	2705
37	1965 Federal Report Surplus Deficit	1595	2044	813	320	746	3199	3790	4230	3614	2090	3605	3603	3246	2131
38	1966 Federal Report Surplus Deficit	1718	2109	-480	-266	442	1191	1500	1170	1437	3099	2348	2935	2725	1935
39	1967 Federal Report Surplus Deficit	1371	280	-231	-763	-77.7	1177	3102	3385	3214	1483	-112	3219	3777	2312
40	1968 Federal Report Surplus Deficit	1615	1521	15.2	-524	515	1197	2373	2415	3068	848	949	2416	3405	2077
41	1969 Federal Report Surplus Deficit	1505	1405	1235	391	1609	2130	3476	3860	2945	3432	3533	3797	3580	2081
42	1970 Federal Report Surplus Deficit	1468	981	-25.0	-501	306	293	1494	2210	2117	1974	634	3231	3795	1547
43	1971 Federal Report Surplus Deficit	387	-201	-396	-782	20.9	559	3439	4011	3893	3448	3416	3769	4024	2679
44	1972 Federal Report Surplus Deficit	2012	2144	720	-179	188	1516	3677	3863	4254	3810	3069	3770	3978	2660
45	1973 Federal Report Surplus Deficit	1946	2167	1281	-265	243	1140	1735	855	203	-1626	458	2496	1122	679
46	1974 Federal Report Surplus Deficit	452	-828	-931	-593	-437	2254	3767	3870	4066	3731	3761	3717	3933	2923
47	1975 Federal Report Surplus Deficit	1858	2157	1206	-875	147	629	1377	2243	2810	1268	1858	3489	3965	3060
48	1976 Federal Report Surplus Deficit	1642	1662	556	615	1898	3557	3367	3793	3506	3594	3589	3735	3564	2527
49	1977 Federal Report Surplus Deficit	2002	2391	3111	-168	181	-287	-439	-204	189	-1647	736	1019	-1662	468
50	1978 Federal Report Surplus Deficit	-283	-1406	-1563	-1076	-468	1871	1719	1910	2063	3502	2460	3302	2639	2144
51	1979 Federal Report Surplus Deficit	861	178	706	-67.5	246	433	1098	-23.5	2001	1052	2022	3568	1710	25.9
52	1980 Federal Report Surplus Deficit	-119	-643	-347	-569	100	-415	561	220	241	2304	2683	3834	3465	950
53	1981 Federal Report Surplus Deficit	582	-479	-182	-425	84.6	2762	2705	2844	2360	-300	2028	3361	3873	2131
54	1982 Federal Report Surplus Deficit	1667	2061	569	-525	446	1733	2884	4118	4125	3332	3066	3633	3823	2428
55	1983 Federal Report Surplus Deficit	1862	2208	1777	485	573	2036	3183	3338	3798	3129	2448	3525	3466	2485
56	1984 Federal Report Surplus Deficit	1717	2108	695	-418	2156	2005	2557	3142	3179	3804	3582	3580	4023	2443
57	1985 Federal Report Surplus Deficit	1760	1397	400	-353	473	1158	1098	1006	1718	2658	2976	3614	2496	-724
58	1986 Federal Report Surplus Deficit	-427	-1229	-603	385	1466	936	2199	3089	4255	3336	3318	3186	3518	1541

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
59	1987 Federal Report Surplus Deficit	1010	-37.5	-456	-805	-10.5	1287	828	20.0	1474	524	1557	3169	2258	449
60	1988 Federal Report Surplus Deficit	-254	-1063	-843	-732	-23.5	-436	-979	-1420	94.8	-261	1541	2503	1299	1424
61	1989 Federal Report Surplus Deficit	558	-441	-787	-743	-281	979	-255	-1063	1589	2793	3474	3363	2541	66.9
62	1990 Federal Report Surplus Deficit	96.4	-422	-508	-643	578	1344	1858	2607	2772	2043	3759	3303	3560	1647
63	1991 Federal Report Surplus Deficit	1430	1137	-324	-1003	1807	2361	2689	3336	2896	2816	2359	3482	3418	2314
64	1992 Federal Report Surplus Deficit	1588	1937	-169	-851	72.0	173	359	39.7	1333	-288	695	2300	497	327
65	1993 Federal Report Surplus Deficit	-186	-1060	-1363	-627	24.9	341	-1430	-1572	1150	417	1535	3369	3127	1290
66	1994 Federal Report Surplus Deficit	864	257	-369	-719	460	187	-888	-558	-107	-695	1431	3034	2132	1067
67	1995 Federal Report Surplus Deficit	382	-728	-786	-835	-350	401	170	2013	3091	1513	1388	2991	3578	1814
68	1996 Federal Report Surplus Deficit	930	437	149	668	2766	3373	3780	4222	4219	3454	3867	3690	3746	2530
69	1997 Federal Report Surplus Deficit	1776	2039	-241	-659	355	1989	3817	3916	4341	3405	3850	3642	3970	2621
70	1998 Federal Report Surplus Deficit	1953	2217	1726	2059	1521	1808	1562	1492	1678	1228	2233	3737	3879	1990
71	1999 Federal Report Surplus Deficit	1723	938	-167	-669	-302	1558	3331	3913	3939	2760	3107	3572	4006	2646
72	2000 Federal Report Surplus Deficit	1987	2356	989	-390	2206	2554	2080	2189	2694	3450	3631	3249	2879	1860
73	2001 Federal Report Surplus Deficit	1336	-569	-381	-614	67.3	-163	-416	-430	203	-1216	955	2026	-2075	475
74	2002 Federal Report Surplus Deficit	-16.9	-910	-1690	-1164	-354	367	-365	96.8	689	2128	3333	2985	3649	2378
75	2003 Federal Report Surplus Deficit	1398	607	-259	-1034	356	50.1	-409	-354	2416	2188	2248	3019	3597	201
76	2004 Federal Report Surplus Deficit	-314	-1000	-1001	-487	200	1479	211	-930	1420	1450	1706	3070	2618	556
77	2005 Federal Report Surplus Deficit	-97.2	-513	688	-373	205	1524	1217	1198	1284	-832	1457	3167	2913	927
78	2006 Federal Report Surplus Deficit	835	-255	-292	-523	147	879	1784	3216	2703	3709	3761	3802	3626	1574
79	2007 Federal Report Surplus Deficit	830	77.8	-648	-994	599	894	2110	1162	3415	2824	2457	3351	2578	1885
80	2008 Federal Report Surplus Deficit	572	-590	-1132	-477	39.4	564	372	308	1145	1356	314	3665	4071	2146

Ranked Averages

81	**Bottom 10 pct**	**-252**	**-1042**	**-691**	**-532**	**138**	**637**	**217**	**107**	**1611**	**1630**	**2275**	**3272**	**2916**	**1289**
82	**Middle 80 pct**	**1045**	**550**	**-222**	**-422**	**391**	**1209**	**1586**	**1767**	**2264**	**1974**	**2354**	**3276**	**3002**	**1625**
83	**Top 10 pct**	**1949**	**2242**	**1882**	**480**	**1074**	**1567**	**1837**	**1678**	**1963**	**1573**	**2203**	**3044**	**2635**	**1857**

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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 2014 to 2023
Using 1937-Water Conditions

Regional Report Surplus Deficit By Water Year

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	5671	5167	6665	6412	5566	3389	3135	3679	5178	4743	5877	9461	8675	4883
2	1930 Regional Report Surplus Deficit	4672	2910	7051	5703	5073	3239	1087	3947	4830	5058	6810	8216	6194	5856
3	1931 Regional Report Surplus Deficit	5066	3296	6723	5337	5474	2346	1104	2091	4229	5975	2682	9071	6000	4924
4	1932 Regional Report Surplus Deficit	3294	1242	5763	5049	4560	2978	1004	1942	7858	11527	10260	11246	10931	6416
5	1933 Regional Report Surplus Deficit	5320	4764	7545	5967	4836	4691	6000	8257	8873	9128	7715	10078	11312	7968
6	1934 Regional Report Surplus Deficit	6457	6771	7060	7542	9096	9100	9506	10649	10400	11589	10055	10250	8593	5926
7	1935 Regional Report Surplus Deficit	3912	2759	6188	5413	4654	4148	6234	7213	8059	8949	7096	9997	8989	6875
8	1936 Regional Report Surplus Deficit	6163	4466	6251	5912	5229	3155	1661	2487	5685	6369	9871	11378	10556	5930
9	1937 Regional Report Surplus Deficit	4940	3544	6221	5647	5515	3172	1475	2239	4919	5248	4186	9530	7563	5474
10	1938 Regional Report Surplus Deficit	5335	2911	6929	5622	4682	4418	5929	7616	9040	10724	10591	10897	10186	6969
11	1939 Regional Report Surplus Deficit	5244	4248	7126	6247	5207	3474	3891	5363	6717	8748	8240	10885	7789	5576
12	1940 Regional Report Surplus Deficit	4163	2074	6291	5893	5920	4361	3109	4627	8706	9508	8693	10593	8749	4969
13	1941 Regional Report Surplus Deficit	3805	1815	6606	6030	4887	4125	2860	3243	4938	5208	5386	8880	7971	5086
14	1942 Regional Report Surplus Deficit	3937	2110	6589	5956	5406	5649	6027	4686	5822	5952	8023	9709	10360	7308
15	1943 Regional Report Surplus Deficit	5696	5023	7732	6078	4636	4393	6939	8168	9484	12176	11113	10830	11218	6799
16	1944 Regional Report Surplus Deficit	5379	4567	6896	6125	5542	3529	3353	3959	4896	4455	5975	7450	4709	4424
17	1945 Regional Report Surplus Deficit	3790	1525	6018	5261	5139	1936	1711	3436	4772	4152	2961	10442	10278	4843
18	1946 Regional Report Surplus Deficit	5281	3566	7071	5808	5201	4642	5748	7249	8687	10806	10689	10945	10685	7279
19	1947 Regional Report Surplus Deficit	6065	5174	7461	6001	5535	8436	8832	9752	9690	9688	8449	10864	10680	7185
20	1948 Regional Report Surplus Deficit	5478	4315	7126	9664	7723	6572	8447	8416	8397	9749	10199	11526	10851	7792
21	1949 Regional Report Surplus Deficit	6475	6537	7725	6540	5517	4384	6399	4841	9941	10666	10559	11454	10584	4702
22	1950 Regional Report Surplus Deficit	4347	2670	6263	5960	5329	4262	8498	8727	10747	11503	9691	10453	10888	7616
23	1951 Regional Report Surplus Deficit	6471	6563	7431	7745	8364	8690	9426	11133	11114	11659	10182	10872	10501	7566
24	1952 Regional Report Surplus Deficit	6524	5655	7335	9143	6835	6609	7893	8905	9754	11629	10850	11437	10919	7129
25	1953 Regional Report Surplus Deficit	5427	4423	6371	5838	5356	3279	4810	6961	8115	8203	7913	10892	11402	7680
26	1954 Regional Report Surplus Deficit	6108	5881	7158	6362	5865	5749	7994	9315	9980	10207	8816	10812	10713	8261
27	1955 Regional Report Surplus Deficit	6915	7048	10607	6614	6923	5035	4629	3644	4330	6111	7025	10035	11316	8414
28	1956 Regional Report Surplus Deficit	6594	5934	6855	6893	7588	8454	9337	10642	10469	11352	10563	11085	11509	7902
29	1957 Regional Report Surplus Deficit	6348	5739	7265	6859	5501	5998	6064	6039	8925	11819	8963	11897	11251	6768
30	1958 Regional Report Surplus Deficit	5450	3398	7098	6146	5568	4162	6608	7090	9000	9903	9597	11382	11041	6451
31	1959 Regional Report Surplus Deficit	4924	4076	6858	6108	6623	7830	9198	10087	9970	10945	8652	10332	10909	7128
32	1960 Regional Report Surplus Deficit	6533	6105	10668	10970	9245	7520	7460	7534	8923	12338	10017	10471	10538	6673
33	1961 Regional Report Surplus Deficit	5924	4438	6709	6347	5516	4741	7191	7646	9831	10929	7513	10550	10668	6334
34	1962 Regional Report Surplus Deficit	5239	4699	6446	5992	5480	3757	6241	7357	6723	11880	10448	10858	10779	4829
35	1963 Regional Report Surplus Deficit	5710	4423	6615	6839	6911	7258	6143	8054	7563	8448	7825	11002	10893	6866
36	1964 Regional Report Surplus Deficit	5711	4744	7478	6040	5099	4769	5135	5679	6975	10648	7462	10521	11462	8202
37	1965 Regional Report Surplus Deficit	6605	5761	8201	7528	6459	8454	9298	10824	10630	9658	10588	10832	10304	7080
38	1966 Regional Report Surplus Deficit	6578	6504	6756	6794	6080	5222	6131	6528	6300	11594	8450	10130	9341	6848
39	1967 Regional Report Surplus Deficit	5673	4597	6759	5879	5193	5257	8336	9613	10413	8658	4569	10300	10996	7598
40	1968 Regional Report Surplus Deficit	6251	5349	7085	6502	6175	5263	7470	9207	9508	7526	6153	9249	10573	7157
41	1969 Regional Report Surplus Deficit	6262	5921	8802	7837	7737	6626	8933	10323	9630	11415	10284	11379	10822	7268
42	1970 Regional Report Surplus Deficit	5613	4244	7093	6307	5810	3966	6162	7175	8374	9242	6659	10778	11094	6210
43	1971 Regional Report Surplus Deficit	5500	4104	6767	6012	5526	4431	9248	10678	10886	11254	9812	11249	11434	8385
44	1972 Regional Report Surplus Deficit	7017	6728	7648	7073	5898	5682	9261	10670	11677	12052	9480	11221	11150	8118
45	1973 Regional Report Surplus Deficit	6758	6910	8152	6906	5920	5210	6360	5769	5497	3983	5588	8907	8563	5340
46	1974 Regional Report Surplus Deficit	4468	2480	6798	5628	5214	5907	9511	10714	11143	11595	10369	10530	11009	8584
47	1975 Regional Report Surplus Deficit	6820	6553	7681	6081	5650	4469	6089	8122	9553	8086	7471	10833	11313	8678
48	1976 Regional Report Surplus Deficit	6455	6110	7984	8181	8261	9295	9065	10379	10494	11686	10165	11170	10965	7874
49	1977 Regional Report Surplus Deficit	7207	7273	11359	6952	5705	3417	3017	4396	5202	3793	6174	6741	4745	4333
50	1978 Regional Report Surplus Deficit	3750	1515	5728	5585	4530	5785	6127	7153	8285	11233	8768	10893	9287	7067
51	1979 Regional Report Surplus Deficit	5583	4656	8788	6929	5738	3822	4982	4072	8517	7670	7771	11481	8382	4807
52	1980 Regional Report Surplus Deficit	3678	2656	6379	5926	5255	3116	3795	5362	5622	9376	9264	11774	10626	5649
53	1981 Regional Report Surplus Deficit	4422	2765	6891	6220	5412	7881	8107	7387	7689	6042	8743	11047	11021	7269
54	1982 Regional Report Surplus Deficit	6188	6626	7183	6366	6058	6010	8116	10547	11347	11159	9181	10788	11096	7728
55	1983 Regional Report Surplus Deficit	6827	6666	9138	7996	6328	6541	8685	9631	10922	11033	8597	10858	10751	7690
56	1984 Regional Report Surplus Deficit	6343	6079	7817	6707	8757	6498	7842	9429	10055	12032	10196	10955	11542	7907
57	1985 Regional Report Surplus Deficit	6366	5504	7795	6804	6327	5168	5588	6440	7928	10374	9402	11005	9378	3420
58	1986 Regional Report Surplus Deficit	3701	1380	6608	6330	7525	4696	7174	9141	11640	11076	9792	10387	10475	6375

Regional Report Surplus Deficit By Water Year

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	5385	3948	6834	5959	5489	5402	4513	3289	7763	7010	7105	10515	8506	5194
60	1988 Regional Report Surplus Deficit	3493	1012	6542	5478	4824	2925	1785	2572	4783	5686	7453	9760	8727	5942
61	1989 Regional Report Surplus Deficit	4273	2627	6844	5135	4607	4103	3403	3752	7314	10409	10030	10632	9176	5105
62	1990 Regional Report Surplus Deficit	4318	2542	6653	5654	5683	4882	6745	8155	9613	9622	10754	10357	10544	6737
63	1991 Regional Report Surplus Deficit	6193	5562	6662	5476	8187	6790	7761	9540	9500	10541	8599	10546	10232	7426
64	1992 Regional Report Surplus Deficit	6468	6571	6723	5795	5382	3445	3450	3955	6232	5852	6156	9772	7347	3904
65	1993 Regional Report Surplus Deficit	3104	1220	6197	5269	5134	3543	1401	2153	6722	6663	7015	10262	9693	6514
66	1994 Regional Report Surplus Deficit	5150	3758	6649	5162	5689	3414	1990	2340	5142	5065	6868	9712	8278	5560
67	1995 Regional Report Surplus Deficit	3892	1793	6586	5111	4650	3018	4127	7326	8996	9987	7358	10598	10876	6874
68	1996 Regional Report Surplus Deficit	5562	4603	7946	6960	9465	8969	9580	11252	11726	11565	11197	11230	10952	7948
69	1997 Regional Report Surplus Deficit	6647	5908	6873	6249	5920	6454	9570	10624	11654	11308	10815	10843	11067	8166
70	1998 Regional Report Surplus Deficit	6857	6441	9170	10109	7683	6222	5740	7500	8134	8100	8484	11576	11318	7138
71	1999 Regional Report Surplus Deficit	5946	4033	7164	6174	5058	5773	8845	10409	10959	10287	9761	10833	11469	8238
72	2000 Regional Report Surplus Deficit	7234	7360	8224	6552	8638	7334	7069	7950	9300	11693	10636	10478	9586	6654
73	2001 Regional Report Surplus Deficit	6211	3685	6779	6081	5359	3373	2953	3982	5051	4206	6003	8192	3713	4374
74	2002 Regional Report Surplus Deficit	3033	1568	5407	3741	4511	3019	2617	4302	5805	10497	9883	9856	10687	7611
75	2003 Regional Report Surplus Deficit	5911	4531	6959	5355	5518	3481	2456	3725	8826	9465	8093	10017	10673	5236
76	2004 Regional Report Surplus Deficit	3838	1635	6199	5418	5587	4530	3478	4385	6165	6929	8059	10434	9528	5614
77	2005 Regional Report Surplus Deficit	4316	3309	6969	6163	5360	5273	5494	5586	6466	5831	6964	10488	9814	5934
78	2006 Regional Report Surplus Deficit	4945	2813	6521	4911	5375	4606	6630	9374	9291	11924	10432	11366	10876	6569
79	2007 Regional Report Surplus Deficit	4416	2012	6717	5541	5742	4480	6744	6510	10343	10230	8435	10497	9074	6938
80	2008 Regional Report Surplus Deficit	5528	2495	6094	5229	5103	3514	4078	4582	6970	8013	5833	10936	11462	7435

Ranked Averages

81	**Bottom 10 pct**	**3480**	**1515**	**6080**	**5330**	**5185**	**3500**	**3202**	**4508**	**6936**	**8776**	**8175**	**10578**	**10088**	**6302**
82	**Middle 80 pct**	**5495**	**4333**	**7058**	**6331**	**5967**	**5244**	**6162**	**7121**	**8461**	**9287**	**8524**	**10507**	**9948**	**6574**
83	**Top 10 pct**	**6954**	**6872**	**8997**	**7285**	**6593**	**5489**	**6356**	**7210**	**8077**	**8106**	**7932**	**10081**	**9843**	**7046**

Regional Report Surplus Deficit By Water Year

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	5532	4473	5933	5868	5239	3086	2953	4007	5234	5264	7263	8286	7235	3337
2	1930 Regional Report Surplus Deficit	4074	2178	6117	5272	4928	2976	1744	4217	5301	5956	7904	7516	3425	5550
3	1931 Regional Report Surplus Deficit	4251	2446	5701	4911	5090	2870	921	2045	4883	6814	5401	8705	4206	4789
4	1932 Regional Report Surplus Deficit	2569	642	5019	4745	4261	2837	671	2192	8422	11301	11195	10823	9624	6087
5	1933 Regional Report Surplus Deficit	5287	5034	6605	5785	4576	5145	5693	8355	8526	9600	8689	9661	10018	7689
6	1934 Regional Report Surplus Deficit	5918	6285	6649	7020	8704	8596	9227	10430	10238	11906	10936	9813	7299	5540
7	1935 Regional Report Surplus Deficit	4094	2772	5247	5477	4304	4660	6011	7763	8715	8416	8039	9589	7828	6735
8	1936 Regional Report Surplus Deficit	5654	3617	5307	4940	4839	2846	2149	3064	5860	7520	11008	11257	9302	5462
9	1937 Regional Report Surplus Deficit	4383	2760	5258	4852	5054	2846	1784	2194	4923	5678	4963	8639	5785	4739
10	1938 Regional Report Surplus Deficit	4119	2235	5999	5164	4437	5326	5871	7047	8533	11143	11512	10489	9221	6536
11	1939 Regional Report Surplus Deficit	4890	3659	6097	5887	4889	3162	4514	5265	6898	9289	9303	10440	5560	5035
12	1940 Regional Report Surplus Deficit	3559	1458	5426	5419	5239	4983	4288	4130	9728	9694	8471	9933	6157	4869
13	1941 Regional Report Surplus Deficit	3146	1224	5498	5323	4391	4708	2682	4035	5708	5896	6335	8324	5202	4936
14	1942 Regional Report Surplus Deficit	3650	1803	6310	5503	5712	5428	5407	6150	7365	7353	8875	9105	8342	7038
15	1943 Regional Report Surplus Deficit	5164	4140	7225	5886	4333	4523	6522	8754	9284	12556	12003	10421	9915	6538
16	1944 Regional Report Surplus Deficit	5405	4598	5965	4878	4987	3141	3105	4054	5279	4880	7379	6095	2513	3460
17	1945 Regional Report Surplus Deficit	3220	903	4960	4540	4492	1999	1577	3575	5326	5020	4749	10045	9020	4252
18	1946 Regional Report Surplus Deficit	4740	2989	6192	5062	4809	5184	5546	6902	8767	11220	11616	10534	9393	7014
19	1947 Regional Report Surplus Deficit	5936	5122	6657	5367	5335	8099	7987	9602	10054	10221	9406	10473	9390	7000
20	1948 Regional Report Surplus Deficit	4976	3437	6227	9106	7319	6504	8128	8452	8476	10245	11149	11048	9540	7555
21	1949 Regional Report Surplus Deficit	6208	6561	8090	5969	5187	4439	5939	5722	9727	11135	11283	10883	9316	4249
22	1950 Regional Report Surplus Deficit	3845	2206	5267	5060	4953	4592	8187	9438	10256	11922	10620	10032	9583	7396
23	1951 Regional Report Surplus Deficit	6316	6517	6913	7170	7955	8352	9131	11011	10784	11989	11117	10448	8962	7383
24	1952 Regional Report Surplus Deficit	6246	5843	6813	8605	6466	6546	7594	9254	8953	12023	11917	11000	9761	6680
25	1953 Regional Report Surplus Deficit	5212	4242	5313	4758	4529	2964	5413	6935	8365	8701	8799	10471	10121	7442
26	1954 Regional Report Surplus Deficit	5645	5102	6613	5728	5517	5763	7548	9152	9525	10627	9851	10407	9407	7978
27	1955 Regional Report Surplus Deficit	6781	6704	9992	6046	6544	5084	4431	4808	5749	7443	8051	9493	9963	8133
28	1956 Regional Report Surplus Deficit	6065	6001	6261	6290	7191	8134	9165	10162	10255	11738	11468	10670	10222	7656
29	1957 Regional Report Surplus Deficit	6288	6347	6679	6268	5173	5999	5957	6442	8674	12274	9627	11298	9982	6688
30	1958 Regional Report Surplus Deficit	5323	3972	6177	5642	5237	4140	6493	7148	8964	10429	10619	10964	9732	6131
31	1959 Regional Report Surplus Deficit	4802	3844	5936	5920	5895	7521	8878	10024	9597	11374	9684	9912	9612	6784
32	1960 Regional Report Surplus Deficit	6309	6416	10194	10478	8856	7291	7168	7321	8690	12689	10952	10013	9231	6519
33	1961 Regional Report Surplus Deficit	5412	3572	5720	5806	5116	4796	6950	7660	9702	10833	8495	10114	9366	6279
34	1962 Regional Report Surplus Deficit	4968	3964	5677	4959	5107	3872	5982	7318	6516	12302	11361	10444	9472	4625
35	1963 Regional Report Surplus Deficit	5000	3881	5737	6069	6224	7110	6836	8289	8299	8512	8442	10382	8731	6614
36	1964 Regional Report Surplus Deficit	5109	4048	6544	5423	4764	4743	4866	5364	6615	11122	8413	10066	10168	7968
37	1965 Regional Report Surplus Deficit	6141	6357	7743	6990	6097	8109	9085	10693	10371	9943	11498	10422	9018	7101
38	1966 Regional Report Surplus Deficit	6410	6566	6252	6220	5681	5244	5875	6409	6803	12018	9568	9350	8096	6588
39	1967 Regional Report Surplus Deficit	5150	3723	5878	4866	4816	5177	8163	9496	9865	9154	5676	9830	9652	7413
40	1968 Regional Report Surplus Deficit	6001	5545	6559	5911	5819	5311	7240	8377	9818	8033	7150	8680	9226	6895
41	1969 Regional Report Surplus Deficit	5831	5448	8249	7302	7337	6558	8612	10112	9449	11763	11210	10950	9532	7034
42	1970 Regional Report Surplus Deficit	5862	4763	6288	5831	5477	3945	5991	8014	8489	9746	6873	10190	9749	6268
43	1971 Regional Report Surplus Deficit	4749	3585	5886	4938	5160	4362	8650	10502	10732	11644	10860	10812	10136	8073
44	1972 Regional Report Surplus Deficit	6780	6610	7722	6460	5560	5717	8950	10491	11579	12407	10481	10783	9857	7845
45	1973 Regional Report Surplus Deficit	6598	6562	8443	6325	5578	5266	6315	6044	5786	4440	6555	8327	5887	4908
46	1974 Regional Report Surplus Deficit	3856	1779	5868	5117	4513	6811	9275	10455	11067	11968	11281	10112	9703	8308
47	1975 Regional Report Surplus Deficit	6563	6552	8089	5409	5309	4482	5776	7918	9266	8586	8499	10409	10015	8453
48	1976 Regional Report Surplus Deficit	6235	5892	7496	7645	7855	8820	8747	10185	10291	12069	11090	10750	9515	7718
49	1977 Regional Report Surplus Deficit	6837	6856	10777	6395	5372	3116	2811	4360	5632	4614	6744	6142	1066	4140
50	1978 Regional Report Surplus Deficit	2979	873	4582	4397	4172	6107	6159	7703	8109	11623	9820	10484	8058	7106
51	1979 Regional Report Surplus Deficit	5049	3782	8224	6379	5409	4040	5037	4834	8274	8177	8787	10866	6707	4026
52	1980 Regional Report Surplus Deficit	3013	1982	5475	5554	4915	2746	4521	5267	5957	9909	10268	11329	9307	5442
53	1981 Regional Report Surplus Deficit	4272	2618	6043	5745	5088	7539	7747	8886	8694	6369	8890	10110	9715	6988
54	1982 Regional Report Surplus Deficit	5676	6125	6869	5838	5650	6000	7806	10462	11320	11634	10167	10360	9776	7620
55	1983 Regional Report Surplus Deficit	6616	6591	9348	7458	5976	6496	8352	9494	10734	11461	9311	10392	9370	7652
56	1984 Regional Report Surplus Deficit	6150	6540	7324	6135	8349	6458	7512	9285	9924	12409	10972	10549	10184	7629
57	1985 Regional Report Surplus Deficit	6076	5142	6825	6306	5988	5222	5319	6212	7723	10828	10324	10580	7816	3054
58	1986 Regional Report Surplus Deficit	3014	994	5710	7114	7199	4675	6836	9043	11516	11470	10765	9959	9181	6115

Regional Report Surplus Deficit By Water Year

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	4853	3095	5899	5236	5152	5447	5017	4877	7604	7521	8132	9707	7139	4575
60	1988 Regional Report Surplus Deficit	2807	626	5553	4791	4266	2467	2091	2422	5339	6587	8336	8911	5879	5764
61	1989 Regional Report Surplus Deficit	3654	1907	5903	4848	4451	4700	3229	3332	7592	10993	11006	10216	7970	4154
62	1990 Regional Report Surplus Deficit	3711	1897	5778	4976	5751	5351	6423	8237	9157	9888	11659	9959	9313	6347
63	1991 Regional Report Surplus Deficit	5784	5021	6048	4622	7499	6685	7436	9380	9217	10922	9178	10104	9074	7208
64	1992 Regional Report Surplus Deficit	5954	6100	6143	4699	5015	3517	4174	4781	7100	6132	6765	8083	4090	3627
65	1993 Regional Report Surplus Deficit	2385	560	5048	4943	4548	3554	1345	2113	6691	7263	8182	9886	8685	5927
66	1994 Regional Report Surplus Deficit	4592	2925	5748	4775	5275	3357	2287	3619	5266	5703	8053	9299	7090	5366
67	1995 Regional Report Surplus Deficit	3647	1508	5568	4607	4284	3798	3946	7580	9726	8798	7728	9972	9541	6636
68	1996 Regional Report Surplus Deficit	4990	3742	6992	7327	9085	8553	9318	11098	11607	12034	12084	10811	9693	7682
69	1997 Regional Report Surplus Deficit	6253	6302	6463	5592	5573	6417	9295	10384	11577	11695	11710	10453	9807	7919
70	1998 Regional Report Surplus Deficit	6735	6711	9008	9601	7286	6225	6110	7002	7971	8613	9074	10954	9972	7015
71	1999 Regional Report Surplus Deficit	5601	3587	6248	5524	4648	5866	8570	10271	10831	10730	10473	10406	10168	7991
72	2000 Regional Report Surplus Deficit	6881	6970	8020	6074	8158	7190	6814	7766	9114	12066	11530	9899	8478	6609
73	2001 Regional Report Surplus Deficit	5710	2927	5892	5565	5015	3066	2767	3910	5653	5015	7287	7464	388	3475
74	2002 Regional Report Surplus Deficit	2659	1284	4606	3685	4231	3748	3120	4759	6284	9985	10850	9403	9386	7336
75	2003 Regional Report Surplus Deficit	5817	4691	6070	4158	5013	3166	2981	4014	8652	9927	9121	9564	9400	4297
76	2004 Regional Report Surplus Deficit	3205	1101	5324	5218	4847	5360	3876	3537	7398	8612	8236	9710	8010	4830
77	2005 Regional Report Surplus Deficit	3713	2526	6413	5656	5023	5301	5243	6224	6638	6338	7987	10021	8374	5261
78	2006 Regional Report Surplus Deficit	4377	2091	5614	4741	4910	4595	6320	9210	9109	12205	11363	10924	9609	6216
79	2007 Regional Report Surplus Deficit	4444	2876	5769	4473	5644	4633	6594	6331	10329	10672	9416	10025	7780	6676
80	2008 Regional Report Surplus Deficit	4858	1914	5281	5098	4603	3930	4027	4905	6878	8665	6496	10475	10169	7186

Ranked Averages

81	**Bottom 10 pct**	**2821**	**1023**	**5186**	**5069**	**4748**	**3855**	**3428**	**4692**	**7253**	**9254**	**9469**	**9890**	**8165**	**6089**
82	**Middle 80 pct**	**5097**	**3977**	**6289**	**5741**	**5586**	**5234**	**6033**	**7232**	**8523**	**9720**	**9412**	**9999**	**8504**	**6214**
83	**Top 10 pct**	**6724**	**6694**	**8925**	**6721**	**6223**	**5447**	**6195**	**7235**	**8229**	**8704**	**8781**	**9550**	**8076**	**6844**

Regional Report Surplus Deficit By Water Year

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	5149	4628	5721	5432	4730	2545	2222	3436	4595	2837	4806	9652	8024	2721
2	1930 Regional Report Surplus Deficit	3717	2460	5551	4836	4417	2434	1061	3646	4664	3525	5435	8873	4358	4916
3	1931 Regional Report Surplus Deficit	3954	2362	4991	4474	4578	2330	280	1441	4245	4380	2966	10037	5065	4158
4	1932 Regional Report Surplus Deficit	2693	390	5102	4310	3759	2296	50.2	1589	7856	8872	8691	12001	10402	5452
5	1933 Regional Report Surplus Deficit	5053	4534	6188	5348	4084	4610	4909	7793	7965	7167	6204	10926	10808	7082
6	1934 Regional Report Surplus Deficit	5682	5990	6306	6569	8224	8054	8476	9839	9712	9473	8436	11045	8064	4906
7	1935 Regional Report Surplus Deficit	3581	2281	4641	5038	3826	4124	5225	7207	8159	5981	5570	10883	8600	6106
8	1936 Regional Report Surplus Deficit	5566	3891	5237	4506	4330	2305	1458	2478	5234	5085	8496	12431	10070	4829
9	1937 Regional Report Surplus Deficit	4220	2481	5150	4418	4542	2305	1087	1597	4285	3248	2528	9975	6626	4111
10	1938 Regional Report Surplus Deficit	4315	2397	5096	4726	3942	4792	5086	6493	7963	8714	9011	11711	9991	5899
11	1939 Regional Report Surplus Deficit	4648	2978	5887	5448	4382	2620	3750	4706	6287	6856	6808	11706	6389	4404
12	1940 Regional Report Surplus Deficit	3283	1799	5172	4977	4727	4449	3519	3554	9184	7261	5988	11227	6964	4239
13	1941 Regional Report Surplus Deficit	3380	1296	4772	4882	3883	4173	1969	3463	5083	3464	3882	9647	6016	4302
14	1942 Regional Report Surplus Deficit	3231	1431	4831	5065	5201	4894	4625	5596	6775	4918	6381	10411	9110	6417
15	1943 Regional Report Surplus Deficit	4966	3701	6683	5447	3855	3986	5736	8194	8734	10123	9549	11636	10701	5905
16	1944 Regional Report Surplus Deficit	5224	4238	5729	4448	4478	2599	2369	3484	4640	2453	4920	7473	3450	2834
17	1945 Regional Report Surplus Deficit	2328	-5.08	3843	4102	3982	1459	926	2992	4688	2596	2316	11332	9799	3588
18	1946 Regional Report Surplus Deficit	4544	3111	5441	4629	4306	4649	4764	6348	8202	8795	9131	11748	10163	6392
19	1947 Regional Report Surplus Deficit	5735	4855	6270	4937	4826	7566	7217	9031	9522	7788	6912	11696	10165	6376
20	1948 Regional Report Surplus Deficit	4964	3223	5989	8644	6823	5972	7360	7893	7910	7814	8643	12199	10331	6944
21	1949 Regional Report Surplus Deficit	5911	6260	7847	5531	4679	3902	5153	5166	9187	8704	8773	12075	10097	3583
22	1950 Regional Report Surplus Deficit	3725	2106	4922	4625	4447	4056	7418	8870	9722	9491	8107	11268	10360	6770
23	1951 Regional Report Surplus Deficit	6096	6124	6586	6721	7465	7819	8378	10420	10268	9560	8610	11679	9731	6770
24	1952 Regional Report Surplus Deficit	5885	5848	6486	8143	5957	6014	6819	8690	8394	9593	9436	12161	10544	6037
25	1953 Regional Report Surplus Deficit	4790	3441	5246	4327	4025	2423	4634	6381	7793	6266	6318	11707	10913	6824
26	1954 Regional Report Surplus Deficit	5130	4491	6286	5292	5005	5229	6769	8589	8982	8196	7348	11626	10181	7390
27	1955 Regional Report Surplus Deficit	6382	6491	9940	5608	6038	4549	3667	4247	5130	5009	5575	10771	10748	7543
28	1956 Regional Report Surplus Deficit	5831	5492	5919	5850	6693	7602	8345	9750	9728	9301	8984	11855	11013	7043
29	1957 Regional Report Surplus Deficit	6056	6085	6355	5828	4666	5466	5172	5888	8104	9844	7127	12435	10776	6059
30	1958 Regional Report Surplus Deficit	5376	4283	5815	5207	4726	3601	5707	6595	8410	7999	8107	12132	10512	5496
31	1959 Regional Report Surplus Deficit	4220	3712	5708	5480	5383	6989	8119	9445	9056	8945	7183	11165	10395	6154
32	1960 Regional Report Surplus Deficit	6129	6141	10327	10033	8376	6759	6390	6767	8122	10251	8441	11281	10002	5888
33	1961 Regional Report Surplus Deficit	5279	3463	5545	5368	4608	4260	6168	7105	9161	8404	6013	11337	10150	5647
34	1962 Regional Report Surplus Deficit	5133	3981	5451	4525	4598	3333	5197	6764	5906	9865	8869	11669	10247	3999
35	1963 Regional Report Surplus Deficit	4919	3442	5416	5623	5714	6578	6054	7580	7859	6076	5965	11665	9496	5984
36	1964 Regional Report Surplus Deficit	5020	3694	6317	4991	4263	4207	4093	4806	6004	8693	5937	11306	10959	7375
37	1965 Regional Report Surplus Deficit	5907	6082	7439	6540	5586	7576	8333	10102	9850	7509	9014	11622	9789	6474
38	1966 Regional Report Surplus Deficit	6162	6310	5865	5779	5169	4709	5091	5856	6194	9589	7069	10659	8862	5959
39	1967 Regional Report Surplus Deficit	5174	3517	5786	4431	4311	4642	7394	8925	9331	6720	3238	11110	10436	6796
40	1968 Regional Report Surplus Deficit	5817	5269	6234	5473	5307	4776	6457	7820	9281	5598	4690	10020	10005	6270
41	1969 Regional Report Surplus Deficit	5612	5265	8048	6848	6841	6025	7853	9537	8868	9333	8709	12124	10306	6407
42	1970 Regional Report Surplus Deficit	5671	4475	6001	5396	4965	3406	5207	7458	7920	7313	4423	11463	10531	5634
43	1971 Regional Report Surplus Deficit	4098	2822	5681	4505	4653	3824	7889	9908	10221	9213	8352	11985	10925	7478
44	1972 Regional Report Surplus Deficit	6561	6329	7416	6020	5050	5183	8197	9890	11078	9980	7969	11959	10646	7249
45	1973 Regional Report Surplus Deficit	6386	6333	8224	5885	5066	4731	5530	5489	5156	2028	4106	9663	6709	4278
46	1974 Regional Report Surplus Deficit	3793	1515	5006	4680	4027	6279	8520	9859	10564	9538	8794	11298	10487	7723
47	1975 Regional Report Surplus Deficit	6364	6318	7855	4979	4799	3945	4993	7362	8712	6151	6016	11643	10804	7883
48	1976 Regional Report Surplus Deficit	6038	5769	7169	7191	7365	8282	7985	9604	9766	9637	8589	11933	10301	7109
49	1977 Regional Report Surplus Deficit	6525	6686	10710	5953	4861	2575	2075	3796	5003	2193	4290	7498	2082	3512
50	1978 Regional Report Surplus Deficit	2650	562	4008	3970	3685	5574	5374	6935	7708	9192	7317	11715	8823	6483
51	1979 Regional Report Surplus Deficit	4881	3504	7203	5935	4898	3501	4256	4268	7694	5742	6301	12090	7507	3404
52	1980 Regional Report Surplus Deficit	2931	1921	5469	5118	4404	2202	3755	4706	5328	7477	7759	12488	10089	4791
53	1981 Regional Report Surplus Deficit	3979	2192	5859	5307	4578	7007	6973	8324	8133	3936	6400	11366	10507	6368
54	1982 Regional Report Surplus Deficit	5505	5834	6902	5403	5138	5467	7032	9975	10730	9204	7655	11548	10558	7009
55	1983 Regional Report Surplus Deficit	6241	6296	8866	7006	5464	5963	7584	8929	10213	9033	6812	11614	10139	7048
56	1984 Regional Report Surplus Deficit	5899	6422	7385	5697	7864	5926	6732	8722	9381	9977	8472	11768	10972	7019
57	1985 Regional Report Surplus Deficit	6227	5402	6881	5870	5476	4687	4539	5657	7141	8397	7811	11794	8588	2457
58	1986 Regional Report Surplus Deficit	2752	1109	5401	6664	6700	4139	6052	8481	11066	9041	8254	11229	9955	5476

Regional Report Surplus Deficit By Water Year

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	4678	2793	5650	4804	4647	4913	4243	4313	7014	5085	5658	10990	7912	3947
60	1988 Regional Report Surplus Deficit	2802	1023	4894	4356	3756	1937	1404	1825	4705	4155	5860	10247	6703	5130
61	1989 Regional Report Surplus Deficit	4042	1959	4876	4415	3954	4164	2495	2747	7001	8565	8501	11465	8741	3531
62	1990 Regional Report Surplus Deficit	3401	2223	5390	4542	5239	4817	5638	7677	8607	7455	9177	11216	10086	5714
63	1991 Regional Report Surplus Deficit	5441	4667	5688	4195	7008	6153	6659	8810	8673	8493	6678	11338	9843	6597
64	1992 Regional Report Surplus Deficit	5723	5801	5864	4268	4506	2977	3408	4218	6507	3699	4311	9428	4946	3001
65	1993 Regional Report Surplus Deficit	2424	680	4094	4506	4039	3015	693	1512	6086	4829	5710	11142	9449	5293
66	1994 Regional Report Surplus Deficit	4599	3145	5069	4342	4763	2818	1591	3047	4626	3274	5583	10589	7866	4733
67	1995 Regional Report Surplus Deficit	3519	1447	4985	4173	3788	3260	3194	7026	9185	6363	5260	11273	10325	5989
68	1996 Regional Report Surplus Deficit	4848	3774	6226	6872	8603	8003	8565	10507	11099	9627	9617	12004	10475	7082
69	1997 Regional Report Surplus Deficit	6062	6009	6031	5158	5062	5884	8543	9788	11078	9261	9240	11640	10597	7322
70	1998 Regional Report Surplus Deficit	6445	6456	8912	9141	6788	5692	5325	6448	7387	6178	6584	12117	10769	6357
71	1999 Regional Report Surplus Deficit	5626	4229	5977	5091	4153	5333	7807	9690	10315	8301	7961	11639	10957	7389
72	2000 Regional Report Surplus Deficit	6619	6758	7760	5636	7674	6658	6029	7211	8558	9642	9037	11178	9245	5978
73	2001 Regional Report Surplus Deficit	5507	2520	5678	5131	4505	2524	2031	3341	5025	2590	4829	8819	1451	2848
74	2002 Regional Report Surplus Deficit	2160	465	3329	3258	3736	3209	2392	4197	5668	7553	8340	10704	10163	6721
75	2003 Regional Report Surplus Deficit	5471	3894	5599	3729	4501	2626	2255	3445	8088	7494	6626	10853	10176	3651
76	2004 Regional Report Surplus Deficit	2672	1164	4752	4778	4336	4826	3121	2954	6808	6177	5758	11001	8776	4202
77	2005 Regional Report Surplus Deficit	3187	2122	6978	5217	4512	4767	4459	5670	6036	3904	5511	11275	9139	4630
78	2006 Regional Report Surplus Deficit	4372	2148	5125	4303	4400	4058	5535	8645	8559	9766	8877	12078	10394	5536
79	2007 Regional Report Surplus Deficit	4428	2715	5238	4046	5132	4097	5810	5777	9796	8242	6914	11286	8549	6045
80	2008 Regional Report Surplus Deficit	4519	2135	4580	4659	4094	3393	3266	4346	6276	6230	4053	11662	10960	6560

Ranked Averages

81	**Bottom 10 pct**	**2560**	**674**	**4428**	**4493**	**4249**	**3307**	**2501**	**3811**	**6823**	**6552**	**6531**	**11171**	**9259**	**5293**
82	**Middle 80 pct**	**4904**	**3814**	**5934**	**5320**	**5081**	**4699**	**5298**	**6700**	**7940**	**7322**	**6984**	**11242**	**9259**	**5610**
83	**Top 10 pct**	**6440**	**6458**	**8710**	**6279**	**5718**	**4912**	**5425**	**6671**	**7655**	**6277**	**6299**	**10805**	**8893**	**6231**

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	4582	4143	5245	5288	4547	2316	1929	3103	4409	3339	5419	8136	6549	2420
2	1930 Regional Report Surplus Deficit	3137	1978	5076	4693	4244	2205	772	3313	4479	4035	6057	7370	2711	4601
3	1931 Regional Report Surplus Deficit	3392	1880	4514	4331	4426	2103	-4.96	1118	4040	4893	3548	8568	3506	3844
4	1932 Regional Report Surplus Deficit	2053	-120	4625	4167	3529	2067	-234	1266	7702	9326	9300	10730	8933	5137
5	1933 Regional Report Surplus Deficit	4473	4043	5715	5204	3811	4383	4604	7457	7812	7649	6834	9543	9317	6760
6	1934 Regional Report Surplus Deficit	5054	5467	5832	6425	7877	7760	8167	9514	9555	9925	9039	9699	6618	4591
7	1935 Regional Report Surplus Deficit	2986	1799	4163	4894	3498	3899	4919	6869	8009	6483	6192	9466	7146	5790
8	1936 Regional Report Surplus Deficit	4943	3415	4758	4363	4142	2076	1169	2149	5053	5596	9118	11160	8618	4515
9	1937 Regional Report Surplus Deficit	3661	1995	4671	4275	4388	2077	798	1272	4080	3756	3109	8503	5089	3798
10	1938 Regional Report Surplus Deficit	3749	1909	4616	4583	3681	4565	4781	6154	7807	9171	9616	10379	8536	5589
11	1939 Regional Report Surplus Deficit	4088	2498	5414	5304	4180	2390	3452	4369	6112	7347	7442	10339	4866	4091
12	1940 Regional Report Surplus Deficit	2693	1311	4695	4833	4579	4221	3220	3223	9035	7746	6617	9809	5467	3925
13	1941 Regional Report Surplus Deficit	2794	801	4293	4739	3687	3947	1678	3130	4902	3976	4491	8192	4511	3987
14	1942 Regional Report Surplus Deficit	2664	945	4354	4921	5063	4666	4321	5257	6610	5429	7015	8977	7664	6099
15	1943 Regional Report Surplus Deficit	4380	3225	6208	5303	3528	3761	5428	7857	8584	10576	10106	10314	9218	5590
16	1944 Regional Report Surplus Deficit	4647	3761	5253	4304	4291	2369	2075	3151	4435	2956	5534	5937	1799	2523
17	1945 Regional Report Surplus Deficit	1744	-513	3356	3958	3803	1219	640	2663	4483	3093	2892	9924	8349	3280
18	1946 Regional Report Surplus Deficit	3985	2633	4963	4486	4080	4422	4461	6009	8048	9252	9717	10426	8702	6069
19	1947 Regional Report Surplus Deficit	5110	4369	5797	4794	4645	7302	6904	8698	9370	8264	7545	10366	8701	6059
20	1948 Regional Report Surplus Deficit	4367	2748	5515	8497	6658	5733	7047	7556	7756	8287	9255	10959	8838	6623
21	1949 Regional Report Surplus Deficit	5276	5727	7368	5388	4486	3678	4846	4828	9038	9161	9391	10781	8642	3277
22	1950 Regional Report Surplus Deficit	3114	1609	4439	4482	4242	3831	7105	8536	9571	9939	8737	9930	8893	6454
23	1951 Regional Report Surplus Deficit	5462	5600	6113	6577	7264	7552	8066	10095	10095	10005	9223	10345	8279	6450
24	1952 Regional Report Surplus Deficit	5249	5331	6012	7996	5824	5775	6506	8355	8241	10040	10018	10907	9077	5721
25	1953 Regional Report Surplus Deficit	4214	2966	4765	4184	3809	2195	4331	6042	7636	6764	6946	10357	9416	6506
26	1954 Regional Report Surplus Deficit	4553	4012	5812	5149	4842	5000	6457	8253	8833	8668	7983	10298	8719	7059
27	1955 Regional Report Surplus Deficit	5767	5954	9456	5464	5904	4323	3369	3910	4952	5521	6201	9371	9266	7213
28	1956 Regional Report Surplus Deficit	5194	4987	5444	5706	6537	7336	8033	9421	9572	9755	9569	10571	9520	6722
29	1957 Regional Report Surplus Deficit	5419	5563	5881	5685	4467	5235	4865	5549	7947	10292	7762	11204	9275	5743
30	1958 Regional Report Surplus Deficit	4793	3805	5340	5064	4554	3376	5400	6256	8260	8468	8739	10869	9040	5181
31	1959 Regional Report Surplus Deficit	3660	3237	5233	5337	5242	6735	7806	9115	8908	9400	7818	9790	8917	5838
32	1960 Regional Report Surplus Deficit	5501	5611	9849	9889	8017	6504	6078	6428	7967	10713	9060	9893	8549	5572
33	1961 Regional Report Surplus Deficit	4695	2987	5069	5225	4414	4035	5858	6767	9012	8864	6642	9999	8670	5332
34	1962 Regional Report Surplus Deficit	4559	3503	4975	4382	4417	3108	4891	6425	5731	10316	9462	10331	8783	3688
35	1963 Regional Report Surplus Deficit	4357	2966	4939	5479	5581	6330	5743	7241	7704	6582	6592	10259	8051	5668
36	1964 Regional Report Surplus Deficit	4443	3219	5843	4847	4029	3982	3793	4469	5829	9150	6563	9954	9466	7046
37	1965 Regional Report Surplus Deficit	5270	5552	6963	6395	5451	7307	8026	9777	9686	7994	9599	10318	8336	6157
38	1966 Regional Report Surplus Deficit	5530	5777	5389	5635	5023	4482	4786	5517	6019	10037	7704	9222	7415	5643
39	1967 Regional Report Surplus Deficit	4564	3042	5312	4288	4098	4416	7081	8592	9180	7216	3829	9725	8956	6477
40	1968 Regional Report Surplus Deficit	5182	4769	5760	5330	5161	4549	6147	7482	9132	6104	5305	8542	8549	5950
41	1969 Regional Report Surplus Deficit	4982	4764	7566	6703	6675	5786	7541	9210	8718	9781	9313	10853	8851	6091
42	1970 Regional Report Surplus Deficit	5047	3993	5527	5253	4803	3180	4902	7120	7764	7798	5029	10079	9055	5318
43	1971 Regional Report Surplus Deficit	3524	2341	5206	4362	4453	3600	7576	9585	10049	9665	8967	10716	9436	7156
44	1972 Regional Report Surplus Deficit	5945	5800	6941	5876	4871	4954	7885	9472	10859	10431	8601	10686	9156	6927
45	1973 Regional Report Surplus Deficit	5782	5797	7744	5741	4900	4505	5223	5150	4973	2515	4711	8190	5195	3965
46	1974 Regional Report Surplus Deficit	3224	1020	4527	4536	3728	6037	8216	9537	10367	9987	9382	10012	9008	7391
47	1975 Regional Report Surplus Deficit	5746	5783	7376	4835	4618	3720	4689	7023	8562	6651	6646	10297	9314	7545
48	1976 Regional Report Surplus Deficit	5402	5260	6694	7046	7165	7995	7672	9275	9608	10085	9193	10650	8834	6788
49	1977 Regional Report Surplus Deficit	5909	6148	10235	5809	4691	2347	1781	3461	4821	2682	4900	5994	338	3201
50	1978 Regional Report Surplus Deficit	2028	44.2	3513	3825	3389	5340	5067	6596	7551	9641	7952	10371	7377	6165
51	1979 Regional Report Surplus Deficit	4321	3029	6726	5791	4731	3276	3953	3933	7534	6248	6932	10763	6019	3096
52	1980 Regional Report Surplus Deficit	2312	1429	4993	4975	4228	1967	3456	4370	5145	7951	8394	11236	8625	4476
53	1981 Regional Report Surplus Deficit	3419	1708	5386	5163	4398	6752	6660	7988	7980	4448	7032	9993	9013	6050
54	1982 Regional Report Surplus Deficit	4869	5310	6428	5260	4989	5235	6719	9647	10519	9654	8287	10260	9081	6688
55	1983 Regional Report Surplus Deficit	5610	5764	8381	6862	5320	5727	7271	8594	10050	9487	7447	10290	8685	6723
56	1984 Regional Report Surplus Deficit	5267	5889	6910	5554	7627	5690	6421	8386	9232	10429	9075	10441	9483	6698
57	1985 Regional Report Surplus Deficit	5590	4910	6407	5726	5324	4460	4236	5319	6979	8863	8443	10477	7134	2143
58	1986 Regional Report Surplus Deficit	2091	594	4922	6519	6548	3914	5743	8145	10818	9489	8874	9838	8497	5159

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	4115	2315	5175	4661	4439	4686	3942	3978	6848	5597	6283	9585	6457	3636
60	1988 Regional Report Surplus Deficit	2174	517	4412	4213	3579	1695	1115	1500	4521	4667	6486	8773	5186	4814
61	1989 Regional Report Surplus Deficit	3479	1473	4394	4272	3702	3939	2202	2418	6834	9028	9110	10100	7289	3223
62	1990 Regional Report Surplus Deficit	2812	1737	4912	4398	5101	4588	5331	7340	8458	7938	9760	9842	8629	5398
63	1991 Regional Report Surplus Deficit	4833	4181	5212	4050	6816	5909	6347	8477	8524	8951	7313	9991	8387	6275
64	1992 Regional Report Surplus Deficit	5090	5281	5389	4125	4320	2751	3110	3882	6340	4212	4921	7942	3391	2690
65	1993 Regional Report Surplus Deficit	1802	179	3607	4362	3854	2790	407	1189	5913	5341	6333	9769	8004	4978
66	1994 Regional Report Surplus Deficit	4041	2669	4591	4198	4620	2592	1302	2714	4439	3781	6205	9175	6407	4418
67	1995 Regional Report Surplus Deficit	2944	956	4508	4030	3531	3035	2898	6687	9036	6860	5881	9846	8861	5672
68	1996 Regional Report Surplus Deficit	4288	3298	5753	6727	8199	7703	8259	10182	10880	10068	10185	10709	8998	6757
69	1997 Regional Report Surplus Deficit	5428	5484	5556	5015	4901	5649	8235	9466	10843	9710	9811	10353	9105	6995
70	1998 Regional Report Surplus Deficit	5825	5923	8428	8994	6632	5459	5020	6109	7223	6679	7216	10860	9284	6041
71	1999 Regional Report Surplus Deficit	4990	3750	5502	4948	3889	5103	7494	9361	10142	8762	8592	10311	9468	7066
72	2000 Regional Report Surplus Deficit	5995	6222	7282	5492	7420	6410	5720	6872	8407	10088	9631	9778	7799	5662
73	2001 Regional Report Surplus Deficit	4913	2028	5202	4987	4325	2295	1737	3007	4843	3090	5443	7318	-348	2537
74	2002 Regional Report Surplus Deficit	1555	-35.2	2828	3113	3473	2983	2099	3861	5491	8034	8959	9276	8696	6402
75	2003 Regional Report Surplus Deficit	4880	3418	5124	3586	4351	2398	1963	3111	7934	7974	7260	9440	8715	3354
76	2004 Regional Report Surplus Deficit	2011	655	4268	4635	4173	4596	2824	2625	6641	6675	6385	9586	7329	3890
77	2005 Regional Report Surplus Deficit	2576	1635	6501	5074	4342	4537	4155	5331	5865	4417	6137	9905	7694	4316
78	2006 Regional Report Surplus Deficit	3813	1663	4649	4159	4223	3833	5228	8310	8410	10219	9464	10833	8931	5225
79	2007 Regional Report Surplus Deficit	3869	2237	4759	3901	4992	3872	5501	5439	9645	8704	7550	9908	7098	5729
80	2008 Regional Report Surplus Deficit	3953	1643	4092	4515	3910	3168	2969	4009	6104	6730	4651	10377	9466	6243

Ranked Averages

81	**Bottom 10 pct**	**1932**	**165**	**3942**	**4349**	**4044**	**3076**	**2208**	**3480**	**6640**	**7033**	**7148**	**9783**	**7796**	**4978**
82	**Middle 80 pct**	**4308**	**3322**	**5457**	**5176**	**4884**	**4463**	**4993**	**6366**	**7773**	**7798**	**7597**	**9884**	**7773**	**5294**
83	**Top 10 pct**	**5823**	**5924**	**8230**	**6134**	**5545**	**4681**	**5120**	**6324**	**7481**	**6757**	**6919**	**9433**	**7380**	**5910**

Regional Report Surplus Deficit By Water Year

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

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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	4280	3901	5080	4895	4082	1828	1490	2621	3929	4021	6114	7820	7303	1920
2	1930 Regional Report Surplus Deficit	2777	1739	4912	4299	3778	1717	266	2831	3998	4717	6746	7038	3649	4091
3	1931 Regional Report Surplus Deficit	3046	1641	4345	3938	3959	1588	-579	639	3576	5576	4263	8202	4366	3331
4	1932 Regional Report Surplus Deficit	1687	-410	4457	3773	3070	1579	-835	786	7220	10005	9982	10251	9545	4631
5	1933 Regional Report Surplus Deficit	4193	3797	5555	4811	3359	3779	4205	6967	7331	8330	7518	9120	9927	6272
6	1934 Regional Report Surplus Deficit	4826	5208	5673	6035	7436	7232	7655	9020	9069	10608	9722	9260	7295	4084
7	1935 Regional Report Surplus Deficit	2621	1558	3992	4502	3052	3310	4514	6381	7527	7166	6882	9061	7856	5297
8	1936 Regional Report Surplus Deficit	4711	3180	4585	3968	3677	1582	674	1669	4573	6279	9798	10683	9254	4003
9	1937 Regional Report Surplus Deficit	3322	1752	4496	3880	3921	1569	310	792	3616	4438	3825	8139	5926	3285
10	1938 Regional Report Surplus Deficit	3399	1665	4439	4190	3227	3960	4382	5667	7326	9851	10299	9932	9171	5084
11	1939 Regional Report Surplus Deficit	3745	2260	5253	4912	3718	1919	3050	3885	5632	8028	8123	9908	5687	3577
12	1940 Regional Report Surplus Deficit	2330	1066	4526	4441	4112	3616	2822	2741	8552	8427	7302	9405	6255	3412
13	1941 Regional Report Surplus Deficit	2431	550	4118	4347	3223	3351	1214	2648	4421	4659	5189	7814	5310	3478
14	1942 Regional Report Surplus Deficit	2312	702	4183	4528	4596	4058	3926	4772	6129	6112	7696	8585	8329	5611
15	1943 Regional Report Surplus Deficit	4108	2990	6047	4911	3082	3188	5015	7367	8102	11258	10803	9862	9827	5088
16	1944 Regional Report Surplus Deficit	4362	3524	5084	3909	3826	1893	1642	2669	3971	3638	6229	5647	2740	2010
17	1945 Regional Report Surplus Deficit	1382	-775	3166	3565	3338	802	83.8	2182	4019	3775	3613	9518	8990	2750
18	1946 Regional Report Surplus Deficit	3653	2397	4792	4091	3621	3821	4066	5523	7567	9926	10406	9974	9342	5577
19	1947 Regional Report Surplus Deficit	4889	4126	5637	4398	4180	6738	6432	8206	8885	8945	8226	9919	9317	5570
20	1948 Regional Report Surplus Deficit	4108	2513	5355	8106	6203	5124	6568	7066	7274	8968	9936	10465	9449	6137
21	1949 Regional Report Surplus Deficit	5051	5471	7199	4995	4022	3099	4439	4343	8554	9842	10071	10316	9267	2770
22	1950 Regional Report Surplus Deficit	2748	1356	4256	4088	3780	3244	6627	8045	9087	10616	9415	9484	9506	5964
23	1951 Regional Report Surplus Deficit	5235	5341	5953	6187	6813	6993	7553	9600	9607	10686	9904	9897	8921	5963
24	1952 Regional Report Surplus Deficit	5026	5073	5853	7607	5358	5166	6050	7864	7760	10718	10708	10421	9693	5218
25	1953 Regional Report Surplus Deficit	3927	2731	4585	3788	3348	1694	3937	5556	7155	7446	7631	9921	10028	6019
26	1954 Regional Report Surplus Deficit	4268	3774	5651	4755	4375	4389	6013	7763	8350	9348	8662	9848	9335	6567
27	1955 Regional Report Surplus Deficit	5520	5705	9267	5071	5440	3718	2967	3427	4472	6203	6888	8958	9875	6719
28	1956 Regional Report Surplus Deficit	4972	4733	5279	5314	6079	6774	7520	8927	9086	10425	10258	10101	10131	6236
29	1957 Regional Report Surplus Deficit	5196	5304	5720	5292	4004	4623	4462	5064	7466	10973	8441	10708	9889	5250
30	1958 Regional Report Surplus Deficit	4516	3568	5177	4670	4088	2832	4992	5770	7777	9148	9417	10388	9651	4676
31	1959 Regional Report Surplus Deficit	3317	3002	5070	4944	4774	6150	7303	8622	8424	10080	8497	9364	9527	5343
32	1960 Regional Report Surplus Deficit	5268	5353	9666	9493	7575	5921	5631	5941	7486	11394	9739	9473	9179	5078
33	1961 Regional Report Surplus Deficit	4420	2752	4903	4832	3950	3441	5422	6279	8529	9544	7326	9556	9279	4836
34	1962 Regional Report Surplus Deficit	4269	3265	4808	3987	3951	2561	4488	5938	5250	10988	10149	9884	9398	3175
35	1963 Regional Report Surplus Deficit	4044	2731	4769	5089	5116	5734	5310	6753	7223	7264	7278	9849	8707	5175
36	1964 Regional Report Surplus Deficit	4158	2984	5684	4452	3570	3394	3397	3985	5349	9829	7250	9517	10077	6555
37	1965 Regional Report Surplus Deficit	5047	5294	6799	6005	4984	6751	7516	9283	9199	8675	10288	9858	8962	5670
38	1966 Regional Report Surplus Deficit	5300	5521	5225	5243	4556	3876	4387	5031	5539	10718	8384	8832	8096	5149
39	1967 Regional Report Surplus Deficit	4319	2807	5150	3894	3636	3815	6603	8100	8696	7897	4538	9312	9566	5991
40	1968 Regional Report Surplus Deficit	4959	4518	5601	4937	4693	3943	5717	6993	8648	6787	5999	8185	9155	5464
41	1969 Regional Report Surplus Deficit	4755	4512	7391	6314	6219	5178	7036	8716	8236	10462	9997	10376	9485	5605
42	1970 Regional Report Surplus Deficit	4816	3754	5366	4859	4336	2645	4505	6632	7282	8479	5729	9660	9664	4814
43	1971 Regional Report Surplus Deficit	3166	2102	5041	3967	3990	3037	7078	9090	9561	10333	9647	10238	10046	6662
44	1972 Regional Report Surplus Deficit	5698	5542	6779	5484	4406	4344	7372	8884	10367	11108	9278	10210	9766	6440
45	1973 Regional Report Surplus Deficit	5524	5544	7572	5349	4433	3907	4819	4666	4493	3196	5411	7826	6005	3452
46	1974 Regional Report Surplus Deficit	2870	770	4355	4143	3280	5431	7719	9042	9877	10668	10070	9543	9617	6894
47	1975 Regional Report Surplus Deficit	5502	5529	7208	4439	4153	3155	4294	6535	8080	7333	7330	9856	9924	7037
48	1976 Regional Report Surplus Deficit	5178	5005	6534	6657	6715	7466	7176	8782	9122	10766	9876	10180	9461	6298
49	1977 Regional Report Surplus Deficit	5663	5904	10055	5418	4225	1850	1348	2978	4341	3363	5597	5687	1346	2687
50	1978 Regional Report Surplus Deficit	1661	-227	3305	3429	2941	4727	4663	6109	7069	10322	8630	9929	8056	5677
51	1979 Regional Report Surplus Deficit	4002	2794	6561	5400	4264	2725	3559	3451	7053	6930	7615	10315	6794	2587
52	1980 Regional Report Surplus Deficit	1945	1180	4827	4581	3763	1547	3056	3886	4665	8632	9071	10749	9240	3963
53	1981 Regional Report Surplus Deficit	3080	1466	5225	4771	3933	6168	6197	7498	7498	5131	7714	9566	9624	5562
54	1982 Regional Report Surplus Deficit	4647	5051	6267	4866	4521	4622	6259	9153	10033	10336	8964	9792	9691	6201
55	1983 Regional Report Surplus Deficit	5379	5507	8200	6472	4853	5116	6792	8103	9563	10166	8126	9839	9311	6238
56	1984 Regional Report Surplus Deficit	5037	5633	6748	5161	7180	5078	5983	7896	8749	11110	9758	9991	10093	6210
57	1985 Regional Report Surplus Deficit	5367	4663	6247	5333	4857	3860	3842	4834	6498	9543	9121	10025	7843	1659
58	1986 Regional Report Surplus Deficit	1734	326	4749	6129	6090	3322	5323	7655	10330	10170	9554	9420	9116	4655

Regional Report Surplus Deficit By Water Year

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	3803	2077	5010	4266	3977	4080	3547	3495	6367	6279	6970	9174	7169	3123
60	1988 Regional Report Surplus Deficit	1808	258	4232	3819	3114	1276	615	1020	4040	5349	7173	8412	6000	4307
61	1989 Regional Report Surplus Deficit	3131	1230	4213	3877	3246	3346	1766	1937	6353	9708	9792	9669	7992	2713
62	1990 Regional Report Surplus Deficit	2449	1493	4741	4004	4634	3978	4921	6851	7975	8619	10449	9415	9251	4896
63	1991 Regional Report Surplus Deficit	4586	3939	5047	3653	6364	5307	5895	7985	8041	9631	7992	9551	9012	5789
64	1992 Regional Report Surplus Deficit	4866	5023	5227	3729	3855	2229	2709	3399	5859	4894	5618	7591	4247	2178
65	1993 Regional Report Surplus Deficit	1436	-77.4	3415	3969	3389	2246	-149	709	5433	6024	7022	9341	8662	4468
66	1994 Regional Report Surplus Deficit	3712	2434	4421	3804	4152	2055	813	2232	3959	4464	6894	8769	7130	3906
67	1995 Regional Report Surplus Deficit	2585	708	4338	3635	3076	2485	2485	6200	8553	7542	6571	9449	9477	5172
68	1996 Regional Report Surplus Deficit	3968	3064	5593	6338	7758	7148	7750	9687	10384	10756	10879	10244	9608	6268
69	1997 Regional Report Surplus Deficit	5201	5225	5391	4620	4434	5037	7723	8971	10359	10388	10504	9884	9716	6507
70	1998 Regional Report Surplus Deficit	5583	5667	8247	8603	6174	4847	4621	5623	6743	7361	7898	10376	9892	5554
71	1999 Regional Report Surplus Deficit	4768	3512	5339	4553	3436	4492	7000	8867	9653	9442	9270	9862	10078	6577
72	2000 Regional Report Surplus Deficit	5757	5970	7115	5100	6974	5814	5303	6384	7925	10769	10318	9363	8478	5167
73	2001 Regional Report Surplus Deficit	4651	1780	5035	4593	3860	1805	1305	2525	4362	3771	6138	6984	696	2024
74	2002 Regional Report Surplus Deficit	1189	-291	2606	2716	3020	2440	1656	3378	5011	8715	9638	8879	9310	5915
75	2003 Regional Report Surplus Deficit	4614	3183	4958	3189	3884	1890	1517	2629	7452	8654	7940	9034	9335	2833
76	2004 Regional Report Surplus Deficit	1654	392	4082	4242	3706	3986	2414	2144	6161	7357	7071	9181	8013	3377
77	2005 Regional Report Surplus Deficit	2209	1391	6337	4681	3876	3926	3758	4846	5384	5100	6824	9476	8362	3803
78	2006 Regional Report Surplus Deficit	3473	1420	4482	3766	3757	3245	4822	7819	7928	10898	10152	10342	9549	4714
79	2007 Regional Report Surplus Deficit	3532	2001	4583	3504	4525	3284	5081	4953	9160	9384	8229	9482	7797	5232
80	2008 Regional Report Surplus Deficit	3601	1394	3899	4123	3445	2604	2564	3525	5623	7412	5356	9911	10077	5753

Ranked Averages

81	**Bottom 10 pct**	**1569**	**-101**	**3752**	**3955**	**3583**	**2547**	**1721**	**2998**	**6160**	**7715**	**7836**	**9366**	**8462**	**4472**
82	**Middle 80 pct**	**4018**	**3077**	**5291**	**4783**	**4423**	**3896**	**4548**	**5878**	**7291**	**8479**	**8284**	**9453**	**8444**	**4795**
83	**Top 10 pct**	**5578**	**5671**	**8056**	**5742**	**5082**	**4094**	**4690**	**5825**	**6998**	**7438**	**7606**	**9014**	**8075**	**5412**

Regional Report Surplus Deficit By Water Year

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	3770	3388	4611	4777	3815	1562	1185	2357	3619	2574	5159	7024	5985	1526
2	1930 Regional Report Surplus Deficit	2257	1231	4444	4182	3509	1451	-8.17	2568	3686	3262	5792	6259	2118	3776
3	1931 Regional Report Surplus Deficit	2529	1133	3873	3821	3686	1307	-823	393	3265	4118	3315	7459	2943	3011
4	1932 Regional Report Surplus Deficit	1159	-879	3986	3655	2814	1314	-1068	538	6858	8591	9054	9616	8266	4315
5	1933 Regional Report Surplus Deficit	3686	3288	5095	4694	3115	3451	3874	6693	6967	6895	6566	8438	8638	5940
6	1934 Regional Report Surplus Deficit	4323	4713	5211	5923	7189	6954	7382	8740	8725	9186	8796	8595	6019	3768
7	1935 Regional Report Surplus Deficit	2098	1051	3518	4385	2818	2990	4185	6107	7163	5715	5927	8358	6565	4970
8	1936 Regional Report Surplus Deficit	4208	2664	4110	3851	3411	1313	395	1413	4250	4821	8864	10050	7980	3686
9	1937 Regional Report Surplus Deficit	2807	1248	4020	3762	3648	1293	28.0	542	3304	2985	2877	7391	4529	2955
10	1938 Regional Report Surplus Deficit	2881	1162	3962	4073	2980	3631	4051	5393	6964	8433	9372	9274	7898	4758
11	1939 Regional Report Surplus Deficit	3229	1750	4790	4795	3455	1662	2726	3615	5295	6586	7173	9226	4308	3256
12	1940 Regional Report Surplus Deficit	1807	564	4054	4326	3839	3287	2495	2480	8191	6989	6350	8702	4909	3088
13	1941 Regional Report Surplus Deficit	1909	54.6	3641	4231	2959	3027	921	2385	4098	3201	4234	7084	3953	3163
14	1942 Regional Report Surplus Deficit	1794	198	3710	4411	4322	3728	3595	4499	5777	4654	6746	7870	7056	5278
15	1943 Regional Report Surplus Deficit	3602	2473	5595	4795	2849	2876	4688	7094	7739	9837	9885	9208	8542	4770
16	1944 Regional Report Surplus Deficit	3855	3008	4613	3790	3560	1633	1335	2404	3660	2190	5274	4826	1203	1672
17	1945 Regional Report Surplus Deficit	860	-1259	2682	3448	3070	576	-169	1925	3707	2332	2666	8816	7708	2440
18	1946 Regional Report Surplus Deficit	3139	1885	4318	3973	3364	3495	3735	5249	7204	8505	9483	9321	8064	5248
19	1947 Regional Report Surplus Deficit	4358	3614	5176	4279	3912	6436	6127	7933	8535	7514	7277	9258	8041	5238
20	1948 Regional Report Surplus Deficit	3603	1997	4891	8001	5941	4795	6267	6792	6912	7539	9006	9844	8160	5804
21	1949 Regional Report Surplus Deficit	4547	4977	6753	4878	3757	2785	4110	4072	8196	8422	9139	9673	7984	2460
22	1950 Regional Report Surplus Deficit	2223	863	3775	3970	3518	2925	6326	7771	8733	9203	8476	8824	8227	5633
23	1951 Regional Report Surplus Deficit	4731	4846	5494	6074	6557	6694	7274	9320	9279	9274	8974	9232	7652	5629
24	1952 Regional Report Surplus Deficit	4523	4576	5392	7502	5086	4837	5739	7591	7396	9305	9786	9794	8412	4902
25	1953 Regional Report Surplus Deficit	3420	2216	4107	3669	3089	1421	3607	5283	6794	5998	6679	9251	8738	5685
26	1954 Regional Report Surplus Deficit	3761	3258	5188	4638	4105	4057	5696	7489	7990	7920	7716	9191	8060	6245
27	1955 Regional Report Surplus Deficit	5013	5209	8811	4954	5170	3390	2643	3159	4142	4745	5935	8265	8590	6399
28	1956 Regional Report Surplus Deficit	4469	4230	4811	5198	5816	6472	7241	8652	8742	9017	9336	9462	8841	5901
29	1957 Regional Report Surplus Deficit	4692	4809	5257	5176	3740	4291	4132	4791	7105	9559	7494	10106	8597	4923
30	1958 Regional Report Surplus Deficit	4009	3052	4710	4552	3819	2536	4663	5496	7414	7722	8476	9758	8371	4360
31	1959 Regional Report Surplus Deficit	2802	2486	4603	4828	4501	5835	7015	8347	8065	8664	7550	8687	8244	5018
32	1960 Regional Report Surplus Deficit	4762	4859	9201	9375	7328	5607	5316	5667	7124	9966	8808	8787	7904	4753
33	1961 Regional Report Surplus Deficit	3914	2237	4434	4715	3686	3119	5102	6005	8170	8125	6374	8889	7996	4512
34	1962 Regional Report Surplus Deficit	3761	2750	4338	3869	3684	2263	4158	5664	4914	9573	9225	9219	8122	2837
35	1963 Regional Report Surplus Deficit	3533	2216	4296	4974	4843	5413	4989	6479	6860	5811	6325	9154	7435	4848
36	1964 Regional Report Surplus Deficit	3651	2467	5225	4334	3316	3075	3069	3715	5012	8412	6296	8847	8787	6229
37	1965 Regional Report Surplus Deficit	4544	4801	6350	5893	4711	6453	7245	9003	8863	7238	9365	9211	7691	5337
38	1966 Regional Report Surplus Deficit	4795	5027	4756	5127	4283	3547	4056	4758	5201	9305	7436	8114	6818	4823
39	1967 Regional Report Surplus Deficit	3816	2292	4684	3776	3376	3488	6301	7827	8343	6451	3587	8599	8282	5656
40	1968 Regional Report Surplus Deficit	4456	4013	5140	4820	4420	3614	5395	6719	8291	5333	5044	7431	7880	5133
41	1969 Regional Report Surplus Deficit	4253	4008	6947	6203	5958	4849	6749	8439	7877	9049	9070	9742	8199	5270
42	1970 Regional Report Surplus Deficit	4313	3239	4901	4741	4065	2353	4173	6358	6921	7041	4775	8966	8382	4497
43	1971 Regional Report Surplus Deficit	2647	1593	4572	3849	3727	2731	6787	8807	9231	8923	8717	9605	8758	6339
44	1972 Regional Report Surplus Deficit	5191	5048	6328	5368	4138	4013	7092	8513	9971	9688	8338	9576	8478	6111
45	1973 Regional Report Surplus Deficit	5015	5050	7127	5233	4163	3582	4489	4393	4174	1760	4457	7080	4637	3126
46	1974 Regional Report Surplus Deficit	2351	274	3880	4026	3045	5104	7449	8754	9543	9252	9147	8903	8334	6579
47	1975 Regional Report Surplus Deficit	4995	5035	6761	4321	3885	2848	3962	6261	7717	5884	6378	9192	8636	6741
48	1976 Regional Report Surplus Deficit	4675	4504	6081	6547	6459	7186	6884	8507	8780	9349	8949	9541	8181	5968
49	1977 Regional Report Surplus Deficit	5156	5405	9586	5302	3955	1580	1041	2711	4021	1928	4643	4903	-304	2354
50	1978 Regional Report Surplus Deficit	1135	-701	2815	3315	2705	4396	4333	5835	6709	8909	7684	9266	6779	5345
51	1979 Regional Report Surplus Deficit	3490	2279	6113	5286	3994	2425	3228	3184	6695	5476	6664	9653	5459	2230
52	1980 Regional Report Surplus Deficit	1420	682	4357	4464	3494	1319	2731	3618	4345	7202	8128	10123	7962	3647
53	1981 Regional Report Surplus Deficit	2564	960	4762	4654	3665	5853	5889	7224	7135	3674	6763	8889	8335	5229
54	1982 Regional Report Surplus Deficit	4144	4556	5814	4748	4248	4290	5950	8878	9727	8921	8025	9151	8408	5868
55	1983 Regional Report Surplus Deficit	4874	5014	7756	6361	4580	4785	6491	7830	9226	8750	7178	9185	8038	5903
56	1984 Regional Report Surplus Deficit	4533	5139	6297	5044	6928	4747	5664	7622	8389	9690	8832	9336	8805	5878
57	1985 Regional Report Surplus Deficit	4863	4154	5792	5216	4584	3533	3511	4561	6142	8120	8181	9372	6553	1241
58	1986 Regional Report Surplus Deficit	1204	-151	4274	6017	5825	3001	4998	7381	10029	8757	8621	8733	7841	4341

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	3292	1566	4542	4147	3715	3751	3218	3227	6015	4822	6017	8479	5878	2789
60	1988 Regional Report Surplus Deficit	1281	-228	3753	3701	2845	1053	338	770	3725	3893	6219	7663	4628	3992
61	1989 Regional Report Surplus Deficit	2614	726	3733	3759	2997	3023	1460	1681	6003	8286	8864	8996	6705	2359
62	1990 Regional Report Surplus Deficit	1927	990	4267	3886	4360	3647	4593	6577	7613	7183	9527	8737	7977	4578
63	1991 Regional Report Surplus Deficit	4082	3427	4577	3540	6107	4983	5582	7712	7681	8213	7045	8887	7739	5455
64	1992 Regional Report Surplus Deficit	4363	4527	4761	3611	3589	1945	2385	3131	5509	3437	4664	6832	2829	1839
65	1993 Regional Report Surplus Deficit	910	-567	2930	3852	3123	1950	-401	461	5092	4566	6068	8663	7389	4153
66	1994 Regional Report Surplus Deficit	3199	1919	3948	3685	3879	1764	531	1969	3650	3012	5940	8069	5832	3590
67	1995 Regional Report Surplus Deficit	2065	209	3866	3517	2828	2186	2167	5926	8194	6095	5617	8739	8202	4848
68	1996 Regional Report Surplus Deficit	3456	2548	5132	6228	7510	6857	7479	9407	10088	9347	9960	9602	8326	5939
69	1997 Regional Report Surplus Deficit	4697	4731	4923	4502	4163	4706	7451	8684	10055	8974	9584	9245	8427	6177
70	1998 Regional Report Surplus Deficit	5076	5174	7803	8496	5911	4515	4290	5350	6387	5911	6947	9748	8609	5203
71	1999 Regional Report Surplus Deficit	4265	2996	4872	4435	3190	4160	6706	8593	9326	8022	8330	9192	8790	6246
72	2000 Regional Report Surplus Deficit	5251	5475	6668	4983	6724	5492	4977	6110	7561	9356	9393	8671	7201	4843
73	2001 Regional Report Surplus Deficit	4145	1282	4565	4475	3592	1539	997	2261	4042	2326	5183	6207	-1022	1688
74	2002 Regional Report Surplus Deficit	665	-781	2110	2603	2773	2145	1353	3109	4679	7280	8706	8169	8032	5581
75	2003 Regional Report Surplus Deficit	4109	2667	4489	3070	3611	1614	1215	2364	7089	7221	6991	8333	8060	2492
76	2004 Regional Report Surplus Deficit	1124	-90.4	3600	4126	3435	3655	2095	1886	5809	5909	6118	8479	6734	3044
77	2005 Regional Report Surplus Deficit	1685	888	5888	4565	3606	3595	3426	4572	5041	3642	5870	8800	7088	3481
78	2006 Regional Report Surplus Deficit	2957	915	4012	3649	3489	2926	4492	7546	7565	9479	9230	9719	8273	4401
79	2007 Regional Report Surplus Deficit	3018	1488	4106	3391	4251	2964	4756	4680	8809	7964	7282	8802	6513	4909
80	2008 Regional Report Surplus Deficit	3084	896	3415	4006	3178	2297	2242	3256	5281	5963	4403	9267	8788	5423

Ranked Averages

81	**Bottom 10 pct**	**1042**	**-582**	**3269**	**3840**	**3324**	**2261**	**1435**	**2738**	**5826**	**6279**	**6892**	**8676**	**7172**	**4151**
82	**Middle 80 pct**	**3507**	**2571**	**4824**	**4667**	**4160**	**3589**	**4239**	**5607**	**6947**	**7047**	**7343**	**8775**	**7137**	**4465**
83	**Top 10 pct**	**5071**	**5176**	**7605**	**5627**	**4816**	**3775**	**4373**	**5541**	**6650**	**6003**	**6659**	**8327**	**6736**	**5085**

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
1	1929 Regional Report Surplus Deficit	3436	3106	4398	4323	3343	1063	695	1955	3187	2774	4476	7123	6554	960
2	1930 Regional Report Surplus Deficit	1905	953	4232	3727	3036	953	-502	2166	3253	3464	5113	6345	2884	3234
3	1931 Regional Report Surplus Deficit	2184	855	3658	3366	3210	804	-1321	-9.40	2840	4320	2604	7512	3609	2465
4	1932 Regional Report Surplus Deficit	796	-1106	3773	3201	2348	815	-1567	135	6414	8789	8344	9511	8794	3776
5	1933 Regional Report Surplus Deficit	3356	3010	4884	4240	2653	2930	3381	6288	6523	7094	5890	8409	9174	5400
6	1934 Regional Report Surplus Deficit	3998	4451	5001	5474	6744	6437	6869	8324	8278	9382	8082	8532	6547	3229
7	1935 Regional Report Surplus Deficit	1743	775	3302	3931	2363	2474	3691	5703	6719	5916	5248	8363	7108	4435
8	1936 Regional Report Surplus Deficit	3883	2377	3893	3397	2941	813	-97.8	1011	3815	5024	8173	9943	8504	3141
9	1937 Regional Report Surplus Deficit	2465	977	3802	3309	3173	791	-464	140	2879	3187	2165	7451	5173	2405
10	1938 Regional Report Surplus Deficit	2534	892	3743	3618	2516	3110	3558	4990	6521	8632	8663	9203	8419	4235
11	1939 Regional Report Surplus Deficit	2885	1470	4579	4340	2986	1167	2236	3213	4857	6786	6497	9190	4933	2708
12	1940 Regional Report Surplus Deficit	1453	295	3840	3872	3362	2766	2005	2078	7746	7189	5673	8707	5504	2540
13	1941 Regional Report Surplus Deficit	1556	-206	3423	3776	2489	2509	430	1983	3663	3404	3548	7125	4558	2622
14	1942 Regional Report Surplus Deficit	1447	-74.0	3495	3957	3843	3206	3104	4097	5336	4857	6070	7892	7581	4742
15	1943 Regional Report Surplus Deficit	3273	2186	5381	4340	2392	2363	4193	6688	7295	10044	9159	9130	9077	4232
16	1944 Regional Report Surplus Deficit	3523	2721	4399	3339	3089	1137	844	2002	3235	2390	4591	4939	1976	1119
17	1945 Regional Report Surplus Deficit	508	-1504	2455	2994	2598	88.7	-665	1523	3283	2531	1945	8807	8238	1857
18	1946 Regional Report Surplus Deficit	2798	1602	4102	3520	2897	2975	3244	4846	6760	8711	8774	9243	8590	4714
19	1947 Regional Report Surplus Deficit	4048	3333	4966	3828	3441	5913	5623	7525	8089	7713	6601	9186	8568	4703
20	1948 Regional Report Surplus Deficit	3275	1710	4680	7565	5461	4269	5761	6387	6468	7737	8310	9725	8698	5263
21	1949 Regional Report Surplus Deficit	4222	4715	6531	4423	3287	2270	3616	3669	7751	8622	8445	9578	8505	1909
22	1950 Regional Report Surplus Deficit	1864	605	3552	3516	3049	2409	5820	7364	8285	9404	7791	8745	8757	5099
23	1951 Regional Report Surplus Deficit	4406	4585	5283	5623	6083	6171	6762	8903	8829	9472	8266	9162	8176	5092
24	1952 Regional Report Surplus Deficit	4199	4312	5182	7065	4605	4312	5237	7185	6952	9506	9067	9681	8942	4367
25	1953 Regional Report Surplus Deficit	3088	1930	3886	3218	2621	920	3115	4880	6351	6199	6002	9187	9278	5149
26	1954 Regional Report Surplus Deficit	3429	2973	4978	4183	3630	3535	5196	7083	7545	8119	7038	9113	8587	5702
27	1955 Regional Report Surplus Deficit	4686	4942	8579	4500	4688	2870	2154	2756	3705	4948	5257	8254	9122	5857
28	1956 Regional Report Surplus Deficit	4145	3961	4599	4743	5335	5949	6729	8241	8294	9216	8617	9361	9380	5367
29	1957 Regional Report Surplus Deficit	4368	4547	5046	4721	3271	3768	3639	4388	6662	9761	6817	9968	9138	4388
30	1958 Regional Report Surplus Deficit	3679	2765	4499	4098	3346	2028	4168	5093	6970	7921	7794	9648	8902	3823
31	1959 Regional Report Surplus Deficit	2458	2199	4391	4373	4023	5310	6506	7937	7620	8863	6873	8648	8775	4483
32	1960 Regional Report Surplus Deficit	4437	4598	8976	8911	6887	5082	4815	5264	6680	10168	8102	8764	8427	4217
33	1961 Regional Report Surplus Deficit	3584	1952	4221	4260	3216	2601	4603	5602	7725	8323	5697	8823	8527	3976
34	1962 Regional Report Surplus Deficit	3429	2463	4125	3416	3212	1754	3665	5261	4476	9779	8509	9157	8647	2283
35	1963 Regional Report Surplus Deficit	3197	1931	4081	4521	4362	4887	4491	6076	6417	6013	5648	9146	7957	4313
36	1964 Regional Report Surplus Deficit	3319	2180	5014	3881	2850	2558	2578	3312	4574	8611	5619	8793	9326	5690
37	1965 Regional Report Surplus Deficit	4220	4539	6134	5444	4231	5931	6732	8586	8415	7437	8647	9122	8214	4799
38	1966 Regional Report Surplus Deficit	4470	4765	4544	4673	3806	3026	3564	4355	4763	9493	6760	8139	7348	4288
39	1967 Regional Report Surplus Deficit	3489	2006	4473	3322	2909	2968	5796	7419	7897	6652	2885	8578	8816	5120
40	1968 Regional Report Surplus Deficit	4132	3741	4929	4365	3943	3094	4897	6315	7845	5535	4362	7496	8405	4598
41	1969 Regional Report Surplus Deficit	3928	3736	6721	5756	5478	4323	6240	8025	7431	9250	8358	9636	8725	4736
42	1970 Regional Report Surplus Deficit	3988	2955	4691	4287	3591	1846	3681	5954	6477	7241	4086	8944	8913	3959
43	1971 Regional Report Surplus Deficit	2297	1315	4360	3396	3257	2220	6278	8389	8781	9122	8010	9498	9295	5791
44	1972 Regional Report Surplus Deficit	4865	4787	6114	4914	3666	3491	6581	8096	9509	9884	7655	9470	9015	5572
45	1973 Regional Report Surplus Deficit	4688	4786	6904	4778	3689	3063	3995	3991	3739	1958	3768	7139	5252	2576
46	1974 Regional Report Surplus Deficit	2003	12.4	3663	3571	2584	4578	6935	8332	9101	9455	8430	8804	8867	6039
47	1975 Regional Report Surplus Deficit	4668	4772	6540	3870	3414	2336	3470	5857	7272	6086	5702	9132	9173	6190
48	1976 Regional Report Surplus Deficit	4350	4237	5868	6101	5983	6667	6376	8096	8333	9553	8238	9440	8706	5428
49	1977 Regional Report Surplus Deficit	4830	5135	9366	4848	3482	1080	551	2309	3586	2126	3957	4965	571	1802
50	1978 Regional Report Surplus Deficit	775	-935	2575	2865	2244	3871	3839	5431	6266	9110	7007	9202	7308	4809
51	1979 Regional Report Surplus Deficit	3152	1993	5895	4832	3521	1916	2737	2782	6253	5678	5988	9578	6043	1672
52	1980 Regional Report Surplus Deficit	1059	418	4143	4009	3022	831	2241	3215	3911	7401	7448	10008	8489	3099
53	1981 Regional Report Surplus Deficit	2222	686	4552	4199	3193	5329	5386	6819	6691	3876	6087	8851	8871	4693
54	1982 Regional Report Surplus Deficit	3819	4295	5601	4294	3772	3766	5447	8466	9272	9119	7341	9053	8941	5330
55	1983 Regional Report Surplus Deficit	4548	4752	7525	5912	4102	4260	5986	7423	8778	8949	6502	9104	8562	5364
56	1984 Regional Report Surplus Deficit	4207	4877	6083	4589	6460	4222	5165	7216	7944	9895	8130	9261	9343	5340
57	1985 Regional Report Surplus Deficit	4539	3877	5580	4761	4108	3014	3020	4158	5700	8318	7498	9287	7094	682
58	1986 Regional Report Surplus Deficit	843	-389	4056	5568	5343	2484	4501	6976	9565	8957	7929	8712	8364	3805

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	2956	1285	4330	3695	3247	3231	2728	2825	5574	5024	5339	8472	6420	2237
60	1988 Regional Report Surplus Deficit	920	-477	3532	3247	2373	566	-155	368	3292	4095	5542	7725	5247	3453
61	1989 Regional Report Surplus Deficit	2268	454	3511	3306	2533	2506	970	1279	5561	8484	8154	8951	7246	1801
62	1990 Regional Report Surplus Deficit	1573	718	4051	3432	3881	3125	4098	6172	7168	7383	8809	8701	8501	4041
63	1991 Regional Report Surplus Deficit	3756	3145	4365	3090	5631	4457	5080	7302	7234	8409	6366	8825	8261	4917
64	1992 Regional Report Surplus Deficit	4039	4264	4549	3159	3118	1441	1895	2727	5066	3637	3976	6902	3490	1285
65	1993 Regional Report Surplus Deficit	550	-820	2702	3397	2652	1442	-897	56.9	4653	4768	5390	8626	7916	3612
66	1994 Regional Report Surplus Deficit	2859	1634	3732	3232	3401	1257	39.0	1565	3216	3211	5259	8068	6381	3046
67	1995 Regional Report Surplus Deficit	1715	-55.6	3651	3064	2364	1677	1677	5520	7749	6296	4937	8752	8729	4316
68	1996 Regional Report Surplus Deficit	3119	2261	4921	5783	7081	6339	6966	8990	9626	9549	9236	9507	8858	5401
69	1997 Regional Report Surplus Deficit	4372	4470	4710	4048	3688	4181	6938	8262	9596	9174	8862	9145	8965	5639
70	1998 Regional Report Surplus Deficit	4750	4912	7572	8057	5430	3990	3797	4947	5946	6113	6272	9635	9139	4688
71	1999 Regional Report Surplus Deficit	3940	2710	4661	3982	2726	3638	6199	8182	8876	8220	7646	9126	9327	5708
72	2000 Regional Report Surplus Deficit	4925	5211	6449	4528	6259	4967	4481	5704	7117	9556	8678	8658	7733	4310
73	2001 Regional Report Surplus Deficit	3817	1017	4352	4021	3120	1040	507	1858	3607	2526	4500	6293	-83.1	1137
74	2002 Regional Report Surplus Deficit	307	-1035	1860	2152	2310	1637	863	2707	4241	7479	8013	8184	8561	5045
75	2003 Regional Report Surplus Deficit	3780	2380	4277	2620	3134	1112	725	1962	6645	7420	6315	8333	8586	1937
76	2004 Regional Report Surplus Deficit	763	-335	3376	3671	2961	3132	1605	1484	5368	6110	5441	8482	7267	2494
77	2005 Regional Report Surplus Deficit	1326	618	5671	4110	3133	3072	2934	4169	4601	3844	5193	8759	7616	2936
78	2006 Regional Report Surplus Deficit	2614	643	3798	3195	3017	2410	3998	7139	7120	9681	8512	9602	8799	3869
79	2007 Regional Report Surplus Deficit	2676	1206	3888	2940	3773	2447	4259	4277	8362	8162	6605	8769	7052	4376
80	2008 Regional Report Surplus Deficit	2737	632	3185	3552	2707	1785	1752	2853	4841	6164	3708	9166	9326	4890

Ranked Averages

81	**Bottom 10 pct**	**683**	**-825**	**3041**	**3387**	**2854**	**1754**	**941**	**2335**	**5385**	**6480**	**6201**	**8656**	**7712**	**3606**
82	**Middle 80 pct**	**3172**	**2297**	**4610**	**4214**	**3690**	**3073**	**3741**	**5201**	**6504**	**7247**	**6650**	**8732**	**7693**	**3924**
83	**Top 10 pct**	**4745**	**4912**	**7381**	**5176**	**4341**	**3257**	**3877**	**5135**	**6206**	**6202**	**5974**	**8295**	**7321**	**4545**

Regional Report Surplus Deficit By Water Year

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	2783	2497	4009	4195	3176	219	-755	479	1863	1928	4175	5869	4000	-493
2	1930 Regional Report Surplus Deficit	1302	377	3840	3600	2865	109	-1891	689	1935	2615	4813	5090	286	1788
3	1931 Regional Report Surplus Deficit	1559	280	3268	3239	3031	-16.7	-2656	-1498	1512	3470	2312	6259	1032	1020
4	1932 Regional Report Surplus Deficit	236	-1666	3385	3074	2198	-29.2	-2880	-1354	5188	7936	8047	8231	6269	2329
5	1933 Regional Report Surplus Deficit	2693	2392	4488	4113	2519	2185	1857	4808	5296	6247	5591	7155	6656	3945
6	1934 Regional Report Surplus Deficit	3329	3821	4605	5349	6603	5616	5381	6842	7003	8506	7784	7273	4008	1782
7	1935 Regional Report Surplus Deficit	1153	200	2914	3804	2245	1715	2164	4226	5488	5067	4948	7110	4562	2981
8	1936 Regional Report Surplus Deficit	3213	1783	3505	3269	2775	-25.4	-1498	-470	2520	4174	7879	8662	5973	1696
9	1937 Regional Report Surplus Deficit	1832	404	3414	3181	2995	-35.9	-1870	-1346	1551	2339	1873	6197	2601	960
10	1938 Regional Report Surplus Deficit	1915	321	3356	3491	2378	2366	2033	3515	5294	7781	8365	7941	5889	2784
11	1939 Regional Report Surplus Deficit	2257	893	4184	4213	2825	308	742	1739	3591	5938	6201	7934	2366	1264
12	1940 Regional Report Surplus Deficit	859	-276	3451	3746	3182	2022	504	600	6505	6341	5374	7454	2943	1096
13	1941 Regional Report Surplus Deficit	959	-773	3038	3649	2327	1757	-997	507	2370	2554	3247	5872	1995	1175
14	1942 Regional Report Surplus Deficit	829	-646	3108	3830	3659	2464	1584	2623	4098	4007	5773	6639	5044	3286
15	1943 Regional Report Surplus Deficit	2608	1590	4981	4213	2274	1591	2665	5209	6060	9168	8844	7865	6556	2782
16	1944 Regional Report Surplus Deficit	2862	2121	4011	3210	2924	283	-612	526	1907	1543	4290	3685	-622	-326
17	1945 Regional Report Surplus Deficit	-91.3	-2067	2074	2867	2429	-809	-2014	42.5	1955	1686	1653	7554	5707	409
18	1946 Regional Report Surplus Deficit	2160	1021	3716	3392	2746	2227	1725	3371	5534	7858	8470	7978	6060	3260
19	1947 Regional Report Surplus Deficit	3375	2720	4572	3699	3272	5129	4108	6042	6824	6866	6304	7923	6042	3248
20	1948 Regional Report Surplus Deficit	2607	1121	4288	7442	5281	3527	4249	4909	5242	6889	8014	8431	6180	3807
21	1949 Regional Report Surplus Deficit	3558	4088	6127	4296	3124	1503	2089	2196	6503	7772	8151	8306	5976	462
22	1950 Regional Report Surplus Deficit	1286	38.1	3169	3388	2890	1649	4307	5882	7028	8543	7498	7483	6232	3643
23	1951 Regional Report Surplus Deficit	3743	3954	4886	5498	5911	5383	5268	7422	7535	8613	7970	7898	5642	3636
24	1952 Regional Report Surplus Deficit	3531	3682	4787	6942	4418	3569	3716	5704	5724	8646	8762	8392	6417	2915
25	1953 Regional Report Surplus Deficit	2427	1343	3503	3089	2466	87.7	1600	3407	5124	5351	5703	7929	6760	3692
26	1954 Regional Report Surplus Deficit	2768	2369	4585	4056	3456	2795	3673	5603	6302	7271	6743	7849	6060	4250
27	1955 Regional Report Surplus Deficit	4032	4323	8187	4373	4501	2124	660	1282	2425	4098	4957	7000	6601	4407
28	1956 Regional Report Surplus Deficit	3478	3335	4210	4617	5152	5164	5236	6756	7019	8357	8313	8085	6861	3911
29	1957 Regional Report Surplus Deficit	3703	3916	4654	4595	3110	3029	2112	2915	5435	8897	6521	8669	6622	2934
30	1958 Regional Report Surplus Deficit	3018	2166	4108	3971	3175	1231	2641	3620	5739	7073	7501	8363	6378	2375
31	1959 Regional Report Surplus Deficit	1829	1609	4001	4247	3840	4546	5005	6452	6373	8011	6577	7392	6252	3030
32	1960 Regional Report Surplus Deficit	3779	3971	8597	8787	6748	4317	3292	3788	5454	9283	7807	7510	5897	2764
33	1961 Regional Report Surplus Deficit	2920	1368	3832	4133	3052	1847	3078	4127	6478	7474	5399	7562	6005	2524
34	1962 Regional Report Surplus Deficit	2769	1861	3737	3288	3044	961	2139	3786	4431	7929	8208	7896	6121	838
35	1963 Regional Report Surplus Deficit	2547	1345	3692	4396	4175	4133	2965	4599	5190	5163	5348	7893	5422	2860
36	1964 Regional Report Surplus Deficit	2658	1586	4617	3753	2702	1799	1072	1839	3308	7760	5319	7534	6807	4237
37	1965 Regional Report Surplus Deficit	3554	3910	5731	5319	4046	5140	5244	7104	7128	6589	8343	7852	5684	3343
38	1966 Regional Report Surplus Deficit	3809	4138	4152	4546	3624	2282	2039	2882	4187	8156	6464	6887	4809	2834
39	1967 Regional Report Surplus Deficit	2822	1420	4082	3194	2753	2220	4283	5936	6637	5804	2589	7323	6294	3664
40	1968 Regional Report Surplus Deficit	3464	3117	4533	4238	3762	2349	3370	4838	6594	4685	4061	6243	5878	3142
41	1969 Regional Report Surplus Deficit	3259	3112	6313	5632	5298	3581	4739	6542	6186	8389	8060	8355	6196	3281
42	1970 Regional Report Surplus Deficit	3318	2348	4297	4159	3416	1043	2158	4477	5251	6393	3786	7690	6390	2511
43	1971 Regional Report Surplus Deficit	1688	738	3968	3268	3097	1439	4775	6909	7488	8264	7715	8216	6776	4338
44	1972 Regional Report Surplus Deficit	4208	4157	5711	4787	3497	2750	5087	6629	8222	9011	7362	8190	6496	4118
45	1973 Regional Report Surplus Deficit	4033	4161	6498	4652	3516	2312	2469	2518	2436	1115	3468	5885	2686	1132
46	1974 Regional Report Surplus Deficit	1388	-555	3277	3444	2461	3833	5447	6856	7799	8588	8127	7529	6345	4590
47	1975 Regional Report Surplus Deficit	4011	4145	6136	3741	3246	1557	1949	4381	6040	5238	5403	7873	6654	4746
48	1976 Regional Report Surplus Deficit	3685	3609	5466	5976	5811	5850	4870	6612	7055	8685	7940	8164	6178	3973
49	1977 Regional Report Surplus Deficit	4173	4517	8991	4721	3310	243	-906	834	2286	1283	3656	3705	-2048	357
50	1978 Regional Report Surplus Deficit	206	-1494	2197	2736	2120	3132	2313	3956	5039	8248	6712	7942	4768	3354
51	1979 Regional Report Surplus Deficit	2506	1406	5490	4706	3347	1126	1219	1307	5023	4829	5689	8315	3485	225
52	1980 Regional Report Surplus Deficit	486	-150	3755	3882	2852	-71.4	745	1742	2609	6554	7154	8719	5962	1655
53	1981 Regional Report Surplus Deficit	1590	113	4157	4072	3025	4564	3868	5339	5464	3027	5790	7596	6352	3237
54	1982 Regional Report Surplus Deficit	3152	3664	5201	4166	3592	3028	3928	6981	7967	8263	7048	7779	6418	3874
55	1983 Regional Report Surplus Deficit	3887	4124	7117	5788	3920	3520	4473	5942	7492	8098	6206	7839	6033	3909
56	1984 Regional Report Surplus Deficit	3546	4250	5682	4462	6296	3482	3640	5736	6700	9022	7832	7998	6823	3884
57	1985 Regional Report Surplus Deficit	3874	3261	5182	4634	3929	2265	1502	2685	4468	7470	7205	8021	4549	-773
58	1986 Regional Report Surplus Deficit	283	-950	3671	5443	5160	1728	2974	5496	8261	8099	7635	7458	5836	2356

Regional Report Surplus Deficit By Water Year

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	2305	705	3940	3567	3089	2486	1219	1351	4336	4174	5039	7219	3875	792
60	1988 Regional Report Surplus Deficit	352	-1040	3148	3119	2203	-331	-1550	-1118	1980	3246	5242	6471	2681	2005
61	1989 Regional Report Surplus Deficit	1645	-118	3126	3178	2392	1751	-484	-202	4322	7636	7858	7694	4702	354
62	1990 Regional Report Surplus Deficit	980	149	3665	3305	3697	2384	2570	4693	5933	6535	8504	7446	5972	2591
63	1991 Regional Report Surplus Deficit	3089	2535	3976	2961	5457	3708	3559	5820	5991	7559	6070	7565	5732	3461
64	1992 Regional Report Surplus Deficit	3373	3636	4159	3031	2952	625	400	1253	3825	2788	3676	5648	914	-160
65	1993 Regional Report Surplus Deficit	-21.9	-1385	2319	3270	2485	645	-2247	-1430	3395	3918	5090	7370	5380	2166
66	1994 Regional Report Surplus Deficit	2218	1048	3344	3104	3219	454	-1365	88.4	1890	2363	4959	6815	3834	1601
67	1995 Regional Report Surplus Deficit	1110	-622	3264	2936	2225	885	200	4045	6502	5448	4637	7500	6203	2865
68	1996 Regional Report Surplus Deficit	2473	1670	4527	5659	6950	5537	5478	7509	8322	8690	8926	8234	6336	3947
69	1997 Regional Report Surplus Deficit	3711	3841	4321	3921	3513	3442	5449	6786	8294	8312	8552	7870	6446	4187
70	1998 Regional Report Surplus Deficit	4094	4286	7167	7934	5248	3252	2273	3473	4712	5264	5974	8348	6618	3234
71	1999 Regional Report Surplus Deficit	3275	2110	4270	3854	2590	2898	4693	6698	7581	7370	7353	7863	6808	4254
72	2000 Regional Report Surplus Deficit	4269	4588	6045	4401	6099	4213	2953	4228	5887	8697	8377	7405	5193	2857
73	2001 Regional Report Surplus Deficit	3152	450	3964	3894	2952	197	-950	382	2307	1680	4199	5039	-2714	-308
74	2002 Regional Report Surplus Deficit	-273	-1598	1491	2023	2173	840	-583	1233	2967	6632	7719	6931	6036	3588
75	2003 Regional Report Surplus Deficit	3116	1789	3888	2489	2953	285	-718	486	5419	6573	6018	7080	6058	492
76	2004 Regional Report Surplus Deficit	203	-898	2991	3544	2786	2392	123	4.02	4130	5262	5142	7230	4727	1049
77	2005 Regional Report Surplus Deficit	750	48.3	5268	3983	2961	2332	1411	2696	3704	2172	4893	7504	5077	1492
78	2006 Regional Report Surplus Deficit	1985	72.1	3410	3068	2847	1650	2471	5658	5885	8808	8209	8309	6272	2421
79	2007 Regional Report Surplus Deficit	2044	628	3503	2811	3589	1688	2731	2804	7100	7313	6309	7514	4508	2924
80	2008 Regional Report Surplus Deficit	2120	66.2	2805	3425	2540	1006	262	1380	3588	5316	3409	7889	6808	3435

Ranked Averages

81	**Bottom 10 pct**	**112**	**-1387**	**2659**	**3260**	**2694**	**946**	**-483**	**854**	**4114**	**5628**	**5905**	**7399**	**5175**	**2157**
82	**Middle 80 pct**	**2528**	**1701**	**4218**	**4087**	**3525**	**2296**	**2245**	**3723**	**5278**	**6358**	**6351**	**7468**	**5156**	**2473**
83	**Top 10 pct**	**4088**	**4288**	**6982**	**5050**	**4167**	**2496**	**2370**	**3661**	**4938**	**5351**	**5675**	**7031**	**4779**	**3095**

Regional Report Surplus Deficit By Water Year

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	1387	1093	2653	2506	1551	-780	-1246	61.7	1492	381	2597	7210	4829	-987
2	1930 Regional Report Surplus Deficit	-119	-1022	2485	1911	1244	-890	-2443	272	1558	1071	3235	6431	1159	1286
3	1931 Regional Report Surplus Deficit	151	-1119	1910	1550	1418	-1039	-3262	-1903	1145	1927	726	7598	1885	518
4	1932 Regional Report Surplus Deficit	-1215	-3041	2027	1385	556	-1028	-3508	-1758	4719	6396	6466	9597	7070	1829
5	1933 Regional Report Surplus Deficit	1298	989	3135	2423	861	1087	1440	4395	4828	4701	4012	8496	7450	3453
6	1934 Regional Report Surplus Deficit	1928	2423	3252	3657	4952	4594	4928	6431	6583	6989	6203	8618	4823	1282
7	1935 Regional Report Surplus Deficit	-277	-1198	1553	2114	571	631	1750	3809	5024	3523	3370	8449	5384	2487
8	1936 Regional Report Surplus Deficit	1813	378	2144	1580	1149	-1030	-2039	-882	2120	2631	6295	10029	6780	1194
9	1937 Regional Report Surplus Deficit	428	-992	2052	1492	1381	-1052	-2406	-1753	1184	794	286	7537	3449	458
10	1938 Regional Report Surplus Deficit	503	-1074	1992	1802	724	1268	1617	3097	4826	6239	6784	9290	6695	2288
11	1939 Regional Report Surplus Deficit	850	-507	2831	2524	1194	-676	295	1320	3162	4393	4619	9276	3209	761
12	1940 Regional Report Surplus Deficit	-568	-1671	2092	2055	1570	923	64.4	185	6051	4796	3795	8793	3779	593
13	1941 Regional Report Surplus Deficit	-466	-2163	1675	1959	697	666	-1511	90.0	1968	1011	1670	7211	2834	674
14	1942 Regional Report Surplus Deficit	-583	-2043	1749	2140	2051	1364	1163	2204	3640	2464	4192	7978	5857	2795
15	1943 Regional Report Surplus Deficit	1212	185	3624	2524	600	520	2251	4795	5600	7651	7281	9216	7353	2285
16	1944 Regional Report Surplus Deficit	1467	716	2654	1522	1297	-706	-1097	109	1540	-2.86	2713	5025	252	-828
17	1945 Regional Report Surplus Deficit	-1515	-3451	699	1177	806	-1754	-2606	-370	1588	138	66.8	8893	6514	-90.7
18	1946 Regional Report Surplus Deficit	758	-380	2355	1703	1105	1132	1303	2953	5065	6317	6896	9329	6866	2767
19	1947 Regional Report Surplus Deficit	1975	1316	3219	2012	1649	4070	3682	5631	6393	5320	4722	9272	6844	2756
20	1948 Regional Report Surplus Deficit	1211	-284	2935	5749	3669	2426	3820	4494	4773	5344	6431	9812	6974	3316
21	1949 Regional Report Surplus Deficit	2153	2690	4761	2607	1495	427	1675	1776	6056	6229	6567	9664	6781	-38.6
22	1950 Regional Report Surplus Deficit	-152	-1351	1800	1700	1257	566	3879	5471	6590	7011	5913	8831	7033	3151
23	1951 Regional Report Surplus Deficit	2338	2557	3533	3807	4291	4328	4821	7010	7134	7079	6388	9248	6451	3145
24	1952 Regional Report Surplus Deficit	2128	2284	3434	5249	2813	2469	3295	5292	5257	7113	7189	9767	7218	2420
25	1953 Regional Report Surplus Deficit	1032	-61.1	2137	1401	829	-922	1174	2987	4655	3806	4124	9274	7553	3201
26	1954 Regional Report Surplus Deficit	1373	964	3232	2367	1838	1692	3255	5190	5849	5726	5160	9199	6863	3754
27	1955 Regional Report Surplus Deficit	2629	2922	6805	2683	2896	1027	213	863	2010	2555	3379	8340	7398	3909
28	1956 Regional Report Surplus Deficit	2075	1935	2854	2927	3543	4106	4788	6347	6599	6823	6739	9448	7656	3420
29	1957 Regional Report Surplus Deficit	2298	2518	3301	2905	1479	1925	1698	2495	4966	7368	4939	10054	7414	2441
30	1958 Regional Report Surplus Deficit	1623	761	2754	2282	1554	185	2227	3200	5275	5527	5915	9734	7177	1876
31	1959 Regional Report Surplus Deficit	423	205	2646	2557	2231	3467	4565	6043	5925	6469	4994	8734	7051	2535
32	1960 Regional Report Surplus Deficit	2374	2573	7225	7094	5095	3240	2874	3370	4985	7775	6223	8850	6703	2270
33	1961 Regional Report Surplus Deficit	1524	-35.3	2476	2443	1424	758	2662	3709	6029	5930	3819	8909	6803	2029
34	1962 Regional Report Surplus Deficit	1374	456	2380	1599	1420	-88.5	1724	3368	2781	7386	6631	9243	6923	336
35	1963 Regional Report Surplus Deficit	1149	-58.1	2333	2705	2570	3044	2550	4182	4722	3619	3769	9232	6233	2366
36	1964 Regional Report Surplus Deficit	1263	181	3264	2065	1058	715	637	1419	2879	6218	3741	8879	7602	3743
37	1965 Regional Report Surplus Deficit	2150	2512	4371	3627	2439	4088	4791	6693	6720	5044	6769	9208	6490	2852
38	1966 Regional Report Surplus Deficit	2404	2739	2797	2856	2014	1183	1622	2462	3068	7100	4881	8225	5624	2340
39	1967 Regional Report Surplus Deficit	1424	16.5	2728	1506	1117	1126	3855	5525	6202	4259	1007	8664	7092	3172
40	1968 Regional Report Surplus Deficit	2061	1716	3180	2549	2151	1251	2956	4422	6150	3142	2483	7582	6681	2650
41	1969 Regional Report Surplus Deficit	1857	1711	4940	3940	3686	2480	4299	6132	5736	6857	6480	9722	7001	2788
42	1970 Regional Report Surplus Deficit	1918	943	2943	2470	1799	3.40	1740	4061	4782	4848	2207	9030	7188	2012
43	1971 Regional Report Surplus Deficit	270	-661	2612	1579	1465	377	4337	6496	7086	6729	6131	9584	7571	3844
44	1972 Regional Report Surplus Deficit	2804	2759	4353	3097	1874	1648	4640	6217	7830	7491	5777	9556	7291	3625
45	1973 Regional Report Surplus Deficit	2631	2762	5129	2962	1897	1220	2054	2098	2044	-436	1890	7225	3527	629
46	1974 Regional Report Surplus Deficit	-26.1	-1946	1916	1755	792	2735	4994	6439	7406	7062	6551	8890	7143	4092
47	1975 Regional Report Surplus Deficit	2607	2747	4770	2053	1622	493	1529	3964	5577	3693	3823	9219	7449	4243
48	1976 Regional Report Surplus Deficit	2281	2210	4110	4284	4191	4824	4435	6203	6637	7160	6360	9526	6982	3481
49	1977 Regional Report Surplus Deficit	2769	3115	7624	3031	1690	-763	-1391	416	1891	-267	2078	5051	-1153	-146
50	1978 Regional Report Surplus Deficit	-1237	-2872	807	1048	452	2028	1898	3538	4570	6717	5128	9288	5584	2862
51	1979 Regional Report Surplus Deficit	1107	2.46	4128	3016	1729	73.1	796	889	4557	3285	4109	9664	4319	-275
52	1980 Regional Report Surplus Deficit	-955	-1542	2398	2193	1230	-1012	300	1322	2216	5008	5570	10095	6764	1152
53	1981 Regional Report Surplus Deficit	185	-1284	2804	2383	1401	3486	3445	4925	4996	1483	4209	8937	7147	2746
54	1982 Regional Report Surplus Deficit	1749	2267	3845	2478	1980	1923	3506	6572	7577	6725	5463	9139	7217	3383
55	1983 Regional Report Surplus Deficit	2483	2726	5739	4096	2310	2417	4045	5530	7083	6556	4623	9190	6838	3417
56	1984 Regional Report Surplus Deficit	2141	2851	4324	2773	4668	2379	3224	5323	6249	7502	6252	9347	7619	3393
57	1985 Regional Report Surplus Deficit	2469	1858	3828	2945	2316	1171	1078	2265	4005	5925	5619	9373	5370	-1265
58	1986 Regional Report Surplus Deficit	-1175	-2330	2309	3751	3551	641	2560	5083	7870	6564	6051	8798	6640	1857

Regional Report Surplus Deficit By Water Year

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	908	-695	2585	1879	1455	1388	787	932	3879	2631	3461	8558	4696	290
60	1988 Regional Report Surplus Deficit	-1093	-2425	1781	1430	581	-1277	-2096	-1526	1596	1702	3664	7811	3523	1505
61	1989 Regional Report Surplus Deficit	236	-1514	1758	1489	741	663	-971	-614	3866	6091	6276	9037	5521	-146
62	1990 Regional Report Surplus Deficit	-446	-1247	2305	1616	2089	1282	2157	4279	5473	4989	6931	8787	6777	2094
63	1991 Regional Report Surplus Deficit	1691	1131	2620	1273	3839	2614	3139	5409	5539	6016	4487	8911	6537	2970
64	1992 Regional Report Surplus Deficit	1970	2238	2804	1343	1326	-402	-46.2	834	3371	1244	2098	6988	1766	-662
65	1993 Regional Report Surplus Deficit	-1464	-2772	942	1581	860	-401	-2838	-1836	2958	2375	3511	8712	6191	1665
66	1994 Regional Report Surplus Deficit	818	-355	1984	1416	1609	-586	-1902	-328	1521	818	3381	8154	4657	1098
67	1995 Regional Report Surplus Deficit	-308	-2015	1906	1247	572	-166	-264	3627	6054	3903	3059	8839	7005	2369
68	1996 Regional Report Surplus Deficit	1074	266	3174	3967	5289	4496	5025	7097	7931	7155	7358	9593	7134	3454
69	1997 Regional Report Surplus Deficit	2307	2444	2965	2232	1896	2338	4997	6369	7901	6781	6983	9232	7241	3692
70	1998 Regional Report Surplus Deficit	2690	2888	5789	6240	3638	2148	1856	3053	4250	3720	4393	9721	7415	2740
71	1999 Regional Report Surplus Deficit	1872	705	2916	2165	934	1795	4258	6289	7181	5827	5768	9212	7603	3761
72	2000 Regional Report Surplus Deficit	2864	3189	4682	2712	4467	3124	2540	3811	5422	7163	6800	8745	6008	2362
73	2001 Regional Report Surplus Deficit	1756	-943	2607	2205	1328	-803	-1434	-34.8	1912	133	2621	6380	-1807	-810
74	2002 Regional Report Surplus Deficit	-1708	-2986	88.4	336	518	-206	-1078	814	2546	5086	6135	8270	6837	3097
75	2003 Regional Report Surplus Deficit	1720	384	2532	802	1340	-731	-1216	69.0	4950	5027	4437	8419	6862	-9.83
76	2004 Regional Report Surplus Deficit	-1255	-2280	1620	1855	1169	1289	-336	-409	3673	3717	3563	8569	5543	547
77	2005 Regional Report Surplus Deficit	-688	-1347	3907	2294	1341	1229	993	2276	2906	1451	3315	8846	5892	989
78	2006 Regional Report Surplus Deficit	580	-1324	2053	1378	1225	567	2057	5246	5425	7288	6634	9688	7075	1922
79	2007 Regional Report Surplus Deficit	640	-774	2140	1124	1981	604	2318	2384	6667	5769	4726	8856	5327	2429
80	2008 Regional Report Surplus Deficit	708	-1326	1428	1735	915	-57.8	-189	960	3146	3771	1829	9252	7602	2943

Ranked Averages

81	**Bottom 10 pct**	**-1333**	**-2770**	**1284**	**1570**	**1062**	**-88.5**	**-1000**	**442**	**3690**	**4087**	**4323**	**8742**	**5988**	**1659**
82	**Middle 80 pct**	**1122**	**301**	**2860**	**2398**	**1897**	**1230**	**1800**	**3308**	**4809**	**4854**	**4772**	**8818**	**5968**	**1976**
83	**Top 10 pct**	**2685**	**2888**	**5611**	**3359**	**2549**	**1414**	**1936**	**3244**	**4513**	**3809**	**4095**	**8381**	**5597**	**2597**

Regional Report Surplus Deficit By Water Year

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

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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	950	681	2240	2333	1406	-1047	-1404	-97.0	1306	177	2482	5957	3350	-1272
2	1930 Regional Report Surplus Deficit	-532	-1438	2071	1737	1096	-1157	-2540	113	1377	865	3120	5178	-364	1009
3	1931 Regional Report Surplus Deficit	-274	-1536	1499	1376	1261	-1283	-3306	-2073	954	1720	619	6347	382	242
4	1932 Regional Report Surplus Deficit	-1598	-3481	1615	1211	429	-1295	-3529	-1929	4630	6186	6355	8319	5620	1550
5	1933 Regional Report Surplus Deficit	859	577	2718	2250	750	919	1208	4233	4738	4496	3899	7243	6006	3166
6	1934 Regional Report Surplus Deficit	1495	2005	2835	3486	4833	4350	4731	6266	6445	6756	6091	7361	3358	1003
7	1935 Regional Report Surplus Deficit	-681	-1615	1144	1941	475	449	1515	3650	4931	3317	3255	7198	3913	2202
8	1936 Regional Report Surplus Deficit	1379	-32.8	1736	1406	1006	-1291	-2147	-1046	1963	2424	6187	8749	5323	918
9	1937 Regional Report Surplus Deficit	-1.39	-1411	1645	1318	1225	-1302	-2519	-1921	993	588	181	6285	1952	182
10	1938 Regional Report Surplus Deficit	81.0	-1495	1587	1629	609	1100	1384	2939	4737	6031	6673	8029	5239	2005
11	1939 Regional Report Surplus Deficit	423	-923	2415	2351	1055	-958	92.4	1164	3034	4188	4508	8022	1716	485
12	1940 Regional Report Surplus Deficit	-975	-2092	1681	1883	1412	756	-145	24.6	5947	4591	3682	7542	2293	317
13	1941 Regional Report Surplus Deficit	-875	-2588	1269	1787	557	491	-1647	-69.0	1812	804	1555	5960	1345	397
14	1942 Regional Report Surplus Deficit	-1004	-2462	1339	1967	1889	1198	935	2048	3540	2256	4081	6727	4394	2507
15	1943 Regional Report Surplus Deficit	774	-226	3212	2351	504	325	2015	4634	5502	7417	7151	7953	5906	2004
16	1944 Regional Report Surplus Deficit	1028	306	2242	1347	1154	-983	-1261	-49.4	1349	-207	2598	3773	-1272	-1105
17	1945 Regional Report Surplus Deficit	-1925	-3883	304	1004	660	-2075	-2663	-533	1397	-64.0	-39.3	7642	5057	-370
18	1946 Regional Report Surplus Deficit	327	-794	1946	1529	976	961	1076	2796	4976	6108	6777	8066	5411	2481
19	1947 Regional Report Surplus Deficit	1541	905	2802	1837	1503	3863	3458	5466	6267	5115	4611	8011	5393	2469
20	1948 Regional Report Surplus Deficit	774	-695	2519	5580	3511	2261	3600	4333	4684	5139	6321	8518	5530	3029
21	1949 Regional Report Surplus Deficit	1725	2272	4357	2433	1354	237	1439	1621	5945	6021	6458	8393	5326	-317
22	1950 Regional Report Surplus Deficit	-548	-1777	1400	1526	1120	383	3658	5307	6471	6793	5806	7571	5582	2865
23	1951 Regional Report Surplus Deficit	1909	2139	3117	3635	4141	4117	4619	6846	6977	6863	6278	7986	4993	2857
24	1952 Regional Report Surplus Deficit	1698	1867	3018	5079	2648	2303	3067	5129	5167	6895	7070	8480	5767	2137
25	1953 Regional Report Surplus Deficit	594	-473	1733	1227	697	-1178	950	2831	4566	3600	4011	8016	6111	2913
26	1954 Regional Report Surplus Deficit	934	554	2816	2193	1686	1529	3023	5027	5744	5521	5051	7937	5411	3472
27	1955 Regional Report Surplus Deficit	2198	2507	6418	2510	2731	858	10.7	707	1868	2348	3265	7088	5952	3629
28	1956 Regional Report Surplus Deficit	1645	1520	2440	2754	3383	3898	4586	6181	6461	6607	6620	8173	6212	3133
29	1957 Regional Report Surplus Deficit	1869	2101	2884	2732	1340	1763	1463	2339	4877	7147	4829	8757	5972	2155
30	1958 Regional Report Surplus Deficit	1184	350	2339	2108	1405	-34.7	1991	3044	5181	5322	5808	8451	5728	1597
31	1959 Regional Report Surplus Deficit	-4.57	-206	2232	2384	2070	3280	4355	5877	5816	6261	4885	7480	5603	2251
32	1960 Regional Report Surplus Deficit	1945	2156	6828	6925	4978	3051	2643	3213	4896	7532	6115	7597	5248	1986
33	1961 Regional Report Surplus Deficit	1086	-448	2063	2270	1283	581	2428	3551	5920	5723	3706	7649	5356	1745
34	1962 Regional Report Surplus Deficit	936	45.7	1967	1425	1274	-305	1489	3210	3873	6179	6515	7984	5472	59.0
35	1963 Regional Report Surplus Deficit	713	-470	1923	2533	2406	2867	2315	4023	4633	3413	3655	7981	4772	2081
36	1964 Regional Report Surplus Deficit	824	-229	2847	1890	932	533	423	1263	2750	6010	3627	7622	6158	3458
37	1965 Regional Report Surplus Deficit	1720	2094	3962	3456	2276	3874	4595	6529	6570	4839	6651	7940	5035	2565
38	1966 Regional Report Surplus Deficit	1975	2322	2383	2684	1855	1016	1390	2306	3629	6405	4771	6975	4159	2055
39	1967 Regional Report Surplus Deficit	989	-395	2313	1332	983	954	3634	5360	6080	4053	896	7411	5644	2885
40	1968 Regional Report Surplus Deficit	1631	1302	2764	2375	1992	1083	2721	4262	6037	2935	2368	6331	5228	2364
41	1969 Regional Report Surplus Deficit	1425	1297	4543	3769	3528	2315	4090	5966	5628	6639	6368	8443	5547	2502
42	1970 Regional Report Surplus Deficit	1484	532	2527	2297	1646	-223	1508	3901	4693	4643	2093	7777	5740	1732
43	1971 Regional Report Surplus Deficit	-146	-1077	2199	1405	1327	173	4125	6333	6930	6514	6022	8304	6126	3560
44	1972 Regional Report Surplus Deficit	2374	2341	3941	2924	1727	1484	4438	6049	7659	7261	5669	8277	5847	3340
45	1973 Regional Report Surplus Deficit	2200	2345	4729	2789	1746	1046	1819	1942	1879	-635	1775	5973	2037	353
46	1974 Regional Report Surplus Deficit	-445	-2371	1508	1582	692	2567	4798	6281	7241	6837	6434	7617	5696	3811
47	1975 Regional Report Surplus Deficit	2177	2330	4366	1879	1476	291	1300	3805	5482	3487	3710	7961	6005	3967
48	1976 Regional Report Surplus Deficit	1852	1794	3697	4113	4041	4584	4221	6036	6497	6934	6247	8251	5528	3195
49	1977 Regional Report Surplus Deficit	2339	2701	7222	2859	1540	-1023	-1555	259	1728	-467	1963	3793	-2698	-422
50	1978 Regional Report Surplus Deficit	-1627	-3309	428	873	350	1866	1663	3380	4481	6498	5019	8030	4119	2575
51	1979 Regional Report Surplus Deficit	672	-409	3720	2843	1577	-140	570	732	4465	3078	3997	8403	2836	-554
52	1980 Regional Report Surplus Deficit	-1347	-1966	1986	2020	1082	-1337	95.3	1166	2051	4803	5462	8807	5313	877
53	1981 Regional Report Surplus Deficit	-244	-1703	2388	2210	1255	3298	3218	4763	4906	1276	4097	7683	5702	2459
54	1982 Regional Report Surplus Deficit	1319	1849	3432	2304	1822	1762	3278	6406	7410	6513	5356	7866	5769	3096
55	1983 Regional Report Surplus Deficit	2054	2308	5348	3925	2150	2254	3824	5366	6934	6348	4513	7927	5383	3130
56	1984 Regional Report Surplus Deficit	1712	2434	3912	2599	4526	2216	2991	5160	6142	7271	6139	8085	6174	3105
57	1985 Regional Report Surplus Deficit	2040	1445	3413	2771	2159	999	853	2109	3911	5719	5512	8109	3900	-1551
58	1986 Regional Report Surplus Deficit	-1551	-2766	1902	3580	3391	462	2324	4920	7704	6349	5942	7545	5187	1578

Regional Report Surplus Deficit By Water Year

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

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	120Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	472	-1110	2171	1704	1319	1220	570	775	3778	2424	3346	7306	3225	13.3
60	1988 Regional Report Surplus Deficit	-1482	-2856	1379	1257	434	-1597	-2199	-1693	1423	1495	3550	6559	2031	1227
61	1989 Regional Report Surplus Deficit	-188	-1934	1357	1315	622	485	-1133	-778	3764	5885	6165	7782	4052	-425
62	1990 Regional Report Surplus Deficit	-853	-1667	1896	1442	1927	1118	1921	4117	5375	4785	6812	7533	5323	1813
63	1991 Regional Report Surplus Deficit	1255	720	2206	1098	3687	2442	2909	5244	5433	5809	4377	7653	5083	2683
64	1992 Regional Report Surplus Deficit	1539	1820	2389	1168	1182	-641	-250	677	3267	1037	1983	5736	265	-939
65	1993 Regional Report Surplus Deficit	-1855	-3201	550	1408	715	-621	-2897	-2006	2838	2168	3397	7458	4730	1387
66	1994 Regional Report Surplus Deficit	385	-767	1574	1241	1449	-812	-2015	-487	1333	612	3267	6903	3184	822
67	1995 Regional Report Surplus Deficit	-724	-2438	1495	1073	455	-381	-450	3469	5944	3697	2944	7588	5554	2086
68	1996 Regional Report Surplus Deficit	639	-145	2758	3796	5180	4271	4829	6933	7764	6939	7234	8322	5686	3168
69	1997 Regional Report Surplus Deficit	1878	2026	2552	2058	1743	2176	4800	6210	7736	6561	6860	7958	5797	3408
70	1998 Regional Report Surplus Deficit	2261	2471	5398	6071	3478	1986	1623	2897	4155	3513	4281	8435	5969	2456
71	1999 Regional Report Surplus Deficit	1442	294	2501	1991	820	1632	4043	6122	7023	5620	5660	7951	6158	3475
72	2000 Regional Report Surplus Deficit	2435	2773	4276	2539	4329	2947	2304	3652	5330	6947	6685	7493	4543	2078
73	2001 Regional Report Surplus Deficit	1319	-1365	2195	2031	1182	-1069	-1600	-193	1750	-70.0	2506	5127	-3364	-1087
74	2002 Regional Report Surplus Deficit	-2107	-3414	-279	161	403	-426	-1232	658	2409	4881	6026	7019	5386	2810
75	2003 Regional Report Surplus Deficit	1282	-26.5	2118	627	1183	-981	-1368	-89.2	4861	4822	4326	7168	5409	-287
76	2004 Regional Report Surplus Deficit	-1630	-2713	1222	1682	1016	1126	-527	-572	3572	3511	3449	7318	4077	271
77	2005 Regional Report Surplus Deficit	-1084	-1767	3499	2121	1191	1066	762	2120	3146	422	3201	7591	4428	713
78	2006 Regional Report Surplus Deficit	152	-1743	1641	1205	1077	384	1822	5083	5328	7057	6516	8397	5623	1643
79	2007 Regional Report Surplus Deficit	210	-1188	1734	949	1820	422	2082	2228	6543	5563	4617	7602	3859	2145
80	2008 Regional Report Surplus Deficit	287	-1749	1035	1563	770	-260	-387	804	3030	3565	1717	7977	6159	2657

Ranked Averages

81	**Bottom 10 pct**	**-1722**	**-3203**	**890**	**1397**	**925**	**-320**	**-1132**	**278**	**3557**	**3878**	**4212**	**7486**	**4526**	**1378**
82	**Middle 80 pct**	**695**	**-114**	**2449**	**2224**	**1755**	**1030**	**1596**	**3147**	**4720**	**4607**	**4659**	**7556**	**4507**	**1694**
83	**Top 10 pct**	**2255**	**2472**	**5212**	**3187**	**2397**	**1230**	**1720**	**3085**	**4379**	**3600**	**3983**	**7118**	**4130**	**2316**

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Section 3: Monthly 1-Hour Capacity Operating Year 2014 to 2023

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Exhibit 19
Federal Report Surplus Deficit

Monthly 1-Hour Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Federal Report Surplus Deficit

Operating Year: 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

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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	1035	999	663	794	544	813	922	947	947	1052	1098	1168
2	Federal Agencies	141	141	131	154	185	214	213	196	197	169	169	151	155	157
3	USBR Obligation	671	671	589	529	162	264	14.9	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9550	9215	8771	8774	10759	11723	11812	10671	10254	9219	9291	9615	9049	9769
6	Load Following 2012 PSC	4199	4199	4033	4286	4812	5473	5431	5127	4666	4511	4511	4153	4138	4360
7	Slice Block 2012 PSC	1636	1636	1716	1655	2046	2274	2310	2137	1989	1663	1663	1454	1351	1592
8	Slice Right to Power 2012 PSC	2740	2424	2227	2141	2967	3154	2793	2401	2789	2433	2437	3570	3107	3002
9	Exports	1604	1604	1450	1615	1339	1340	1341	1469	1455	1338	1338	1398	1400	1436
10	Intra-Regional Transfers (Out)	234	234	234	9.00	287	283	282	283	145	143	143	9.00	9.00	9.00
11	Federal Diversity	-863	-882	-889	-932	-692	-802	-344	-745	-791	-869	-801	-969	-955	-631
12	**Total Firm Obligations**	**10677**	**10343**	**9806**	**9773**	**11422**	**12516**	**12356**	**11484**	**11176**	**10165**	**10237**	**10666**	**10148**	**10937**
	Net Resources														
13	**Net Hydro**	12823	11574	10554	10389	13285	14048	12585	11464	12910	11444	11460	15944	14247	13915
14	Regulated Hydro - Net	12354	11110	10015	9973	12890	13773	12340	11245	12546	10839	10842	15185	13448	13399
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1146	1146	1147	1152	1154	1157	1159	1158	1158	1157	1157	1154	1148	1151
17	Cogeneration Resources	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
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	539	531	776	716	1017	1132	891	882	891	865	865	334	575	366
24	Imports	176	176	72.3	72.3	103	305	73.2	73.2	73.2	56.9	56.9	11.0	1.00	56.0
25	Intra-Regional Transfers (In)	58.0	58.0	412	354	604	512	512	512	512	512	512	0	262	0
26	Non-Federal CER	239	239	239	239	239	239	239	239	239	238	238	238	238	238
27	Slice Transmission Loss Return	65.6	58.0	53.2	51.1	71.0	75.5	66.8	57.4	66.7	58.1	58.2	85.5	74.3	71.8
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2078	-2000	-1936	-1918	-2151	-2234	-2128	-2044	-2094	-1997	-1998	-2179	-2145	-2146
30	Contingency Reserves (Spinning)	-375	-356	-336	-348	-413	-441	-416	-392	-392	-368	-368	-394	-387	-397
31	Contingency Reserves (Non-Spinning)	-375	-356	-336	-348	-413	-441	-416	-392	-392	-368	-368	-394	-387	-397
32	Load Following Reserves	-486	-486	-486	-478	-478	-478	-478	-478	-478	-478	-478	-478	-492	-492
33	Generation Imbalance Reserves	-411	-411	-411	-385	-385	-385	-385	-385	-385	-385	-385	-385	-400	-400
34	Transmission Losses	-431	-390	-365	-358	-461	-489	-433	-397	-446	-398	-398	-529	-479	-461
35	**Total Net Resources**	**12430**	**11250**	**10541**	**10340**	**13305**	**14103**	**12506**	**11460**	**12865**	**11469**	**11484**	**15254**	**13825**	**13286**
36	**Total Surplus/Deficit**	**1752**	**908**	**735**	**567**	**1883**	**1587**	**151**	**-24.8**	**1688**	**1304**	**1247**	**4588**	**3677**	**2349**

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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**	1132	1132	1038	1001	664	796	547	817	925	949	949	1054	1101	1171
2	Federal Agencies	142	142	132	156	187	216	216	199	200	171	171	153	158	159
3	USBR Obligation	673	673	589	529	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9402	9087	8357	8918	10989	11806	12098	10917	10463	9440	9316	9458	8728	9862
6	Load Following 2012 PSC	4248	4248	4076	4348	4875	5536	5490	5178	4719	4565	4565	4209	4198	4425
7	Slice Block 2012 PSC	1593	1593	1661	1736	2147	2387	2424	2243	2088	1746	1746	1526	1419	1671
8	Slice Right to Power 2012 PSC	2888	2600	2204	2048	2951	3164	2982	2502	2798	2469	2397	3338	2687	2924
9	Exports	1585	1585	1431	1647	1371	1372	1373	1501	1487	1370	1370	1430	1432	1451
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	288	285	283	283	145	143	143	9.00	9.00	9.00
11	Federal Diversity	-921	-948	-1024	-870	-643	-938	-453	-790	-775	-855	-906	-1054	-1018	-618
12	**Total Firm Obligations**	**10534**	**10218**	**9395**	**9919**	**11653**	**12602**	**12645**	**11734**	**11388**	**10389**	**10265**	**10512**	**9829**	**11032**
	Net Resources														
13	**Net Hydro**	13469	12326	10636	10235	13452	14275	13520	12052	13131	11776	11479	16320	13854	13772
14	Regulated Hydro - Net	13000	11863	10097	9819	13058	14000	13274	11832	12768	11170	10861	15561	13055	13255
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1146	1146	1147	1152	1154	1157	1159	1158	1158	1157	1157	23.6	18.3	1151
17	Cogeneration Resources	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
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	483	476	625	672	700	932	696	684	691	666	664	379	615	399
24	Imports	176	176	72.3	72.3	78.2	305	73.2	73.2	73.2	56.9	56.9	11.0	1.00	41.0
25	Intra-Regional Transfers (In)	0	0	262	313	313	313	313	313	313	313	313	51.0	313	51.0
26	Non-Federal CER	238	238	238	238	238	238	238	238	238	237	237	237	237	237
27	Slice Transmission Loss Return	69.1	62.1	52.6	48.9	70.6	75.7	71.3	59.8	66.9	59.0	57.3	79.9	64.2	69.9
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2115	-2045	-1957	-1962	-2206	-2370	-2308	-2202	-2229	-2139	-2111	-2230	-2123	-2241
30	Contingency Reserves (Spinning)	-387	-370	-339	-347	-416	-444	-429	-400	-395	-372	-368	-365	-349	-395
31	Contingency Reserves (Non-Spinning)	-387	-370	-339	-347	-416	-444	-429	-400	-395	-372	-368	-365	-349	-395
32	Load Following Reserves	-492	-492	-505	-507	-507	-533	-533	-533	-533	-533	-533	-533	-533	-533
33	Generation Imbalance Reserves	-400	-400	-411	-412	-412	-464	-464	-464	-464	-464	-454	-464	-464	-464
34	Transmission Losses	-450	-413	-362	-350	-454	-485	-453	-405	-442	-397	-388	-502	-429	-453
35	**Total Net Resources**	**12982**	**11904**	**10452**	**10098**	**13100**	**13994**	**13066**	**11691**	**12751**	**11459**	**11189**	**14492**	**12365**	**13081**
36	**Total Surplus/Deficit**	**2449**	**1686**	**1057**	**179**	**1447**	**1393**	**421**	**-42.9**	**1363**	**1070**	**924**	**3980**	**2536**	**2049**

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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**	1133	1133	1040	1001	667	799	548	811	927	950	950	1055	1102	1172
2	Federal Agencies	144	144	134	158	189	219	217	193	201	172	172	154	159	160
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9430	9104	8384	8826	11174	11817	12104	10772	10724	9560	9237	9591	9109	9666
6	Load Following 2012 PSC	4311	4311	4134	4372	4901	5565	5528	5168	4750	4600	4600	4246	4237	4470
7	Slice Block 2012 PSC	1671	1671	1743	1684	2082	2315	2350	2100	2024	1693	1693	1481	1379	1621
8	Slice Right to Power 2012 PSC	2869	2521	2061	2036	2918	3200	2951	2457	3209	2487	2410	3549	3106	2884
9	Exports	1536	1536	1379	1611	1334	1335	1336	1464	1451	1334	1334	1317	1319	1353
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	283	282	282	283	144	143	143	9.00	9.00	9.00
11	Federal Diversity	-966	-945	-943	-887	-344	-881	-344	-701	-854	-697	-942	-1011	-941	-671
12	**Total Firm Obligations**	**10563**	**10237**	**9423**	**9826**	**11841**	**12615**	**12652**	**11583**	**11651**	**10510**	**10187**	**10647**	**10211**	**10838**
	Net Resources														
13	**Net Hydro**	13525	12149	10218	10327	13457	14478	13457	11925	14825	11891	11586	16087	14490	13750
14	Regulated Hydro - Net	13056	11685	9679	9911	13063	14203	13212	11706	14462	11286	10968	15328	13690	13234
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1146	1146	1147	1152	1154	1157	1159	1158	1158	1135	1135	1135	1134	1133
17	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
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	518	509	640	639	677	916	678	666	684	665	664	373	624	357
24	Imports	161	161	41.0	41.0	57.1	289	57.1	57.1	57.1	57.1	57.1	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	51.0	51.0	313	313	313	313	313	313	313	313	313	51.0	313	51.0
26	Non-Federal CER	237	237	237	237	237	237	237	237	237	236	236	236	236	236
27	Slice Transmission Loss Return	68.6	60.3	49.2	48.5	69.6	76.4	70.5	58.6	76.7	59.3	57.4	84.8	74.2	68.9
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2256	-2171	-2067	-2102	-2341	-2444	-2366	-2255	-2402	-2196	-2177	-2405	-2419	-2394
30	Contingency Reserves (Spinning)	-387	-367	-332	-347	-416	-448	-429	-398	-420	-365	-360	-405	-390	-394
31	Contingency Reserves (Non-Spinning)	-387	-367	-332	-347	-416	-448	-429	-398	-420	-365	-360	-405	-390	-394
32	Load Following Reserves	-555	-555	-574	-576	-576	-576	-576	-576	-580	-580	-580	-580	-638	-638
33	Generation Imbalance Reserves	-478	-478	-484	-485	-485	-485	-485	-485	-488	-488	-488	-488	-522	-522
34	Transmission Losses	-448	-403	-344	-347	-449	-489	-448	-398	-494	-398	-388	-526	-479	-445
35	**Total Net Resources**	**12932**	**11634**	**9939**	**10016**	**12947**	**14107**	**12927**	**11493**	**14264**	**11495**	**11207**	**15189**	**13829**	**12847**
36	**Total Surplus/Deficit**	**2369**	**1397**	**515**	**190**	**1107**	**1491**	**275**	**-89.7**	**2613**	**985**	**1020**	**4543**	**3618**	**2009**

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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	1041	1002	668	801	563	832	941	964	964	1068	1116	1185
2	Federal Agencies	146	146	135	160	191	220	232	215	215	186	186	167	173	173
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9395	8817	8324	8968	11188	11896	12122	10909	10637	9697	9279	9414	8865	9806
6	Load Following 2012 PSC	4353	4353	4170	4413	4943	5616	5574	5262	4789	4643	4643	4292	4286	4524
7	Slice Block 2012 PSC	1621	1621	1690	1721	2128	2366	2403	2224	2070	1730	1730	1513	1409	1657
8	Slice Right to Power 2012 PSC	2788	2455	2072	2067	3083	3162	2929	2461	3060	2506	2398	3336	2748	2926
9	Exports	1474	1474	1317	1549	1319	1320	1321	1449	1436	1318	1318	1317	1319	1353
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	286	284	287	282	144	143	143	9.00	9.00	9.00
11	Federal Diversity	-851	-1096	-934	-791	-573	-853	-392	-769	-861	-644	-953	-1053	-905	-663
12	**Total Firm Obligations**	**10529**	**9951**	**9365**	**9970**	**11856**	**12697**	**12685**	**11742**	**11578**	**10661**	**10243**	**10482**	**9981**	**10991**
	Net Resources														
13	**Net Hydro**	13337	12015	10360	10564	14301	14518	13564	12131	14418	12130	11700	16457	14279	14031
14	Regulated Hydro - Net	12868	11551	9821	10148	13906	14243	13319	11911	14055	11524	11082	15698	13480	13514
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	4.58	4.09	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	475	467	599	599	624	858	620	609	623	608	605	366	614	356
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	51.0	51.0	313	313	313	313	313	313	313	313	313	51.0	313	51.0
26	Non-Federal CER	236	236	236	236	236	236	236	236	236	234	234	234	234	234
27	Slice Transmission Loss Return	66.5	58.5	49.3	49.2	73.6	75.5	69.9	58.7	73.1	59.8	57.2	79.7	65.6	69.9
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2365	-2282	-2173	-2213	-2489	-2543	-2469	-2365	-2470	-2305	-2279	-2422	-2394	-2501
30	Contingency Reserves (Spinning)	-384	-365	-334	-351	-428	-448	-431	-402	-414	-369	-362	-378	-354	-399
31	Contingency Reserves (Non-Spinning)	-384	-365	-334	-351	-428	-448	-431	-402	-414	-369	-362	-378	-354	-399
32	Load Following Reserves	-638	-638	-638	-639	-639	-639	-639	-639	-642	-642	-642	-642	-686	-686
33	Generation Imbalance Reserves	-522	-522	-522	-523	-523	-523	-523	-523	-525	-525	-525	-525	-567	-567
34	Transmission Losses	-436	-393	-344	-350	-470	-484	-445	-399	-475	-401	-387	-499	-433	-451
35	**Total Net Resources**	**12581**	**11332**	**9919**	**10084**	**13571**	**13968**	**12850**	**11509**	**13706**	**11567**	**11161**	**14405**	**12502**	**13019**
36	**Total Surplus/Deficit**	**2052**	**1381**	**554**	**114**	**1715**	**1271**	**165**	**-233**	**2127**	**906**	**918**	**3923**	**2522**	**2028**

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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**	1147	1147	1054	1014	679	813	569	838	946	969	969	1073	1121	1190
2	Federal Agencies	159	159	148	172	202	233	238	220	221	191	191	172	178	178
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9496	8881	8421	8959	11241	11869	11721	10895	10332	9584	9370	9763	9059	9764
6	Load Following 2012 PSC	4405	4405	4215	4457	4989	5670	5627	5309	4833	4691	4691	4341	4334	4579
7	Slice Block 2012 PSC	1657	1657	1727	1688	2089	2322	2359	2183	2031	1697	1697	1484	1382	1626
8	Slice Right to Power 2012 PSC	2792	2441	2082	2080	3062	3156	2916	2468	2669	2515	2393	3569	3069	2898
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	287	284	283	282	144	143	143	9.00	9.00	9.00
11	Federal Diversity	-859	-1123	-947	-842	-523	-901	-801	-815	-799	-799	-890	-974	-1072	-719
12	**Total Firm Obligations**	**10643**	**10028**	**9475**	**9973**	**11920**	**12682**	**12290**	**11732**	**11278**	**10552**	**10339**	**10837**	**10180**	**10954**
	Net Resources														
13	**Net Hydro**	13485	12091	10532	10690	14298	14575	13585	12235	12941	12259	11775	16421	14527	13991
14	Regulated Hydro - Net	13016	11627	9993	10274	13904	14299	13339	12016	12577	11654	11157	15662	13728	13475
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	1135	1134	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	473	464	467	466	490	724	486	476	480	475	472	369	488	353
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	51.0	51.0	182	182	182	182	182	182	182	182	182	51.0	182	51.0
26	Non-Federal CER	234	234	234	234	234	234	234	234	234	232	232	232	232	232
27	Slice Transmission Loss Return	66.6	58.2	49.6	49.2	72.9	75.1	69.3	58.6	63.4	59.7	56.8	85.0	73.0	68.9
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2463	-2377	-2269	-2306	-2573	-2631	-2555	-2456	-2459	-2412	-2382	-2660	-2588	-2580
30	Contingency Reserves (Spinning)	-387	-366	-337	-353	-428	-449	-431	-404	-393	-381	-374	-400	-391	-399
31	Contingency Reserves (Non-Spinning)	-387	-366	-337	-353	-428	-449	-431	-404	-393	-381	-374	-400	-391	-399
32	Load Following Reserves	-686	-686	-686	-687	-687	-687	-687	-687	-687	-687	-687	-719	-721	-721
33	Generation Imbalance Reserves	-567	-567	-567	-567	-567	-567	-567	-567	-567	-567	-567	-612	-614	-614
34	Transmission Losses	-438	-392	-342	-346	-463	-478	-438	-395	-419	-397	-381	-529	-470	-447
35	**Total Net Resources**	**12627**	**11311**	**9863**	**9984**	**13349**	**13802**	**12651**	**11389**	**12097**	**11456**	**10999**	**15265**	**13561**	**12898**
36	**Total Surplus/Deficit**	**1985**	**1283**	**388**	**11.5**	**1430**	**1120**	**361**	**-343**	**819**	**904**	**660**	**4428**	**3381**	**1943**

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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**	1152	1152	1059	1018	683	817	573	844	950	973	973	1077	1125	1194
2	Federal Agencies	164	164	153	176	206	237	242	226	225	195	195	177	182	182
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9466	8949	8403	8892	10992	11818	11730	10782	10260	9588	9253	9523	8862	9852
6	Load Following 2012 PSC	4458	4458	4263	4501	5035	5724	5680	5350	4878	4739	4739	4390	4385	4636
7	Slice Block 2012 PSC	1626	1626	1695	1724	2134	2372	2409	2230	2075	1733	1733	1516	1412	1660
8	Slice Right to Power 2012 PSC	2798	2510	2121	2022	3082	3262	3010	2548	2676	2531	2414	3268	2733	2881
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00
11	Federal Diversity	-916	-1145	-1020	-931	-612	-894	-723	-829	-830	-760	-978	-994	-1012	-705
12	**Total Firm Obligations**	**10618**	**10101**	**9462**	**9911**	**11675**	**12635**	**12304**	**11625**	**11211**	**10561**	**10226**	**10600**	**9988**	**11046**
	Net Resources														
13	**Net Hydro**	13573	12425	10745	10570	14199	14818	13784	12376	12944	12295	11830	16363	14325	13986
14	Regulated Hydro - Net	13104	11962	10206	10154	13804	14542	13538	12157	12581	11689	11212	15603	13526	13470
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	4.58	4.09	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	471	464	465	463	488	725	487	475	479	473	470	360	478	351
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	51.0	51.0	182	182	182	182	182	182	182	182	182	51.0	182	51.0
26	Non-Federal CER	232	232	232	232	232	232	232	232	232	230	230	230	230	230
27	Slice Transmission Loss Return	66.5	59.6	50.2	47.8	73.3	77.7	71.6	60.5	63.6	60.1	57.3	77.8	64.9	68.5
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2561	-2490	-2374	-2389	-2658	-2738	-2658	-2556	-2558	-2513	-2485	-2582	-2497	-2627
30	Contingency Reserves (Spinning)	-388	-372	-340	-351	-427	-453	-434	-406	-393	-381	-374	-368	-357	-400
31	Contingency Reserves (Non-Spinning)	-388	-372	-340	-351	-427	-453	-434	-406	-393	-381	-374	-368	-357	-400
32	Load Following Reserves	-726	-726	-726	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
33	Generation Imbalance Reserves	-622	-622	-622	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
34	Transmission Losses	-437	-400	-346	-339	-456	-483	-442	-396	-416	-395	-380	-490	-427	-445
35	**Total Net Resources**	**12616**	**11532**	**9970**	**9778**	**13163**	**13939**	**12746**	**11431**	**11999**	**11389**	**10951**	**14145**	**12310**	**12842**
36	**Total Surplus/Deficit**	**1998**	**1430**	**508**	**-133**	**1489**	**1304**	**443**	**-195**	**789**	**828**	**725**	**3544**	**2323**	**1796**

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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**	1156	1156	1063	1022	686	821	577	838	953	976	976	1080	1128	1197
2	Federal Agencies	168	168	157	180	209	241	246	220	228	198	198	179	185	185
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9490	9043	8495	8895	11010	11767	11626	10714	10412	9525	9163	9715	9125	9941
6	Load Following 2012 PSC	4512	4512	4312	4554	5090	5786	5733	5354	4923	4788	4788	4441	4438	4696
7	Slice Block 2012 PSC	1660	1660	1731	1695	2097	2331	2368	2116	2039	1703	1703	1490	1387	1632
8	Slice Right to Power 2012 PSC	2808	2476	2123	2073	2996	3272	3008	2535	2794	2576	2429	3550	3066	2868
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00
11	Federal Diversity	-991	-1105	-1015	-1003	-525	-975	-837	-773	-806	-887	-1102	-1109	-1112	-635
12	**Total Firm Obligations**	**10646**	**10199**	**9558**	**9917**	**11696**	**12588**	**12203**	**11552**	**11365**	**10501**	**10138**	**10796**	**10253**	**11138**
	Net Resources														
13	**Net Hydro**	13662	12341	10802	10769	13853	14854	13776	12321	13406	12471	11888	16384	14548	13932
14	Regulated Hydro - Net	13194	11877	10263	10353	13458	14578	13530	12101	13043	11865	11270	15625	13749	13416
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	1135	1134	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	469	461	332	280	302	541	302	290	296	290	287	314	302	297
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	51.0	51.0	51.0	0	0	0	0	0	0	0	0	0	0	0
26	Non-Federal CER	230	230	230	230	230	230	229	229	229	228	228	228	228	228
27	Slice Transmission Loss Return	66.7	58.8	50.3	49.1	71.3	77.9	71.6	60.2	66.4	61.2	57.6	84.6	72.9	68.2
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2604	-2522	-2409	-2398	-2634	-2737	-2655	-2548	-2583	-2521	-2485	-2687	-2609	-2625
30	Contingency Reserves (Spinning)	-391	-372	-342	-356	-424	-456	-436	-406	-401	-385	-377	-403	-395	-400
31	Contingency Reserves (Non-Spinning)	-391	-372	-342	-356	-424	-456	-436	-406	-401	-385	-377	-403	-395	-400
32	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
33	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
34	Transmission Losses	-439	-396	-342	-339	-439	-478	-435	-388	-425	-394	-375	-525	-464	-441
35	**Total Net Resources**	**12661**	**11413**	**9858**	**9785**	**12656**	**13792**	**12557**	**11197**	**12255**	**11375**	**10825**	**15146**	**13375**	**12737**
36	**Total Surplus/Deficit**	**2015**	**1214**	**300**	**-132**	**960**	**1204**	**354**	**-355**	**889**	**874**	**686**	**4350**	**3122**	**1599**

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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**	1159	1159	1065	1025	689	824	579	847	956	977	977	1082	1130	1199
2	Federal Agencies	170	170	160	182	211	244	248	230	230	200	200	181	187	187
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9679	9003	8463	8903	10998	11840	11823	11023	10478	9694	9139	9593	8931	9860
6	Load Following 2012 PSC	4569	4569	4364	4599	5137	5838	5791	5465	4976	4844	4844	4500	4500	4764
7	Slice Block 2012 PSC	1632	1632	1702	1685	2085	2318	2355	2179	2028	1694	1694	1481	1379	1623
8	Slice Right to Power 2012 PSC	2847	2514	2183	2043	3000	3287	2975	2604	2805	2593	2400	3270	2832	2861
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00
11	Federal Diversity	-870	-1213	-1129	-1000	-577	-957	-652	-708	-792	-782	-1143	-1002	-1125	-766
12	**Total Firm Obligations**	**10838**	**10161**	**9529**	**9928**	**11687**	**12664**	**12402**	**11871**	**11434**	**10671**	**10117**	**10675**	**10061**	**11059**
	Net Resources														
13	**Net Hydro**	13817	12491	11039	10669	13890	14913	13641	12594	13447	12535	11766	16368	14710	13897
14	Regulated Hydro - Net	13348	12027	10500	10253	13495	14637	13395	12375	13083	11929	11148	15609	13911	13380
15	Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	4.58	4.09	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	417	409	281	277	300	539	300	291	296	291	286	307	296	297
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Non-Federal CER	228	228	228	228	228	228	228	228	228	228	228	228	228	228
27	Slice Transmission Loss Return	67.7	59.7	51.7	48.4	71.4	78.3	70.8	61.8	66.7	61.6	56.9	77.9	67.3	68.0
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2615	-2532	-2425	-2395	-2639	-2725	-2629	-2549	-2568	-2507	-2460	-2568	-2500	-2606
30	Contingency Reserves (Spinning)	-395	-375	-347	-356	-426	-448	-425	-402	-392	-377	-366	-362	-355	-391
31	Contingency Reserves (Non-Spinning)	-395	-375	-347	-356	-426	-448	-425	-402	-392	-377	-366	-362	-355	-391
32	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
33	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
34	Transmission Losses	-442	-399	-348	-336	-440	-480	-431	-398	-427	-397	-372	-489	-434	-441
35	**Total Net Resources**	**12752**	**11500**	**10028**	**9685**	**12686**	**13862**	**12446**	**11471**	**12309**	**11453**	**10727**	**14112**	**12510**	**12721**
36	**Total Surplus/Deficit**	**1915**	**1339**	**499**	**-242**	**999**	**1198**	**44.3**	**-400**	**876**	**782**	**610**	**3437**	**2449**	**1662**

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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**	1160	1160	1067	1027	690	826	581	849	957	979	979	1083	1131	1200
2	Federal Agencies	172	172	161	184	213	246	250	232	232	201	201	182	188	188
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9657	9080	8561	9032	11097	11901	11798	11005	10410	9607	9191	9877	9137	9886
6	Load Following 2012 PSC	4635	4635	4425	4669	5208	5915	5842	5510	5019	4888	4888	4542	4541	4808
7	Slice Block 2012 PSC	1623	1623	1692	1686	2087	2320	2356	2181	2029	1695	1695	1482	1380	1624
8	Slice Right to Power 2012 PSC	2842	2509	2174	2067	2989	3264	3000	2527	2788	2572	2425	3546	3061	2863
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00
11	Federal Diversity	-944	-1188	-1075	-966	-540	-951	-755	-695	-888	-892	-1161	-1037	-1191	-789
12	**Total Firm Obligations**	**10817**	**10240**	**9628**	**10058**	**11787**	**12727**	**12378**	**11855**	**11367**	**10586**	**10170**	**10960**	**10268**	**11086**
	Net Resources														
13	**Net Hydro**	13793	12466	10998	10740	13821	14817	13738	12285	13375	12445	11862	16383	14522	13903
14	Regulated Hydro - Net	13324	12003	10460	10337	13443	14563	13514	12087	13026	11849	11254	15631	13733	13400
15	Independent Hydro - Net	469	464	539	403	378	254	223	199	349	596	608	753	789	504
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	1135	1134	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	417	409	281	278	300	539	300	289	295	290	287	314	302	297
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Non-Federal CER	228	228	228	228	228	228	228	228	228	228	228	228	228	228
27	Slice Transmission Loss Return	67.6	59.6	51.5	48.9	71.1	77.7	71.4	60.0	66.3	61.1	57.5	84.5	72.8	68.1
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2596	-2514	-2405	-2382	-2617	-2721	-2638	-2533	-2566	-2504	-2468	-2692	-2593	-2609
30	Contingency Reserves (Spinning)	-386	-366	-337	-348	-416	-448	-428	-399	-393	-377	-368	-406	-386	-392
31	Contingency Reserves (Non-Spinning)	-386	-366	-337	-348	-416	-448	-428	-399	-393	-377	-368	-406	-386	-392
32	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
33	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
34	Transmission Losses	-442	-398	-347	-339	-438	-477	-434	-387	-424	-394	-375	-525	-463	-441
35	**Total Net Resources**	**12747**	**11495**	**10007**	**9770**	**12638**	**13769**	**12535**	**11176**	**12239**	**11365**	**10815**	**15139**	**13365**	**12725**
36	**Total Surplus/Deficit**	**1930**	**1254**	**379**	**-288**	**851**	**1042**	**156**	**-678**	**872**	**779**	**645**	**4179**	**3097**	**1639**

Federal Report Surplus Deficit

Operating Year: 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Obligations														
1	**Non-Utility Obligation**	1161	1161	1068	1028	692	828	582	852	953	980	980	1085	1133	1201
2	Federal Agencies	173	173	162	186	214	248	252	235	228	202	202	184	190	190
3	USBR Obligation	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	DSI Obligation	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	**Transfers Out**	9647	8942	8547	9032	11045	12054	11925	11145	10473	9723	9160	9613	8982	9939
6	Load Following 2012 PSC	4678	4678	4466	4714	5257	5972	5885	5543	5056	4925	4925	4578	4578	4848
7	Slice Block 2012 PSC	1624	1624	1693	1686	2087	2320	2356	2181	2029	1695	1695	1482	1380	1624
8	Slice Right to Power 2012 PSC	2842	2509	2178	2038	2995	3280	2968	2597	2800	2590	2396	3267	2828	2856
9	Exports	1492	1492	1335	1567	1337	1338	1338	1467	1453	1336	1336	1335	1336	1371
10	Intra-Regional Transfers (Out)	9.00	9.00	9.00	9.00	16.0	16.0	16.0	16.0	9.00	9.00	9.00	9.00	9.00	9.00
11	Federal Diversity	-998	-1370	-1134	-983	-646	-871	-639	-658	-874	-832	-1201	-1058	-1149	-769
12	**Total Firm Obligations**	**10808**	**10103**	**9615**	**10060**	**11737**	**12882**	**12507**	**11998**	**11426**	**10703**	**10140**	**10698**	**10115**	**11140**
	Net Resources														
13	**Net Hydro**	13792	12465	11012	10639	13857	14896	13624	12578	13437	12510	11741	16386	14705	13889
14	Regulated Hydro - Net	13333	12011	10484	10236	13479	14642	13401	12379	13088	11914	11133	15634	13916	13385
15	Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
16	**Other Resources**	1133	1133	1133	1134	1134	1135	1135	1135	1135	1135	1135	4.58	4.09	1133
17	Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Large Thermal Resources	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	0	0	1130
20	Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	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
22	Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	**Contract Purchases**	417	409	281	277	300	539	300	291	296	290	286	307	296	297
24	Imports	121	121	1.00	1.00	1.00	233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Non-Federal CER	228	228	228	228	228	228	228	228	228	228	228	228	228	228
27	Slice Transmission Loss Return	67.6	59.6	51.6	48.2	71.2	78.1	70.6	61.7	66.5	61.5	56.8	77.8	67.2	67.9
28	Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	**Reserves & Losses**	-2599	-2517	-2408	-2378	-2622	-2729	-2633	-2553	-2572	-2491	-2444	-2593	-2504	-2610
30	Contingency Reserves (Spinning)	-387	-368	-339	-347	-418	-451	-428	-404	-395	-369	-358	-374	-357	-393
31	Contingency Reserves (Non-Spinning)	-387	-368	-339	-347	-418	-451	-428	-404	-395	-369	-358	-374	-357	-393
32	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
33	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
34	Transmission Losses	-442	-398	-347	-335	-439	-480	-431	-397	-426	-397	-371	-489	-433	-441
35	**Total Net Resources**	**12743**	**11491**	**10018**	**9673**	**12670**	**13841**	**12425**	**11450**	**12295**	**11443**	**10717**	**14105**	**12501**	**12709**
36	**Total Surplus/Deficit**	**1935**	**1387**	**403**	**-387**	**933**	**959**	**-82.5**	**-548**	**870**	**740**	**577**	**3407**	**2386**	**1569**

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Exhibit 20
Regional Report Surplus Deficit

Monthly 1-Hour Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Regional Report Surplus Deficit

Operating Year: 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	29140	29140	26271	27116	30166	33313	33182	31497	28856	27339	27339	25709	28488	30521
2	Federal Agency	152	152	142	166	193	222	221	204	205	181	181	163	167	169
3	USBR	671	671	589	529	162	264	14.9	301	409	462	462	585	627	696
4	Cooperative	2595	2595	2428	2486	2720	3156	3119	2923	2667	2640	2640	2570	2619	2763
5	Municipality	3375	3375	3248	3743	4302	4603	4591	4421	3978	3781	3781	3282	3343	3527
6	Public Utility District	5469	5469	5210	5825	6782	7528	7336	6946	6211	5972	5972	5415	5406	5689
7	Investor-Owned Utility	15975	15975	13771	13485	15120	16643	16995	15810	14499	13429	13429	12819	15433	16766
8	Marketer	440	440	420	419	424	435	443	430	424	412	412	413	431	449
9	Direct-Service Industry	463	463	463	463	463	463	463	463	463	463	463	463	463	463
10	**Exports**	2398	2398	2243	2077	1714	1713	1713	1842	1831	1713	1721	1688	2193	2229
11	Canada	1463	1463	1311	1543	1311	1311	1311	1440	1427	1311	1311	1311	1311	1345
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	915	915	915	517	384	381	381	381	384	384	392	360	864	864
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-863	-882	-889	-932	-692	-802	-344	-745	-791	-869	-801	-969	-955	-631
17		-863	-882	-889	-932	-692	-802	-344	-745	-791	-869	-801	-969	-955	-631
18	**Total Firm Loads**	**30675**	**30656**	**27626**	**28261**	**31188**	**34224**	**34551**	**32594**	**29895**	**28183**	**28259**	**26429**	**29727**	**32120**
	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**	23024	22057	20874	20547	23642	24465	23263	21647	23074	21525	21506	26617	25576	24916
30	Regulated Hydro - Net	21516	20550	19295	19036	22178	23074	21928	20402	21570	19736	19701	24627	23538	23289
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16397	16396	16409	16490	16578	16646	16650	16610	15924	16015	15014	13069	15786	16468
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5665	5748	5876	5940	5949	5904	5853	5707	5707	4623	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	6726	6196	5062	7090	7244
36	Renewable Resources	126	126	126	126	126	127	126	127	125	125	125	125	125	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	84.1	84.4	83.5	83.6	83.9	85.0	85.4	85.1	83.7	83.8	83.5	85.7	83.5	82.8
39	**Imports**	1414	1414	1186	1313	1743	2127	1866	1895	1472	1272	1272	1256	1497	1638
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	391	391	371	370	413	474	468	466	417	360	360	363	395	408
42	Inland Southwest	701	701	598	547	549	627	573	571	546	519	519	559	778	851
43	Pacific Southwest	55.0	55.0	71.3	71.3	502	493	493	493	118	67.9	67.9	10.00	0	55.0
44	Other	0	0	0	177	177	177	177	177	177	177	177	177	177	177
45	**Reserves & Losses**	-4016	-3956	-3793	-3778	-4086	-4244	-4159	-4011	-3970	-3831	-3783	-3919	-4120	-4180
46	Contingency Reserves (Non-Spinning)	-921	-907	-847	-858	-955	-1015	-996	-948	-921	-878	-871	-886	-943	-971
47	Contingency Reserves (Spinning)	-921	-907	-847	-858	-955	-1015	-996	-948	-921	-878	-871	-886	-943	-971

Regional Report Surplus Deficit

Operating Year: 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-411	-411	-411	-385	-385	-385	-385	-385	-385	-385	-385	-385	-400	-400
49	Load Following Reserves	-486	-486	-486	-478	-478	-478	-478	-478	-478	-478	-478	-478	-492	-492
50	Transmission Losses	-1276	-1245	-1202	-1198	-1313	-1352	-1304	-1253	-1265	-1212	-1179	-1283	-1343	-1346
51	**Total Resources**	**36819**	**35911**	**34676**	**34573**	**37877**	**38994**	**37621**	**36141**	**36500**	**34980**	**34008**	**37023**	**38739**	**38841**
52	**Total Surplus/Deficit**	**6144**	**5254**	**7036**	**6311**	**6688**	**4770**	**3065**	**3525**	**6551**	**6763**	**5716**	**10595**	**9012**	**6721**

Regional Report Surplus Deficit

Operating Year: 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Firm Loads														
1	**Regional Firm Loads**	30030	30030	26935	27720	30789	33978	33859	32118	29399	27848	27848	26217	29094	31188
2	Federal Agency	154	154	144	168	195	224	224	208	208	183	183	165	170	171
3	USBR	673	673	589	529	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2655	2655	2483	2535	2768	3204	3165	2962	2709	2685	2685	2617	2669	2818
5	Municipality	3506	3506	3320	3774	4335	4637	4622	4451	4007	3810	3810	3310	3372	3557
6	Public Utility District	5629	5629	5306	5885	6848	7590	7396	7004	6271	6030	6030	5473	5474	5764
7	Investor-Owned Utility	16509	16509	14207	13901	15549	17116	17484	16253	14861	13758	13758	13143	15840	17224
8	Marketer	442	442	422	420	425	436	445	432	426	413	413	415	434	451
9	Direct-Service Industry	463	463	463	508	508	508	508	508	508	508	508	508	508	508
10	**Exports**	2378	2378	2224	2109	1746	1745	1595	1724	1713	1595	1603	1570	2075	2094
11	Canada	1495	1495	1343	1575	1343	1343	1343	1472	1459	1343	1343	1343	1343	1376
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	864	864	864	517	384	381	231	231	234	234	242	210	714	698
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-921	-948	-1024	-870	-643	-938	-453	-790	-775	-855	-906	-1054	-1018	-618
17		-921	-948	-1024	-870	-643	-938	-453	-790	-775	-855	-906	-1054	-1018	-618
18	**Total Firm Loads**	**31488**	**31460**	**28135**	**28959**	**31892**	**34784**	**35001**	**33052**	**30337**	**28589**	**28545**	**26732**	**30151**	**32663**
	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**	23706	22853	20897	20017	23781	24634	24128	22256	23275	21708	21385	26946	25175	24768
30	Regulated Hydro - Net	22198	21346	19319	18507	22317	23242	22792	21011	21771	19919	19580	24956	23137	23141
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16397	16396	16382	16527	16578	16649	16651	16611	15925	16533	16062	12623	14601	16468
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5637	5784	5876	5942	5949	5904	5853	5707	5707	4623	5066	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	7244	7244	4616	5960	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	84.1	84.4	83.5	83.6	83.9	85.0	85.4	85.1	83.7	83.8	83.5	85.7	83.5	82.8
39	**Imports**	1612	1612	1379	1635	2037	2447	2185	2215	1791	1589	1589	1575	1822	1950
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	393	393	372	372	415	476	470	468	420	362	362	365	398	411
42	Inland Southwest	720	720	612	557	556	635	580	578	553	525	525	566	791	865
43	Pacific Southwest	55.0	55.0	71.3	71.3	477	493	493	493	118	67.9	67.9	10.00	0	40.0
44	Other	177	177	177	487	487	487	487	487	487	487	487	487	487	487
45	**Reserves & Losses**	-4084	-4032	-3836	-3828	-4175	-4410	-4368	-4203	-4134	-4011	-3952	-4011	-4117	-4299
46	Contingency Reserves (Non-Spinning)	-944	-932	-856	-859	-966	-1025	-1017	-964	-930	-886	-875	-864	-911	-977
47	Contingency Reserves (Spinning)	-944	-932	-856	-859	-966	-1025	-1017	-964	-930	-886	-875	-864	-911	-977

Regional Report Surplus Deficit

Operating Year: 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-400	-400	-411	-412	-412	-464	-464	-464	-464	-464	-454	-464	-464	-464
49	Load Following Reserves	-492	-492	-505	-507	-507	-533	-533	-533	-533	-533	-533	-533	-533	-533
50	Transmission Losses	-1304	-1277	-1207	-1191	-1325	-1363	-1338	-1278	-1277	-1242	-1216	-1287	-1299	-1348
51	**Total Resources**	**37631**	**36829**	**34823**	**34351**	**38221**	**39319**	**38596**	**36878**	**36857**	**35820**	**35084**	**37133**	**37481**	**38886**
52	**Total Surplus/Deficit**	**6143**	**5369**	**6674**	**5392**	**6329**	**4535**	**3591**	**3803**	**6466**	**7197**	**6505**	**10401**	**7329**	**6223**

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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**	30651	30651	27464	28204	31300	34518	34419	32574	29892	28316	28316	26687	29636	31771
2	Federal Agency	156	156	146	170	197	227	225	201	209	184	184	166	171	172
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2707	2707	2532	2580	2812	3248	3224	3003	2762	2742	2742	2678	2731	2885
5	Municipality	3536	3536	3349	3802	4366	4669	4649	4455	4033	3836	3836	3336	3400	3584
6	Public Utility District	5703	5703	5372	5952	6917	7659	7465	7044	6329	6087	6087	5537	5520	5823
7	Investor-Owned Utility	16925	16925	14544	14200	15866	17460	17842	16584	15170	14038	14038	13417	16199	17604
8	Marketer	444	444	424	421	427	438	446	433	427	414	414	416	436	454
9	Direct-Service Industry	508	508	508	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2179	2179	2022	1923	1560	1558	1559	1687	1676	1559	1567	1406	1912	1946
11	Canada	1461	1461	1307	1539	1307	1307	1307	1436	1423	1307	1307	1307	1307	1339
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	698	698	698	367	234	231	231	231	234	234	242	82.6	586	586
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-966	-945	-943	-887	-344	-881	-344	-701	-854	-697	-942	-1011	-941	-671
17		-966	-945	-943	-887	-344	-881	-344	-701	-854	-697	-942	-1011	-941	-671
18	**Total Firm Loads**	**31864**	**31885**	**28544**	**29240**	**32516**	**35195**	**35634**	**33561**	**30715**	**29178**	**28940**	**27083**	**30607**	**33046**
	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**	23777	22690	20556	20109	23786	24837	24065	22129	24969	21824	21491	26713	25810	24747
30	Regulated Hydro - Net	22269	21183	18978	18598	22322	23446	22730	20885	23465	20035	19687	24723	23773	23120
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16397	16396	16410	16491	16578	16649	16651	16611	15925	14566	14037	14326	15889	16468
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	2574	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5665	5748	5876	5942	5949	5904	5853	5622	5622	4573	5071	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	5834	5304	6416	7244	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	79.0	79.0	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	84.1	84.4	83.5	83.6	83.9	85.0	85.4	85.1	83.7	83.8	83.5	85.7	83.5	82.8
39	**Imports**	1921	1921	1667	1536	1874	2289	2027	2055	1709	1523	1523	1497	1761	1849
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	396	396	375	375	417	479	473	469	422	365	365	367	401	415
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	381	402	402	402	102	68.1	68.1	0	0	0
44	Other	487	487	487	413	413	413	413	413	413	413	413	413	413	413
45	**Reserves & Losses**	-4250	-4182	-3974	-3975	-4317	-4492	-4434	-4263	-4317	-3995	-3957	-4211	-4430	-4464
46	Contingency Reserves (Non-Spinning)	-952	-936	-857	-865	-971	-1035	-1023	-968	-961	-876	-871	-907	-959	-983
47	Contingency Reserves (Spinning)	-952	-936	-857	-865	-971	-1035	-1023	-968	-961	-876	-871	-907	-959	-983

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-478	-478	-484	-485	-485	-485	-485	-485	-488	-488	-488	-488	-522	-522
49	Load Following Reserves	-555	-555	-574	-576	-576	-576	-576	-576	-580	-580	-580	-580	-638	-638
50	Transmission Losses	-1312	-1276	-1201	-1184	-1314	-1362	-1328	-1266	-1327	-1176	-1147	-1328	-1353	-1338
51	**Total Resources**	**37845**	**36824**	**34659**	**34161**	**37921**	**39282**	**38309**	**36532**	**38286**	**33918**	**33095**	**38326**	**39030**	**38600**
52	**Total Surplus/Deficit**	**5981**	**4939**	**6102**	**4921**	**5405**	**4086**	**2670**	**2948**	**7517**	**4707**	**4121**	**11243**	**8423**	**5553**

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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**	31226	31226	27929	28613	31725	35000	34914	33082	30305	28720	28720	27094	30133	32316
2	Federal Agency	157	157	147	171	199	229	240	223	223	198	198	179	185	185
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2771	2771	2590	2634	2867	3310	3283	3080	2815	2800	2800	2739	2794	2953
5	Municipality	3564	3564	3375	3831	4399	4702	4680	4508	4061	3865	3865	3365	3430	3615
6	Public Utility District	5760	5760	5414	6006	6957	7717	7520	7107	6376	6141	6141	5590	5578	5886
7	Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973
8	Marketer	447	447	426	423	428	440	448	435	429	416	416	418	438	456
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2068	2068	1911	1811	1545	1543	1544	1672	1661	1544	1552	1406	1912	1946
11	Canada	1461	1461	1307	1539	1307	1307	1307	1436	1423	1307	1307	1307	1307	1339
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	586	586	586	255	219	216	216	216	219	219	226	82.6	586	586
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-851	-1096	-934	-791	-573	-853	-392	-769	-861	-644	-953	-1053	-905	-663
17		-851	-1096	-934	-791	-573	-853	-392	-769	-861	-644	-953	-1053	-905	-663
18	**Total Firm Loads**	**32443**	**32198**	**28906**	**29634**	**32696**	**35690**	**36066**	**33985**	**31105**	**29620**	**29318**	**27447**	**31140**	**33599**
	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**	23589	22555	20698	20346	24630	24876	24172	22335	24562	22062	21606	27083	25600	25027
30	Regulated Hydro - Net	22081	21048	19119	18835	23165	23485	22837	21090	23058	20273	19801	25093	23562	23400
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16397	16396	16406	16465	16576	16644	16650	16610	15924	15344	14873	13138	14656	16467
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5661	5722	5874	5938	5949	5904	5853	5707	5707	4623	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	6056	6056	5132	5960	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	126	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	84.1	84.4	83.5	83.6	83.9	85.0	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	1818	1818	1562	1722	2043	2459	2196	2226	1879	1692	1692	1723	1992	2081
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	399	399	378	377	420	481	475	473	424	367	367	369	404	418
42	Inland Southwest	739	739	624	565	563	643	587	586	562	533	533	574	808	884
43	Pacific Southwest	0	0	0	0	325	346	346	346	46.0	12.0	12.0	0	0	0
44	Other	413	413	413	633	633	633	633	633	633	633	633	633	633	633
45	**Reserves & Losses**	-4370	-4306	-4088	-4101	-4482	-4609	-4556	-4391	-4402	-4162	-4105	-4245	-4422	-4591
46	Contingency Reserves (Non-Spinning)	-956	-941	-865	-873	-988	-1041	-1030	-977	-959	-892	-878	-886	-929	-994
47	Contingency Reserves (Spinning)	-956	-941	-865	-873	-988	-1041	-1030	-977	-959	-892	-878	-886	-929	-994

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-522	-522	-522	-523	-523	-523	-523	-523	-525	-525	-525	-525	-567	-567
49	Load Following Reserves	-638	-638	-638	-639	-639	-639	-639	-639	-642	-642	-642	-642	-686	-686
50	Transmission Losses	-1298	-1264	-1198	-1193	-1344	-1365	-1333	-1275	-1316	-1211	-1181	-1307	-1311	-1351
51	**Total Resources**	**37435**	**36464**	**34577**	**34433**	**38766**	**39371**	**38462**	**36780**	**37963**	**34936**	**34066**	**37700**	**37825**	**38984**
52	**Total Surplus/Deficit**	**4993**	**4266**	**5657**	**4799**	**6070**	**3680**	**2392**	**2772**	**6804**	**5283**	**4714**	**10253**	**6686**	**5384**

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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**	31758	31758	28367	28997	32128	35441	35359	33492	30681	29094	29094	27470	30578	32801
2	Federal Agency	171	171	160	183	210	241	246	228	229	203	203	184	190	190
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2837	2837	2650	2689	2921	3372	3345	3137	2870	2859	2859	2799	2854	3019
5	Municipality	3595	3595	3405	3856	4427	4730	4707	4536	4087	3891	3891	3390	3456	3642
6	Public Utility District	5823	5823	5472	6071	7018	7785	7586	7170	6434	6206	6206	5654	5641	5952
7	Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292
8	Marketer	448	448	427	424	430	441	450	436	430	417	417	419	440	458
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2065	2065	1908	1809	1542	1543	1544	1672	1659	1541	1549	1404	1850	1884
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	567	567	567	236	199	199	199	199	199	199	207	62.8	507	507
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-859	-1123	-947	-842	-523	-901	-801	-815	-799	-799	-890	-974	-1072	-719
17		-859	-1123	-947	-842	-523	-901	-801	-815	-799	-799	-890	-974	-1072	-719
18	**Total Firm Loads**	**32965**	**32701**	**29328**	**29964**	**33147**	**36084**	**36102**	**34349**	**31541**	**29837**	**29753**	**27900**	**31356**	**33966**
	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**	23737	22631	20870	20472	24627	24933	24193	22439	23085	22192	21680	27048	25848	24988
30	Regulated Hydro - Net	22229	21124	19292	18961	23162	23542	22858	21194	21581	20403	19875	25058	23810	23361
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16396	16395	16405	16488	16575	16643	16650	16610	15924	16532	16061	13222	15739	16467
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5661	5746	5874	5938	5949	5904	5853	5707	5707	4623	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	7244	7244	5216	7090	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	2048	2048	1788	1625	1945	2362	2098	2128	1781	1594	1594	1626	1900	1989
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	401	401	380	379	422	483	477	475	426	369	369	371	406	420
42	Inland Southwest	747	747	628	569	566	647	590	589	565	536	536	578	817	893
43	Pacific Southwest	0	0	0	0	325	346	346	346	46.0	12.0	12.0	0	0	0
44	Other	633	633	633	530	530	530	530	530	530	530	530	530	530	530
45	**Reserves & Losses**	-4488	-4420	-4205	-4204	-4576	-4708	-4652	-4492	-4399	-4317	-4256	-4452	-4623	-4677
46	Contingency Reserves (Non-Spinning)	-965	-948	-872	-879	-993	-1047	-1036	-983	-942	-908	-893	-911	-970	-999
47	Contingency Reserves (Spinning)	-965	-948	-872	-879	-993	-1047	-1036	-983	-942	-908	-893	-911	-970	-999

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-567	-567	-567	-567	-567	-567	-567	-567	-567	-567	-567	-612	-614	-614
49	Load Following Reserves	-686	-686	-686	-687	-687	-687	-687	-687	-687	-687	-687	-719	-721	-721
50	Transmission Losses	-1307	-1270	-1208	-1192	-1337	-1360	-1327	-1272	-1261	-1248	-1216	-1298	-1347	-1344
51	**Total Resources**	**37694**	**36655**	**34857**	**34381**	**38570**	**39230**	**38288**	**36685**	**36390**	**36001**	**35079**	**37444**	**38863**	**38766**
52	**Total Surplus/Deficit**	**4729**	**3954**	**5515**	**4417**	**5423**	**3146**	**2183**	**2313**	**4795**	**6130**	**5292**	**9544**	**7507**	**4800**

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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**	32240	32240	28754	29347	32502	35851	35770	33867	31044	29447	29447	27822	31002	33269
2	Federal Agency	175	175	165	188	214	245	251	234	233	207	207	189	194	194
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2901	2901	2709	2747	2979	3438	3410	3191	2928	2921	2921	2863	2919	3089
5	Municipality	3621	3621	3431	3883	4455	4758	4734	4561	4113	3916	3916	3415	3482	3668
6	Public Utility District	5888	5888	5528	6123	7078	7850	7649	7221	6487	6264	6264	5714	5704	6018
7	Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592
8	Marketer	450	450	429	426	431	443	451	438	432	418	418	420	441	460
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2005	2005	1848	1780	1542	1543	1544	1672	1659	1541	1549	1404	1850	1884
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	507	507	507	207	199	199	199	199	199	199	207	62.8	507	507
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-916	-1145	-1020	-931	-612	-894	-723	-829	-830	-760	-978	-994	-1012	-705
17		-916	-1145	-1020	-931	-612	-894	-723	-829	-830	-760	-978	-994	-1012	-705
18	**Total Firm Loads**	**33329**	**33101**	**29583**	**30196**	**33432**	**36500**	**36592**	**34711**	**31873**	**30229**	**30019**	**28232**	**31840**	**34449**
	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**	23825	22966	21083	20352	24527	25176	24392	22581	23088	22227	21736	26989	25646	24982
30	Regulated Hydro - Net	22317	21459	19505	18841	23063	23785	23056	21336	21584	20439	19931	24999	23608	23355
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16396	16395	16381	16528	16579	16648	16650	16610	15926	15239	15245	12741	14762	16465
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	2574	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5637	5786	5878	5942	5949	5904	5853	5626	5626	4739	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	6504	6504	4616	6114	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	399	327	244	185	174	166	178	216	327	341	464	481	472
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	1955	1955	1690	1773	2067	2463	2200	2230	1883	1730	1730	1774	2053	2144
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	404	404	382	381	424	485	479	477	428	371	371	373	409	422
42	Inland Southwest	755	755	632	573	569	650	594	593	569	540	540	582	826	903
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
44	Other	530	530	530	672	672	672	672	672	672	672	672	672	672	672
45	**Reserves & Losses**	-4593	-4540	-4314	-4302	-4673	-4826	-4768	-4603	-4509	-4370	-4341	-4410	-4551	-4740
46	Contingency Reserves (Non-Spinning)	-971	-959	-879	-882	-996	-1055	-1043	-990	-946	-904	-897	-884	-940	-1005
47	Contingency Reserves (Spinning)	-971	-959	-879	-882	-996	-1055	-1043	-990	-946	-904	-897	-884	-940	-1005

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-622	-622	-622	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
49	Load Following Reserves	-726	-726	-726	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
50	Transmission Losses	-1303	-1275	-1208	-1191	-1334	-1368	-1334	-1276	-1261	-1207	-1191	-1286	-1314	-1347
51	**Total Resources**	**37584**	**36776**	**34841**	**34352**	**38501**	**39461**	**38474**	**36818**	**36388**	**34826**	**34370**	**37094**	**37910**	**38851**
52	**Total Surplus/Deficit**	**4255**	**3675**	**5244**	**4156**	**5069**	**2960**	**1879**	**2085**	**4461**	**4563**	**4317**	**8862**	**6069**	**4402**

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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**	32700	32700	29121	29696	32877	36268	36176	34202	31399	29794	29794	28171	31429	33726
2	Federal Agency	179	179	169	192	217	249	254	228	236	210	210	191	197	197
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	2969	2969	2772	2807	3040	3505	3469	3232	2982	2979	2979	2923	2981	3157
5	Municipality	3647	3647	3456	3906	4480	4784	4759	4562	4137	3939	3939	3438	3506	3692
6	Public Utility District	5954	5954	5579	6177	7136	7914	7712	7279	6541	6317	6317	5775	5767	6075
7	Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896
8	Marketer	451	451	430	427	433	444	453	439	433	420	420	421	443	461
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2005	2005	1848	1780	1542	1543	1544	1672	1659	1541	1549	1404	1850	1884
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	507	507	507	207	199	199	199	199	199	199	207	62.8	507	507
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-991	-1105	-1015	-1003	-525	-975	-837	-773	-806	-887	-1102	-1109	-1112	-635
17		-991	-1105	-1015	-1003	-525	-975	-837	-773	-806	-887	-1102	-1109	-1112	-635
18	**Total Firm Loads**	**33715**	**33600**	**29955**	**30473**	**33893**	**36837**	**36883**	**35102**	**32251**	**30448**	**30241**	**28466**	**32167**	**34976**
	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**	23915	22881	21140	20551	24181	25212	24384	22525	23550	22403	21793	27011	25869	24928
30	Regulated Hydro - Net	22406	21374	19562	19040	22717	23821	23049	21280	22046	20615	19989	25021	23831	23301
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16396	16394	16377	16524	16576	16648	16650	16610	15924	15933	14932	13112	15786	16467
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5637	5784	5876	5942	5949	5904	5853	5626	5626	4667	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	7244	7244	7244	7244	6726	6196	5062	7090	7244
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	126	126
37	Small Hydro	401	398	323	242	184	174	166	177	213	327	336	462	481	473
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	2107	2107	1839	1668	1962	2358	2095	2123	1778	1625	1625	1669	1954	2046
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	406	406	384	383	426	487	482	478	431	373	373	376	411	425
42	Inland Southwest	763	763	636	576	572	653	597	596	572	543	543	585	835	913
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
44	Other	672	672	672	562	562	562	562	562	562	562	562	562	562	562
45	**Reserves & Losses**	-4650	-4586	-4366	-4320	-4659	-4836	-4775	-4603	-4542	-4422	-4337	-4489	-4670	-4746
46	Contingency Reserves (Non-Spinning)	-979	-964	-885	-889	-996	-1062	-1049	-992	-957	-917	-901	-920	-982	-1011
47	Contingency Reserves (Spinning)	-979	-964	-885	-889	-996	-1062	-1049	-992	-957	-917	-901	-920	-982	-1011

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
49	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
50	Transmission Losses	-1309	-1275	-1213	-1193	-1319	-1365	-1329	-1270	-1272	-1232	-1179	-1293	-1350	-1341
51	**Total Resources**	**37768**	**36796**	**34990**	**34423**	**38061**	**39381**	**38354**	**36655**	**36710**	**35539**	**34013**	**37303**	**38938**	**38695**
52	**Total Surplus/Deficit**	**4053**	**3196**	**5021**	**3950**	**4167**	**2545**	**1467**	**1530**	**4405**	**5057**	**3738**	**8837**	**6771**	**3719**

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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**	33157	33157	29488	30049	33255	36683	36602	34668	31775	30155	30155	28542	31874	34202
2	Federal Agency	182	182	171	194	219	252	256	238	238	212	212	193	199	199
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	3034	3034	2832	2863	3096	3566	3538	3323	3046	3048	3048	2994	3055	3237
5	Municipality	3672	3672	3479	3935	4510	4815	4788	4615	4164	3966	3966	3465	3532	3719
6	Public Utility District	6020	6020	5632	6230	7196	7981	7775	7349	6597	6373	6373	5838	5832	6136
7	Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199
8	Marketer	453	453	432	428	434	446	454	441	434	421	421	423	444	463
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	2005	2005	1848	1780	1542	1543	1544	1672	1659	1541	1549	1404	1850	1884
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	507	507	507	207	199	199	199	199	199	199	207	62.8	507	507
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-870	-1213	-1129	-1000	-577	-957	-652	-708	-792	-782	-1143	-1002	-1125	-766
17		-870	-1213	-1129	-1000	-577	-957	-652	-708	-792	-782	-1143	-1002	-1125	-766
18	**Total Firm Loads**	**34292**	**33949**	**30207**	**30829**	**34221**	**37270**	**37494**	**35633**	**32642**	**30914**	**30561**	**28943**	**32599**	**35319**
	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**	24069	23031	21377	20451	24219	25271	24249	22798	23591	22467	21671	26995	26031	24893
30	Regulated Hydro - Net	22561	21524	19799	18940	22754	23880	22914	21553	22087	20679	19867	25005	23993	23266
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	16396	16395	16409	16526	16577	15977	15400	15360	14674	15201	14730	11996	13359	15217
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5665	5784	5876	5942	5949	5904	5853	5626	5626	4667	5075	5599
35	Large Thermal Resources	7244	7244	7244	7244	7244	6574	5994	5994	5994	5994	5994	3946	4710	5994
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	399	327	244	185	174	166	177	213	327	336	461	481	473
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	2007	2007	1734	1880	2173	2570	2307	2336	1990	1837	1837	1881	2170	2263
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	408	408	386	385	428	489	484	482	433	375	375	377	413	427
42	Inland Southwest	771	771	640	580	575	657	600	599	576	547	547	589	843	922
43	Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
44	Other	562	562	562	768	768	768	768	768	768	768	768	768	768	768
45	**Reserves & Losses**	-4669	-4605	-4389	-4328	-4676	-4815	-4706	-4563	-4484	-4383	-4305	-4386	-4518	-4687
46	Contingency Reserves (Non-Spinning)	-988	-973	-894	-892	-1001	-1058	-1034	-985	-944	-905	-886	-883	-939	-999
47	Contingency Reserves (Spinning)	-988	-973	-894	-892	-1001	-1058	-1034	-985	-944	-905	-886	-883	-939	-999

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
49	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
50	Transmission Losses	-1310	-1277	-1218	-1197	-1327	-1352	-1291	-1245	-1240	-1217	-1176	-1265	-1284	-1306
51	**Total Resources**	**37804**	**36829**	**35131**	**34528**	**38292**	**39003**	**37249**	**35932**	**35770**	**35122**	**33933**	**36486**	**37041**	**37685**
52	**Total Surplus/Deficit**	**3511**	**2880**	**4910**	**3699**	**4072**	**1733**	**-249**	**276**	**3074**	**4174**	**3338**	**7542**	**4441**	**2366**

Regional Report Surplus Deficit

Operating Year: 2022 Water Year: 1937

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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**	33633	33633	29874	30413	33643	37102	37000	35042	32129	30490	30490	28876	32278	34646
2	Federal Agency	184	184	173	196	221	254	258	240	240	213	213	194	200	200
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	3112	3112	2907	2934	3168	3642	3590	3370	3092	3094	3094	3040	3100	3284
5	Municipality	3699	3699	3506	3960	4537	4843	4815	4642	4189	3991	3991	3489	3558	3745
6	Public Utility District	6085	6085	5684	6280	7252	8043	7835	7406	6650	6425	6425	5894	5888	6193
7	Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510
8	Marketer	454	454	433	430	435	447	456	442	436	422	422	424	446	465
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	1950	1950	1793	1725	1487	1488	1489	1617	1604	1486	1494	1349	1795	1829
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	452	452	452	152	144	144	144	144	144	144	152	7.81	452	452
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-944	-1188	-1075	-966	-540	-951	-755	-695	-888	-892	-1161	-1037	-1191	-789
17		-944	-1188	-1075	-966	-540	-951	-755	-695	-888	-892	-1161	-1037	-1191	-789
18	**Total Firm Loads**	**34639**	**34395**	**30592**	**31172**	**34590**	**37639**	**37734**	**35965**	**32845**	**31084**	**30823**	**29188**	**32882**	**35687**
	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**	24045	23007	21337	20535	24166	25197	24368	22510	23534	22387	21777	27016	25853	24912
30	Regulated Hydro - Net	22537	21500	19758	19024	22701	23806	23033	21265	22030	20598	19972	25026	23815	23285
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	15146	15145	15113	15276	15327	15397	15400	15360	14674	13989	13460	13796	14642	15217
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	2574	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5619	5784	5876	5942	5949	5904	5853	5626	5626	4667	5075	5599
35	Large Thermal Resources	5994	5994	5994	5994	5994	5994	5994	5994	5994	5254	4724	5746	5994	5994
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	400	327	244	185	174	166	177	213	327	336	461	481	473
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	2223	2223	1946	1776	2068	2466	2203	2232	1886	1731	1731	1777	2071	2165
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	410	410	388	387	430	492	486	484	435	377	377	379	415	429
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
44	Other	768	768	768	658	658	658	658	658	658	658	658	658	658	658
45	**Reserves & Losses**	-4611	-4547	-4324	-4263	-4603	-4782	-4721	-4552	-4487	-4330	-4275	-4536	-4622	-4697
46	Contingency Reserves (Non-Spinning)	-976	-961	-880	-880	-987	-1054	-1041	-986	-949	-901	-893	-930	-975	-1006
47	Contingency Reserves (Spinning)	-976	-961	-880	-880	-987	-1054	-1041	-986	-949	-901	-893	-930	-975	-1006

Regional Report Surplus Deficit

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
49	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
50	Transmission Losses	-1276	-1242	-1181	-1155	-1281	-1327	-1291	-1232	-1234	-1171	-1133	-1319	-1315	-1303
51	**Total Resources**	**36804**	**35829**	**34071**	**33324**	**36958**	**38278**	**37249**	**35550**	**35606**	**33778**	**32694**	**38053**	**37944**	**37597**
52	**Total Surplus/Deficit**	**2165**	**1434**	**3465**	**2152**	**2368**	**638**	**-488**	**-437**	**2707**	**2659**	**1837**	**8865**	**5062**	**1910**

Regional Report Surplus Deficit

Operating Year: 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

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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**	34076	34076	30227	30751	34006	37500	37394	35392	32472	30819	30819	29205	32677	35087
2	Federal Agency	185	185	174	197	223	256	260	243	236	214	214	196	202	202
3	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
4	Cooperative	3158	3158	2950	2979	3215	3696	3631	3400	3128	3131	3131	3076	3136	3323
5	Municipality	3725	3725	3531	3985	4564	4870	4841	4667	4217	4015	4015	3514	3583	3771
6	Public Utility District	6150	6150	5736	6335	7312	8109	7899	7457	6706	6480	6480	5949	5945	6254
7	Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823
8	Marketer	456	456	434	431	437	449	458	444	437	424	424	425	447	466
9	Direct-Service Industry	553	553	553	553	553	553	553	553	553	553	553	553	553	553
10	**Exports**	1950	1950	1793	1725	1487	1488	1489	1617	1604	1486	1494	1349	1795	1829
11	Canada	1479	1479	1324	1556	1324	1324	1324	1453	1440	1324	1324	1324	1324	1357
12	East Continental Divide	19.8	19.8	17.3	17.1	19.1	20.1	20.9	20.1	19.5	18.3	18.3	17.0	18.8	20.5
13	Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Pacific Southwest	452	452	452	152	144	144	144	144	144	144	152	7.81	452	452
15	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	**Federal Diversity**	-998	-1370	-1134	-983	-646	-871	-639	-658	-874	-832	-1201	-1058	-1149	-769
17		-998	-1370	-1134	-983	-646	-871	-639	-658	-874	-832	-1201	-1058	-1149	-769
18	**Total Firm Loads**	**35029**	**34657**	**30886**	**31494**	**34847**	**38118**	**38244**	**36351**	**33202**	**31474**	**31112**	**29496**	**33323**	**36147**
	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**	24054	23016	21361	20434	24202	25276	24255	22803	23595	22452	21656	27019	26036	24898
30	Regulated Hydro - Net	22545	21508	19782	18923	22738	23885	22919	21558	22091	20663	19851	25029	23998	23270
31	Independent Hydro - Net	1508	1507	1579	1511	1464	1391	1335	1245	1504	1789	1805	1990	2038	1627
32	**Other Resources**	15146	15145	15159	15242	15329	15397	15400	15360	14674	14013	13542	12539	13359	15217
33	Cogeneration Resources	2941	2941	2964	3045	3063	3077	3080	3074	2406	3046	2566	2711	2932	2944
34	Combustion Turbine Resources	5602	5602	5665	5750	5878	5942	5949	5904	5853	5626	5626	4693	5075	5599
35	Large Thermal Resources	5994	5994	5994	5994	5994	5994	5994	5994	5994	4806	4806	4462	4710	5994
36	Renewable Resources	126	127	127	127	127	127	127	127	126	126	126	126	79.0	126
37	Small Hydro	401	400	327	244	185	174	166	177	213	327	336	461	481	473
38	Small Thermal & Miscellaneous	83.0	83.3	82.4	82.5	82.8	83.9	84.3	84.0	82.6	82.7	82.4	84.6	82.4	81.7
39	**Imports**	2124	2124	1842	1955	2246	2645	2381	2411	2064	1911	1911	1956	2255	2351
40	Canada	266	266	146	147	102	356	155	188	213	147	147	147	146	146
41	East of Continental Divide	412	412	390	389	432	494	488	486	437	379	379	381	417	431
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
44	Other	658	658	658	831	831	831	831	831	831	831	831	831	831	831
45	**Reserves & Losses**	-4620	-4556	-4335	-4270	-4622	-4804	-4731	-4586	-4507	-4344	-4266	-4446	-4544	-4715
46	Contingency Reserves (Non-Spinning)	-982	-967	-886	-883	-993	-1061	-1045	-995	-954	-904	-886	-903	-951	-1012
47	Contingency Reserves (Spinning)	-982	-967	-886	-883	-993	-1061	-1045	-995	-954	-904	-886	-903	-951	-1012

Regional Report Surplus Deficit

Operating Year: 2023 Water Year: 1937

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	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
48	Generation Imbalance Reserves	-644	-644	-644	-622	-622	-622	-622	-622	-628	-628	-628	-628	-627	-644
49	Load Following Reserves	-739	-739	-739	-726	-726	-726	-726	-726	-728	-728	-728	-728	-730	-739
50	Transmission Losses	-1272	-1238	-1179	-1156	-1288	-1335	-1293	-1247	-1242	-1180	-1138	-1285	-1286	-1308
51	**Total Resources**	**36704**	**35729**	**34027**	**33362**	**37157**	**38514**	**37304**	**35988**	**35826**	**34031**	**32843**	**37068**	**37105**	**37750**
52	**Total Surplus/Deficit**	**1675**	**1072**	**3126**	**1868**	**2310**	**396**	**-943**	**-386**	**2571**	**2523**	**1696**	**7572**	**3783**	**1603**

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

Monthly 1-Hour Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

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

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

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	1Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4340**	**4340**	**4163**	**4441**	**4997**	**5687**	**5644**	**5323**	**4863**	**4679**	**4679**	**4304**	**4293**	**4517**
4	Cooperative	2566	2566	2404	2432	2666	3102	3065	2869	2613	2580	2580	2511	2559	2704
5	Municipality	830	830	790	814	951	1038	1019	979	878	819	819	755	771	843
6	Public Utility District	803	803	839	1041	1195	1333	1347	1279	1175	1112	1112	887	807	813
7	Federal Entities	141	141	131	154	185	214	213	196	197	169	169	151	155	157
8	**Slice Right to Power**	**2740**	**2424**	**2227**	**2141**	**2967**	**3154**	**2793**	**2401**	**2789**	**2433**	**2437**	**3570**	**3107**	**3002**
9	Municipality	914	808	742	714	989	1052	931	800	930	811	812	1190	1036	1001
10	Public Utility District	1826	1616	1484	1427	1978	2102	1861	1600	1859	1621	1624	2379	2071	2001
11	**Tier 1 Block**	**1636**	**1636**	**1716**	**1655**	**2046**	**2274**	**2310**	**2137**	**1989**	**1663**	**1663**	**1454**	**1351**	**1592**
12	Municipality	488	488	613	547	758	827	858	813	778	541	541	359	287	462
13	Public Utility District	1148	1148	1102	1108	1288	1447	1452	1324	1211	1122	1122	1094	1063	1130
14	**USBR Obligation**	**671**	**671**	**589**	**529**	**162**	**264**	**14.9**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	671	671	589	529	162	264	14.9	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2566	2566	2404	2432	2666	3102	3065	2869	2613	2580	2580	2511	2559	2704
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	141	141	131	154	185	214	213	196	197	169	169	151	155	157
19	Municipality	2232	2126	2145	2074	2699	2917	2808	2593	2587	2171	2172	2305	2095	2307
20	Public Utility District	3777	3567	3426	3576	4460	4883	4661	4204	4245	3855	3858	4360	3941	3944
21	USBR	671	671	589	529	162	264	14.9	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9702**	**9386**	**9010**	**9081**	**10488**	**11696**	**11077**	**10479**	**10367**	**9553**	**9557**	**10227**	**9693**	**10123**

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

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4390**	**4390**	**4208**	**4504**	**5062**	**5752**	**5706**	**5378**	**4919**	**4737**	**4737**	**4362**	**4356**	**4584**
4	Cooperative	2595	2595	2429	2473	2706	3142	3103	2900	2647	2617	2617	2550	2601	2751
5	Municipality	841	841	799	827	966	1054	1032	992	890	830	830	766	783	856
6	Public Utility District	811	811	847	1048	1202	1341	1355	1287	1182	1119	1119	893	813	819
7	Federal Entities	142	142	132	156	187	216	216	199	200	171	171	153	158	159
8	**Slice Right to Power**	**2888**	**2600**	**2204**	**2048**	**2951**	**3164**	**2982**	**2502**	**2798**	**2469**	**2397**	**3338**	**2687**	**2924**
9	Municipality	963	867	735	683	984	1055	994	834	933	823	799	1113	896	975
10	Public Utility District	1925	1733	1469	1365	1967	2109	1988	1668	1865	1646	1598	2225	1791	1949
11	**Tier 1 Block**	**1593**	**1593**	**1661**	**1736**	**2147**	**2387**	**2424**	**2243**	**2088**	**1746**	**1746**	**1526**	**1419**	**1671**
12	Municipality	483	483	596	572	793	866	897	850	814	567	567	378	303	485
13	Public Utility District	1110	1110	1065	1164	1354	1521	1527	1393	1274	1179	1179	1149	1116	1186
14	**USBR Obligation**	**673**	**673**	**589**	**529**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	673	673	589	529	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2595	2595	2429	2473	2706	3142	3103	2900	2647	2617	2617	2550	2601	2751
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	142	142	132	156	187	216	216	199	200	171	171	153	158	159
19	Municipality	2288	2191	2131	2082	2743	2974	2923	2676	2637	2220	2196	2257	1982	2316
20	Public Utility District	3846	3654	3381	3577	4524	4971	4869	4348	4321	3943	3895	4267	3721	3954
21	USBR	673	673	589	529	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9861**	**9572**	**8979**	**9133**	**10637**	**11883**	**11442**	**10741**	**10530**	**9730**	**9658**	**10127**	**9405**	**10191**

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

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4455**	**4455**	**4268**	**4531**	**5090**	**5784**	**5745**	**5362**	**4951**	**4773**	**4773**	**4401**	**4396**	**4630**
4	Cooperative	2639	2639	2470	2482	2714	3151	3127	2906	2665	2640	2640	2575	2628	2782
5	Municipality	854	854	811	837	978	1066	1040	976	898	836	836	773	791	864
6	Public Utility District	817	817	853	1054	1208	1348	1361	1286	1188	1124	1124	898	818	824
7	Federal Entities	144	144	134	158	189	219	217	193	201	172	172	154	159	160
8	**Slice Right to Power**	**2869**	**2521**	**2061**	**2036**	**2918**	**3200**	**2951**	**2457**	**3209**	**2487**	**2410**	**3549**	**3106**	**2884**
9	Municipality	956	841	687	679	973	1067	984	819	1070	829	803	1183	1036	962
10	Public Utility District	1912	1681	1374	1357	1945	2133	1967	1638	2139	1658	1606	2366	2071	1923
11	**Tier 1 Block**	**1671**	**1671**	**1743**	**1684**	**2082**	**2315**	**2350**	**2100**	**2024**	**1693**	**1693**	**1481**	**1379**	**1621**
12	Municipality	507	507	624	548	759	829	859	786	779	543	543	361	290	464
13	Public Utility District	1165	1165	1119	1136	1323	1486	1492	1314	1245	1150	1150	1120	1089	1157
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2639	2639	2470	2482	2714	3151	3127	2906	2665	2640	2640	2575	2628	2782
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	144	144	134	158	189	219	217	193	201	172	172	154	159	160
19	Municipality	2317	2201	2122	2063	2710	2962	2883	2581	2747	2208	2183	2318	2116	2289
20	Public Utility District	3895	3663	3346	3547	4476	4967	4820	4238	4572	3932	3881	4384	3978	3904
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9984**	**9637**	**8978**	**9093**	**10567**	**11878**	**11378**	**10536**	**10910**	**9730**	**9653**	**10332**	**9824**	**10147**

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

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4499**	**4499**	**4305**	**4573**	**5134**	**5837**	**5806**	**5477**	**5004**	**4829**	**4829**	**4459**	**4458**	**4697**
4	Cooperative	2669	2669	2493	2507	2739	3183	3156	2952	2688	2668	2668	2606	2662	2821
5	Municipality	862	862	819	846	989	1078	1050	1009	907	845	845	782	800	874
6	Public Utility District	823	823	858	1060	1215	1355	1368	1300	1194	1130	1130	904	824	829
7	Federal Entities	146	146	135	160	191	220	232	215	215	186	186	167	173	173
8	**Slice Right to Power**	**2788**	**2455**	**2072**	**2067**	**3083**	**3162**	**2929**	**2461**	**3060**	**2506**	**2398**	**3336**	**2748**	**2926**
9	Municipality	930	819	691	689	1028	1054	977	821	1020	836	800	1112	916	976
10	Public Utility District	1858	1637	1381	1378	2055	2108	1953	1641	2040	1671	1598	2223	1832	1951
11	**Tier 1 Block**	**1621**	**1621**	**1690**	**1721**	**2128**	**2366**	**2403**	**2224**	**2070**	**1730**	**1730**	**1513**	**1409**	**1657**
12	Municipality	485	485	597	560	775	847	877	832	796	555	555	369	296	474
13	Public Utility District	1137	1137	1093	1161	1353	1519	1526	1392	1273	1175	1175	1144	1113	1182
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2669	2669	2493	2507	2739	3183	3156	2952	2688	2668	2668	2606	2662	2821
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	146	146	135	160	191	220	232	215	215	186	186	167	173	173
19	Municipality	2276	2165	2107	2095	2793	2979	2904	2662	2724	2236	2200	2264	2013	2324
20	Public Utility District	3817	3596	3332	3599	4623	4982	4846	4333	4507	3976	3904	4271	3768	3962
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**9896**	**9564**	**8973**	**9203**	**10823**	**11945**	**11470**	**10779**	**10859**	**9843**	**9735**	**10209**	**9558**	**10292**

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

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4564**	**4564**	**4363**	**4629**	**5190**	**5902**	**5865**	**5529**	**5054**	**4882**	**4882**	**4513**	**4512**	**4758**
4	Cooperative	2705	2705	2523	2540	2772	3224	3196	2987	2721	2705	2705	2645	2700	2865
5	Municipality	872	872	828	855	999	1088	1059	1018	915	853	853	790	809	883
6	Public Utility District	828	828	864	1063	1218	1358	1371	1303	1197	1133	1133	906	826	832
7	Federal Entities	159	159	148	172	202	233	238	220	221	191	191	172	178	178
8	**Slice Right to Power**	**2792**	**2441**	**2082**	**2080**	**3062**	**3156**	**2916**	**2468**	**2669**	**2515**	**2393**	**3569**	**3069**	**2898**
9	Municipality	931	814	694	693	1021	1052	972	823	890	839	798	1190	1023	966
10	Public Utility District	1861	1627	1388	1386	2041	2104	1943	1645	1779	1677	1595	2379	2046	1932
11	**Tier 1 Block**	**1657**	**1657**	**1727**	**1688**	**2089**	**2322**	**2359**	**2183**	**2031**	**1697**	**1697**	**1484**	**1382**	**1626**
12	Municipality	495	495	610	549	761	831	861	816	781	544	544	362	290	465
13	Public Utility District	1161	1161	1117	1139	1329	1492	1498	1367	1250	1153	1153	1122	1092	1161
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2705	2705	2523	2540	2772	3224	3196	2987	2721	2705	2705	2645	2700	2865
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	159	159	148	172	202	233	238	220	221	191	191	172	178	178
19	Municipality	2298	2181	2133	2097	2780	2971	2892	2657	2586	2236	2195	2342	2122	2314
20	Public Utility District	3850	3617	3369	3588	4588	4954	4813	4316	4226	3963	3881	4407	3963	3924
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**10001**	**9650**	**9078**	**9239**	**10819**	**11961**	**11470**	**10798**	**10480**	**9872**	**9750**	**10467**	**9906**	**10293**

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

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4621**	**4621**	**4416**	**4678**	**5241**	**5962**	**5922**	**5577**	**5103**	**4934**	**4934**	**4566**	**4567**	**4818**
4	Cooperative	2747	2747	2560	2570	2803	3262	3234	3015	2752	2740	2740	2681	2737	2908
5	Municipality	881	881	837	863	1008	1097	1068	1026	923	860	860	797	816	891
6	Public Utility District	830	830	866	1068	1224	1365	1378	1310	1203	1139	1139	911	831	837
7	Federal Entities	164	164	153	176	206	237	242	226	225	195	195	177	182	182
8	**Slice Right to Power**	**2798**	**2510**	**2121**	**2022**	**3082**	**3262**	**3010**	**2548**	**2676**	**2531**	**2414**	**3268**	**2733**	**2881**
9	Municipality	933	837	707	674	1028	1088	1004	850	892	844	805	1090	911	961
10	Public Utility District	1865	1673	1414	1348	2055	2174	2006	1698	1784	1687	1609	2178	1821	1921
11	**Tier 1 Block**	**1626**	**1626**	**1695**	**1724**	**2134**	**2372**	**2409**	**2230**	**2075**	**1733**	**1733**	**1516**	**1412**	**1660**
12	Municipality	486	486	599	561	777	848	879	834	798	556	556	370	297	475
13	Public Utility District	1140	1140	1097	1164	1357	1523	1530	1396	1277	1177	1177	1146	1115	1185
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2747	2747	2560	2570	2803	3262	3234	3015	2752	2740	2740	2681	2737	2908
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	164	164	153	176	206	237	242	226	225	195	195	177	182	182
19	Municipality	2299	2203	2143	2098	2813	3033	2950	2709	2613	2260	2221	2257	2024	2327
20	Public Utility District	3835	3643	3377	3580	4635	5063	4914	4404	4264	4003	3925	4235	3767	3942
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**10033**	**9745**	**9138**	**9266**	**10934**	**12175**	**11672**	**10972**	**10579**	**9976**	**9859**	**10251**	**9654**	**10371**

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

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4679**	**4679**	**4469**	**4734**	**5299**	**6027**	**5978**	**5574**	**5151**	**4986**	**4986**	**4620**	**4624**	**4881**
4	Cooperative	2787	2787	2596	2610	2844	3309	3273	3036	2785	2777	2777	2721	2779	2956
5	Municipality	889	889	844	869	1015	1104	1074	1008	928	865	865	803	823	897
6	Public Utility District	836	836	871	1075	1231	1372	1385	1310	1210	1146	1146	917	837	843
7	Federal Entities	168	168	157	180	209	241	246	220	228	198	198	179	185	185
8	**Slice Right to Power**	**2808**	**2476**	**2123**	**2073**	**2996**	**3272**	**3008**	**2535**	**2794**	**2576**	**2429**	**3550**	**3066**	**2868**
9	Municipality	936	825	708	691	999	1091	1003	845	931	859	810	1184	1022	956
10	Public Utility District	1871	1650	1415	1382	1997	2181	2005	1690	1862	1717	1619	2366	2044	1912
11	**Tier 1 Block**	**1660**	**1660**	**1731**	**1695**	**2097**	**2331**	**2368**	**2116**	**2039**	**1703**	**1703**	**1490**	**1387**	**1632**
12	Municipality	496	496	611	551	763	834	864	791	784	546	546	363	291	467
13	Public Utility District	1164	1164	1120	1144	1334	1497	1504	1325	1255	1157	1157	1126	1096	1165
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2787	2787	2596	2610	2844	3309	3273	3036	2785	2777	2777	2721	2779	2956
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	168	168	157	180	209	241	246	220	228	198	198	179	185	185
19	Municipality	2321	2211	2164	2111	2777	3029	2941	2644	2644	2270	2221	2350	2136	2321
20	Public Utility District	3871	3650	3406	3600	4562	5050	4895	4324	4327	4020	3922	4410	3976	3920
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**10136**	**9804**	**9228**	**9344**	**10869**	**12210**	**11685**	**10842**	**10709**	**10043**	**9896**	**10561**	**10020**	**10393**

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

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4739**	**4739**	**4523**	**4782**	**5348**	**6082**	**6039**	**5695**	**5206**	**5044**	**5044**	**4681**	**4687**	**4951**
4	Cooperative	2832	2832	2636	2640	2873	3343	3315	3100	2823	2819	2819	2766	2827	3009
5	Municipality	895	895	850	879	1027	1117	1084	1042	937	874	874	811	832	907
6	Public Utility District	842	842	877	1080	1237	1379	1392	1323	1216	1151	1151	922	842	848
7	Federal Entities	170	170	160	182	211	244	248	230	230	200	200	181	187	187
8	**Slice Right to Power**	**2847**	**2514**	**2183**	**2043**	**3000**	**3287**	**2975**	**2604**	**2805**	**2593**	**2400**	**3270**	**2832**	**2861**
9	Municipality	949	838	728	681	1000	1096	992	868	935	865	800	1090	944	954
10	Public Utility District	1898	1676	1455	1362	2000	2191	1983	1736	1870	1729	1600	2180	1887	1907
11	**Tier 1 Block**	**1632**	**1632**	**1702**	**1685**	**2085**	**2318**	**2355**	**2179**	**2028**	**1694**	**1694**	**1481**	**1379**	**1623**
12	Municipality	488	488	601	548	759	829	859	815	780	543	543	361	290	464
13	Public Utility District	1144	1144	1101	1137	1326	1489	1496	1365	1248	1151	1151	1120	1090	1158
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2832	2832	2636	2640	2873	3343	3315	3100	2823	2819	2819	2766	2827	3009
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	170	170	160	182	211	244	248	230	230	200	200	181	187	187
19	Municipality	2332	2221	2179	2108	2786	3041	2935	2725	2652	2282	2217	2263	2065	2325
20	Public Utility District	3884	3662	3433	3579	4563	5058	4870	4423	4333	4030	3901	4223	3819	3913
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**10207**	**9874**	**9314**	**9352**	**10911**	**12267**	**11700**	**11096**	**10763**	**10109**	**9915**	**10334**	**9841**	**10446**

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

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4807**	**4807**	**4587**	**4853**	**5421**	**6161**	**6091**	**5741**	**5251**	**5089**	**5089**	**4724**	**4729**	**4996**
4	Cooperative	2884	2884	2684	2696	2930	3404	3352	3131	2854	2851	2851	2797	2856	3041
5	Municipality	905	905	860	887	1035	1126	1092	1050	944	881	881	818	839	915
6	Public Utility District	847	847	882	1086	1243	1385	1398	1329	1221	1156	1156	927	846	853
7	Federal Entities	172	172	161	184	213	246	250	232	232	201	201	182	188	188
8	**Slice Right to Power**	**2842**	**2509**	**2174**	**2067**	**2989**	**3264**	**3000**	**2527**	**2788**	**2572**	**2425**	**3546**	**3061**	**2863**
9	Municipality	948	837	725	689	997	1088	1000	843	930	857	809	1182	1021	955
10	Public Utility District	1895	1672	1449	1378	1993	2175	2000	1685	1858	1714	1616	2364	2041	1909
11	**Tier 1 Block**	**1623**	**1623**	**1692**	**1686**	**2087**	**2320**	**2356**	**2181**	**2029**	**1695**	**1695**	**1482**	**1380**	**1624**
12	Municipality	485	485	598	548	760	830	860	815	780	543	543	362	290	464
13	Public Utility District	1138	1138	1095	1138	1327	1490	1497	1366	1249	1151	1151	1121	1090	1159
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2884	2884	2684	2696	2930	3404	3352	3131	2854	2851	2851	2797	2856	3041
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	172	172	161	184	213	246	250	232	232	201	201	182	188	188
19	Municipality	2337	2226	2182	2124	2792	3043	2952	2708	2654	2281	2232	2362	2149	2334
20	Public Utility District	3879	3657	3426	3602	4563	5051	4894	4379	4328	4022	3924	4412	3977	3920
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**10260**	**9927**	**9359**	**9449**	**10975**	**12324**	**11779**	**11067**	**10793**	**10133**	**9986**	**10654**	**10114**	**10495**

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

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Contract Total	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Pacific Northwest														
1	**DSI Obligation**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**	**316**
2	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
3	**Load Following**	**4851**	**4851**	**4628**	**4900**	**5472**	**6220**	**6137**	**5778**	**5284**	**5128**	**5128**	**4762**	**4767**	**5038**
4	Cooperative	2914	2914	2712	2729	2964	3446	3381	3150	2878	2876	2876	2821	2881	3068
5	Municipality	912	912	867	894	1044	1135	1100	1057	951	887	887	825	846	922
6	Public Utility District	851	851	887	1091	1249	1391	1404	1335	1227	1162	1162	932	851	858
7	Federal Entities	173	173	162	186	214	248	252	235	228	202	202	184	190	190
8	**Slice Right to Power**	**2842**	**2509**	**2178**	**2038**	**2995**	**3280**	**2968**	**2597**	**2800**	**2590**	**2396**	**3267**	**2828**	**2856**
9	Municipality	948	837	726	680	999	1094	990	866	934	863	799	1089	943	952
10	Public Utility District	1894	1672	1452	1359	1996	2186	1978	1731	1866	1726	1597	2178	1885	1904
11	**Tier 1 Block**	**1624**	**1624**	**1693**	**1686**	**2087**	**2320**	**2356**	**2181**	**2029**	**1695**	**1695**	**1482**	**1380**	**1624**
12	Municipality	485	485	598	548	760	830	860	815	780	543	543	362	290	464
13	Public Utility District	1139	1139	1095	1138	1327	1490	1497	1366	1249	1151	1151	1121	1090	1159
14	**USBR Obligation**	**672**	**672**	**589**	**526**	**161**	**264**	**14.8**	**301**	**409**	**462**	**462**	**585**	**627**	**696**
15	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
	Total Power Sales Contracts														
16	Cooperative	2914	2914	2712	2729	2964	3446	3381	3150	2878	2876	2876	2821	2881	3068
17	Direct Service Industry	316	316	316	316	316	316	316	316	316	316	316	316	316	316
18	Federal Entities	173	173	162	186	214	248	252	235	228	202	202	184	190	190
19	Municipality	2345	2234	2191	2122	2802	3058	2949	2739	2665	2294	2229	2276	2079	2339
20	Public Utility District	3884	3662	3434	3588	4572	5067	4879	4432	4342	4039	3910	4231	3826	3921
21	USBR	672	672	589	526	161	264	14.8	301	409	462	462	585	627	696
22	**Total Power Sales Contracts**	**10305**	**9972**	**9405**	**9467**	**11030**	**12399**	**11792**	**11173**	**10838**	**10190**	**9996**	**10413**	**9918**	**10529**

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Exhibit 22
Table A-7: Regional Regulated Hydro

Monthly 1-Hour Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-7: Regional: Regulated Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Idle Capacity Adjustment	-4476	-5805	-6463	-6048	-4229	-4005	-5743	-6932	-5173	-6435	-6486	-2291	-4849	-4461
2 Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3 Alder	37.1	30.5	28.0	0	0	4.45	45.0	35.0	33.3	33.0	40.0	46.8	51.4	52.0
4 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6 Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8 Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9 Chelan Lake	57.6	57.4	57.4	56.0	16.8	16.8	56.4	55.6	55.4	55.3	54.1	54.6	56.0	56.8
10 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11 Cushman 1	19.1	15.9	13.3	9.89	8.38	17.2	17.2	15.8	18.4	22.5	25.0	29.5	35.5	39.1
12 Cushman 2	88.0	88.0	0	0	0	4.94	88.0	4.94	3.63	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17 Grand Coulee	5059	5127	4518	4571	5154	5177	5340	5238	5081	4505	4451	4312	4819	5118
18 Hells Canyon	202	202	284	247	253	253	328	253	313	305	319	361	306	260
19 Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20 Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22 Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23 La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24 Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25 Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.8	32.5	34.9	35.0
26 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27 Long Lake	72.0	72.0	72.0	72.0	72.3	72.5	68.6	63.6	63.9	68.7	72.3	72.5	72.5	72.5
28 Lower Baker	66.9	57.0	0	0	0	0	57.1	54.5	54.6	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31 Mayfield	125	125	125	125	125	125	163	125	125	125	125	83.6	128	125
32 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33 Merwin	147	146	129	131	130	143	128	114	114	113	124	124	131	149
34 Monroe Street	5.78	5.98	14.5	7.46	7.48	10.8	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35 Mossyrock	378	378	369	365	327	317	254	159	177	212	251	0	378	378
36 Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37 North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38 Noxon Rapids	327	331	395	433	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42 Pelton Rereg	10.1	10.1	-4.45	11.1	10.1	9.83	8.70	9.83	9.46	14.9	10.5	11.0	10.7	11.2
43 Post Falls	13.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45 River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46 Rock Island	575	584	573	555	541	569	599	607	619	619	618	586	587	588
47 Rocky Reach	1301	1299	1154	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48 Ross	0	362	388	339	291	393	355	300	220	196	188	246	358	441
49 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50 Swift 1	263	263	209	155	227	188	162	140	152	158	0.23	233	265	268
51 Swift 2	62.1	62.1	59.8	47.5	70.0	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54 Upper Baker	96.2	96.2	95.7	101	95.5	93.8	89.2	80.3	61.3	12.2	0	102	103	102
55 Upper Falls	9.80	9.80	9.59	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56 Wanapum	672	664	661	661	706	669	661	661	661	661	661	675	674	674
57 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58 Yale	130	131	133	85.7	130	112	102	94.0	94.0	106	106	0	133	133
Total Regulated Hydro														
59 Federal Entities	12354	11110	10015	9973	12890	13773	12340	11245	12546	10839	10842	15185	13448	13399
60 Investor Owned Utilities	4253	4178	4114	4025	4262	4279	4409	4264	4263	4116	4004	4465	4593	4546
61 Marketer	897	872	815	799	823	846	872	872	865	843	868	859	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1711	2091	2170	2087	2006	1977	2083	1804	1727	1766	1764	1811	2310	2155
63	Public Utility District	2300	2299	2181	2153	2197	2200	2225	2217	2168	2173	2223	2307	2306	2297
64	**Total Regulated Hydro**	**21516**	**20550**	**19295**	**19036**	**22178**	**23074**	**21928**	**20402**	**21570**	**19736**	**19701**	**24627**	**23538**	**23289**

Table A-7: Regional: Regulated Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Idle Capacity Adjustment	-3830	-5029	-6371	-6202	-4050	-3827	-4890	-6374	-5010	-6131	-6475	-1916	-5242	-4604
2 Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3 Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6 Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8 Cabinet Gorge	202	169	170	187	238	238	238	238	238	238	238	238	239	238
9 Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11 Cushman 1	21.4	16.8	13.3	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12 Cushman 2	88.0	88.0	0	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17 Grand Coulee	5059	5103	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18 Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19 Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20 Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22 Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23 La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24 Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25 Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27 Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28 Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31 Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33 Merwin	147	146	146	123	114	129	128	113	113	113	124	124	131	149
34 Monroe Street	5.78	5.98	11.0	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35 Mossyrock	378	378	378	318	282	271	215	134	134	155	202	0	378	378
36 Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37 North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38 Noxon Rapids	327	331	394	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42 Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43 Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45 River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46 Rock Island	587	595	582	555	541	569	597	607	619	619	619	588	589	589
47 Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48 Ross	0	362	394	337	286	385	345	269	183	187	188	246	358	441
49 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50 Swift 1	263	263	259	0.26	209	187	162	140	140	146	0.23	233	265	268
51 Swift 2	62.1	62.1	64.7	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54 Upper Baker	96.2	96.2	0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55 Upper Falls	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56 Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58 Yale	130	131	128	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
Total Regulated Hydro														
59 Federal Entities	13000	11863	10097	9819	13058	14000	13274	11832	12768	11170	10861	15561	13055	13255
60 Investor Owned Utilities	4287	4221	4055	3734	4226	4265	4408	4262	4250	4085	3997	4464	4593	4546
61 Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1713	2092	2158	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2299	2298	2194	2101	2233	2199	2224	2216	2164	2131	2185	2267	2305	2297
64	**Total Regulated Hydro**	**22198**	**21346**	**19319**	**18507**	**22317**	**23242**	**22792**	**21011**	**21771**	**19919**	**19580**	**24956**	**23137**	**23141**

Table A-7: Regional: Regulated Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-3771	-5200	-6788	-6111	-4044	-3624	-4952	-6500	-3316	-6015	-6368	-2149	-4607	-4626
2	Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3	Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6	Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9	Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19	Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23	La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25	Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28	Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31	Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34	Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35	Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36	Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37	North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38	Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42	Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43	Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44	Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45	River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46	Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47	Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48	Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51	Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54	Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55	Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56	Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
	Total Regulated Hydro														
59	Federal Entities	13056	11685	9679	9911	13063	14203	13212	11706	14462	11286	10968	15328	13690	13234
60	Investor Owned Utilities	4287	4221	4135	3734	4226	4265	4408	4262	4250	4085	3997	4464	4593	4546
61	Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2299	2297	2191	2101	2233	2199	2224	2216	2164	2131	2185	2267	2305	2297
64	**Total Regulated Hydro**	**22269**	**21183**	**18978**	**18598**	**22322**	**23446**	**22730**	**20885**	**23465**	**20035**	**19687**	**24723**	**23773**	**23120**

Table A-7: Regional: Regulated Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Idle Capacity Adjustment	-3959	-5335	-6647	-5874	-3201	-3584	-4845	-6295	-3723	-5777	-6254	-1779	-4817	-4345
2 Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3 Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6 Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8 Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9 Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11 Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12 Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17 Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18 Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19 Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20 Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22 Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23 La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24 Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25 Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27 Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28 Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31 Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33 Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34 Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35 Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36 Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37 North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38 Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42 Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43 Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45 River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46 Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47 Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48 Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50 Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51 Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54 Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55 Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56 Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58 Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
Total Regulated Hydro														
59 Federal Entities	12868	11551	9821	10148	13906	14243	13319	11911	14055	11524	11082	15698	13480	13514
60 Investor Owned Utilities	4287	4221	4135	3734	4226	4265	4408	4262	4250	4085	3997	4464	4593	4546
61 Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2299	2297	2191	2101	2233	2199	2224	2216	2164	2131	2185	2267	2305	2297
64	**Total Regulated Hydro**	**22081**	**21048**	**19119**	**18835**	**23165**	**23485**	**22837**	**21090**	**23058**	**20273**	**19801**	**25093**	**23562**	**23400**

Table A-7: Regional: Regulated Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-3811	-5259	-6475	-5748	-3204	-3527	-4824	-6190	-5200	-5647	-6180	-1814	-4569	-4385
2	Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3	Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6	Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9	Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19	Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23	La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25	Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28	Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31	Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34	Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35	Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36	Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37	North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38	Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42	Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43	Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44	Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45	River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46	Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47	Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48	Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51	Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54	Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55	Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56	Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
	Total Regulated Hydro														
59	Federal Entities	13016	11627	9993	10274	13904	14299	13339	12016	12577	11654	11157	15662	13728	13475
60	Investor Owned Utilities	4287	4221	4135	3734	4226	4265	4408	4262	4250	4085	3997	4464	4593	4546
61	Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2299	2297	2191	2101	2233	2199	2224	2216	2164	2131	2185	2267	2305	2297
64	**Total Regulated Hydro**	**22229**	**21124**	**19292**	**18961**	**23162**	**23542**	**22858**	**21194**	**21581**	**20403**	**19875**	**25058**	**23810**	**23361**

Table A-7: Regional: Regulated Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-3723	-4924	-6261	-5868	-3303	-3284	-4626	-6049	-5197	-5611	-6124	-1873	-4771	-4390
2	Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3	Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6	Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9	Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19	Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23	La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25	Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28	Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31	Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34	Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35	Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36	Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37	North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38	Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42	Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43	Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44	Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45	River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46	Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47	Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48	Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51	Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54	Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55	Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56	Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
	Total Regulated Hydro														
59	Federal Entities	13104	11962	10206	10154	13804	14542	13538	12157	12581	11689	11212	15603	13526	13470
60	Investor Owned Utilities	4287	4221	3709	3275	3767	3807	3950	3807	3833	3665	3558	4005	4134	4101
61	Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2299	2297	2618	2559	2692	2658	2683	2671	2582	2552	2623	2726	2764	2742
64	**Total Regulated Hydro**	**22317**	**21459**	**19505**	**18841**	**23063**	**23785**	**23056**	**21336**	**21584**	**20439**	**19931**	**24999**	**23608**	**23355**

Table A-7: Regional: Regulated Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-3633	-5009	-6205	-5668	-3649	-3248	-4633	-6105	-4735	-5435	-6066	-1851	-4548	-4444
2	Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3	Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6	Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9	Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19	Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23	La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25	Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28	Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31	Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34	Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35	Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36	Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37	North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38	Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42	Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43	Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44	Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45	River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46	Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47	Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48	Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51	Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54	Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55	Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56	Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
	Total Regulated Hydro														
59	Federal Entities	13194	11877	10263	10353	13458	14578	13530	12101	13043	11865	11270	15625	13749	13416
60	Investor Owned Utilities	3828	3762	3709	3275	3767	3807	3950	3807	3833	3665	3558	4005	4134	4101
61	Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2758	2756	2618	2559	2692	2658	2683	2671	2582	2552	2623	2726	2764	2742
64	**Total Regulated Hydro**	**22406**	**21374**	**19562**	**19040**	**22717**	**23821**	**23049**	**21280**	**22046**	**20615**	**19989**	**25021**	**23831**	**23301**

Table A-7: Regional: Regulated Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Idle Capacity Adjustment	-3479	-4859	-5967	-5769	-3612	-3189	-4768	-5831	-4694	-5371	-6188	-1867	-4386	-4479
2 Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3 Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6 Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8 Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9 Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11 Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12 Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17 Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18 Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19 Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20 Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22 Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23 La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24 Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25 Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27 Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28 Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31 Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33 Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34 Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35 Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36 Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37 North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38 Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42 Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43 Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45 River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46 Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47 Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48 Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50 Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51 Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54 Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55 Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56 Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58 Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
Total Regulated Hydro														
59 Federal Entities	13348	12027	10500	10253	13495	14637	13395	12375	13083	11929	11148	15609	13911	13380
60 Investor Owned Utilities	3828	3762	3709	3275	3767	3807	3950	3807	3833	3665	3558	4005	4134	4101
61 Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2758	2756	2618	2559	2692	2658	2683	2671	2582	2552	2623	2726	2764	2742
64	**Total Regulated Hydro**	**22561**	**21524**	**19799**	**18940**	**22754**	**23880**	**22914**	**21553**	**22087**	**20679**	**19867**	**25005**	**23993**	**23266**

Table A-7: Regional: Regulated Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-3503	-4883	-6008	-5684	-3665	-3263	-4649	-6119	-4751	-5452	-6083	-1846	-4564	-4460
2	Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3	Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6	Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9	Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19	Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23	La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25	Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28	Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31	Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34	Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35	Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36	Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37	North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38	Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42	Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43	Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44	Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45	River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46	Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47	Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48	Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51	Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54	Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55	Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56	Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
	Total Regulated Hydro														
59	Federal Entities	13324	12003	10460	10337	13443	14563	13514	12087	13026	11849	11254	15631	13733	13400
60	Investor Owned Utilities	3828	3762	3709	3275	3767	3807	3950	3807	3833	3665	3558	4005	4134	4101
61	Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2758	2756	2618	2559	2692	2658	2683	2671	2582	2552	2623	2726	2764	2742
64	**Total Regulated Hydro**	**22537**	**21500**	**19758**	**19024**	**22701**	**23806**	**23033**	**21265**	**22030**	**20598**	**19972**	**25026**	**23815**	**23285**

Table A-7: Regional: Regulated Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
	Regulated Hydro														
1	Idle Capacity Adjustment	-3495	-4875	-5984	-5785	-3628	-3185	-4763	-5827	-4690	-5387	-6204	-1843	-4381	-4475
2	Albeni Falls	39.7	42.8	45.3	39.9	30.8	24.8	24.9	25.0	26.0	22.9	29.2	35.8	43.7	46.6
3	Alder	37.1	30.5	0	0	0	4.45	45.0	31.5	28.0	30.3	0	46.6	51.4	52.0
4	Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
5	Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	914	676
6	Box Canyon Dam	65.2	65.2	64.8	62.8	64.0	63.6	64.5	64.9	64.8	77.9	81.9	77.3	70.3	70.6
7	Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
8	Cabinet Gorge	202	169	169	187	238	238	238	238	238	238	238	238	239	238
9	Chelan Lake	56.6	55.4	55.4	56.0	56.2	16.7	55.6	54.9	54.2	16.3	15.3	15.5	55.8	56.8
10	Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
11	Cushman 1	36.4	30.5	26.9	26.1	25.1	27.0	24.1	17.0	15.2	16.7	19.8	24.1	30.6	34.4
12	Cushman 2	88.0	88.0	0.33	0.99	3.30	4.94	88.0	88.0	88.0	1.98	1.98	1.32	0.99	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	40.8	16.9	-4.53
16	Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
17	Grand Coulee	5056	5098	4508	4571	5141	5226	5421	5267	5140	4532	4460	4312	4819	5118
18	Hells Canyon	236	244	271	247	253	253	328	253	313	305	319	361	306	260
19	Hungry Horse	351	345	289	287	290	313	319	285	236	238	214	230	353	356
20	Ice Harbor	523	509	567	523	533	601	586	620	626	665	654	657	679	578
21	John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
22	Kerr	179	179	179	178	177	176	173	171	172	170	166	172	178	180
23	La Grande	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	Libby	484	466	513	467	556	583	483	500	480	469	502	570	578	575
25	Little Falls	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	32.9	32.5	34.9	35.0
26	Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
27	Long Lake	72.0	72.0	72.0	72.0	72.0	72.2	68.6	63.6	63.6	68.2	72.2	72.5	72.5	72.5
28	Lower Baker	66.9	57.0	0	0	0	0	57.1	54.3	54.3	-38.1	-9.33	63.7	70.2	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	916	912	904	801
31	Mayfield	125	125	125	125	125	125	136	125	125	125	125	83.6	125	125
32	McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
33	Merwin	147	146	139	123	114	129	128	113	113	113	124	124	131	149
34	Monroe Street	5.78	5.98	13.3	4.51	5.39	10.3	9.45	5.99	12.6	14.5	14.4	14.3	14.5	11.8
35	Mossyrock	378	378	369	318	282	271	215	134	134	155	202	0	378	378
36	Nine Mile	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	20.6	20.4	21.4	21.5
37	North Fork	32.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	50.2	41.0
38	Noxon Rapids	327	331	395	432	432	440	440	432	416	433	441	552	552	552
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	108	108	108	108	108	108	108	108	108	108	108	108	92.8	89.9
42	Pelton Rereg	10.1	10.1	-4.45	11.1	10.5	9.45	8.70	9.83	10.4	13.1	10.5	11.0	10.7	11.2
43	Post Falls	13.8	15.5	15.5	12.9	15.5	15.5	15.5	15.5	15.5	15.2	13.6	13.3	15.2	15.5
44	Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
45	River Mill	16.7	16.3	16.1	18.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.2	13.5	16.6
46	Rock Island	587	596	582	555	541	569	597	607	619	619	619	588	589	589
47	Rocky Reach	1289	1290	1147	1109	1180	1225	1187	1180	1180	1180	1289	1289	1289	1289
48	Ross	0	362	388	337	286	385	345	269	183	187	188	246	358	441
49	Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
50	Swift 1	263	263	240	0.26	209	187	162	140	140	146	0.23	233	265	268
51	Swift 2	62.1	62.1	71.8	0.10	76.1	76.1	76.1	76.1	76.1	76.1	0.10	76.1	62.6	57.5
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	79.3	85.2
54	Upper Baker	96.2	96.2	96.0	60.3	95.1	93.5	89.2	80.0	58.6	0	0	101	103	102
55	Upper Falls	9.80	9.80	9.73	9.80	9.80	9.80	9.80	9.80	9.78	9.40	8.81	8.74	9.26	9.80
56	Wanapum	672	664	661	661	706	669	662	661	661	661	661	674	672	672
57	Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
58	Yale	130	131	125	0	121	115	102	94.0	94.0	98.2	98.2	0	133	133
	Total Regulated Hydro														
59	Federal Entities	13333	12011	10484	10236	13479	14642	13401	12379	13088	11914	11133	15634	13916	13385
60	Investor Owned Utilities	3828	3762	3709	3275	3767	3807	3950	3807	3833	3665	3558	4005	4134	4101
61	Marketer	898	873	815	799	823	846	872	872	865	843	868	860	882	892

Table A-7: Regional: Regulated Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62	Municipality	1728	2106	2156	2054	1977	1931	2014	1829	1724	1690	1670	1805	2302	2150
63	Public Utility District	2758	2756	2618	2559	2692	2658	2683	2671	2582	2552	2623	2726	2764	2742
64	**Total Regulated Hydro**	**22545**	**21508**	**19782**	**18923**	**22738**	**23885**	**22919**	**21558**	**22091**	**20663**	**19851**	**25029**	**23998**	**23270**

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Exhibit 23
Table A-8: Regional Independent Hydro

Monthly 1-Hour Capacity
Operating Year 2014 to 2023
Using 1937-Water Conditions

Table A-8: Regional: Independent Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2014 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2015 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2016 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2017 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2018 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2019 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2020 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2021 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	129	137	134	149	145	167	167	177	189	179	179	235	251	191
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2022 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	129	137	134	162	161	188	189	198	203	189	189	242	261	204
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**1627**

Table A-8: Regional: Independent Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	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	9.01	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
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	Movie 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
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

Table A-8: Regional: Independent Hydro

Operating Year 2023 Water Year: 1937

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308 Continued

	1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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	773	816	795	820	795	815	820	870	874	848	839	771
87	Municipality	139	146	145	162	161	188	189	198	203	189	189	242	261	204
88	Public Utility District	139	138	127	125	125	123	123	27.1	125	125	125	137	137	138
89	**Total Independent Hydro**	**1508**	**1507**	**1579**	**1511**	**1464**	**1391**	**1335**	**1245**	**1504**	**1789**	**1805**	**1990**	**2038**	**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 2014 to 2023
Using 1937-Water Conditions

Federal Report Surplus Deficit By Water Year

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	1853	1757	1031	820	1519	1553	1133	702	1672	803	2534	4041	4304	1970
2	1930 Federal Report Surplus Deficit	1567	689	1419	490	1337	1639	-143	961	1478	1162	3229	3896	2820	2529
3	1931 Federal Report Surplus Deficit	1725	854	1120	233	1784	1095	-98.7	-314	1284	1917	-951	4397	3117	2347
4	1932 Federal Report Surplus Deficit	1013	-47.7	563	378	890	1449	-12.0	-453	3547	4803	4227	5066	5477	2756
5	1933 Federal Report Surplus Deficit	1892	1592	1884	622	889	2334	2839	3760	4036	4055	3637	4881	5738	3654
6	1934 Federal Report Surplus Deficit	2218	2602	1240	1830	3961	4344	4196	4669	4601	4551	4271	4830	4587	2621
7	1935 Federal Report Surplus Deficit	1035	468	816	315	733	2031	2962	3047	3571	3935	3265	4703	4468	3052
8	1936 Federal Report Surplus Deficit	2229	1445	830	623	1442	1554	221	-37.9	2131	2284	4166	5108	5225	2458
9	1937 Federal Report Surplus Deficit	1752	908	735	567	1883	1587	151	-24.8	1688	1304	1247	4588	3677	2349
10	1938 Federal Report Surplus Deficit	1686	429	1325	376	765	2091	2747	3299	4141	4769	4368	4986	5054	3008
11	1939 Federal Report Surplus Deficit	1677	1305	1400	802	1283	1600	1442	1788	2602	3890	3868	4948	3835	2394
12	1940 Federal Report Surplus Deficit	1253	163	721	838	2190	2153	1040	1178	3829	4178	3906	4895	4496	2087
13	1941 Federal Report Surplus Deficit	1241	217	1010	705	1111	1974	920	197	1498	1560	2545	4386	4409	2399
14	1942 Federal Report Surplus Deficit	1462	583	1448	587	1506	2765	2819	1321	2041	1913	3731	4551	5071	3191
15	1943 Federal Report Surplus Deficit	1991	1770	2049	683	768	2076	3336	3671	4405	4880	4608	4920	5650	2870
16	1944 Federal Report Surplus Deficit	1680	1403	1143	618	1568	1536	1177	897	1364	848	2843	3376	2196	2100
17	1945 Federal Report Surplus Deficit	1409	238	946	490	1367	662	312	617	1424	311	-791	4896	5084	1949
18	1946 Federal Report Surplus Deficit	1942	1200	1442	473	1172	2213	2560	3077	3922	4662	4383	5003	5269	3120
19	1947 Federal Report Surplus Deficit	2044	1758	1572	526	1419	4051	4203	4332	4460	4349	3821	4993	5281	3152
20	1948 Federal Report Surplus Deficit	1928	1579	1345	3483	3525	3239	4051	3763	3782	4299	4219	5207	5688	3474
21	1949 Federal Report Surplus Deficit	2268	2477	1729	898	1431	2164	3006	1512	4634	4722	4322	5133	5261	1813
22	1950 Federal Report Surplus Deficit	1142	267	659	567	1336	2014	4032	3947	4897	4923	4215	5012	5532	3275
23	1951 Federal Report Surplus Deficit	2196	2479	1420	1782	3822	4139	4300	5021	4813	4916	4252	4961	5214	3373
24	1952 Federal Report Surplus Deficit	2362	2063	1379	2976	2643	3252	3796	4072	4543	4918	4398	5131	5357	3068
25	1953 Federal Report Surplus Deficit	1884	1425	662	522	1465	1557	1989	2822	3551	3480	3637	4991	5763	3354
26	1954 Federal Report Surplus Deficit	2209	2113	1249	791	1774	2807	3782	4283	4641	4476	3909	5011	5344	3841
27	1955 Federal Report Surplus Deficit	2504	2632	3704	960	2875	2450	1912	665	1325	1786	3395	4910	5712	4012
28	1956 Federal Report Surplus Deficit	2280	2198	1004	1148	3417	4067	4300	4851	4705	4835	4470	5071	5734	3442
29	1957 Federal Report Surplus Deficit	2110	2014	1374	1089	1376	2892	2740	2242	4031	4884	3963	5215	5629	2971
30	1958 Federal Report Surplus Deficit	1762	740	1281	699	1588	1912	3044	2860	4055	4323	4079	5102	5467	2801
31	1959 Federal Report Surplus Deficit	1643	1097	1106	671	2511	3818	4236	4609	4566	4634	3892	4743	5487	3079
32	1960 Federal Report Surplus Deficit	2359	2321	3652	3690	3959	3652	3525	3169	4020	4762	4236	4937	5251	2882
33	1961 Federal Report Surplus Deficit	2022	1367	1025	854	1481	2348	3447	3306	4567	4721	3581	4945	5537	2791
34	1962 Federal Report Surplus Deficit	1703	1584	882	593	1517	1834	2957	3088	2688	4779	4396	4980	5390	1923
35	1963 Federal Report Surplus Deficit	1838	1372	1011	1231	2839	3583	2807	3440	3164	3567	3572	4933	5385	2977
36	1964 Federal Report Surplus Deficit	1935	1541	1623	573	1087	2309	2236	2031	2800	4592	3487	4964	5743	3757
37	1965 Federal Report Surplus Deficit	2308	2076	2099	1816	2413	4123	4326	4850	4729	4260	4259	4978	5046	3049
38	1966 Federal Report Surplus Deficit	2236	2366	778	1109	2018	2497	2827	2573	2303	4776	3768	4838	4694	3048
39	1967 Federal Report Surplus Deficit	2057	1493	1147	527	1239	2564	3976	4406	4677	3627	1560	4810	5478	3328
40	1968 Federal Report Surplus Deficit	2202	1917	1273	832	2082	2502	3497	4096	4239	3028	2848	4279	5186	3171
41	1969 Federal Report Surplus Deficit	2229	2104	2549	1935	3529	3274	4248	4699	4420	4780	4240	5117	5357	3153
42	1970 Federal Report Surplus Deficit	1839	1301	1385	777	1770	1827	2780	2882	3590	4042	3090	4883	5522	2602
43	1971 Federal Report Surplus Deficit	1881	1227	974	558	1371	2074	4328	4633	4919	4888	4182	5092	5705	3803
44	1972 Federal Report Surplus Deficit	2515	2530	1547	1207	1597	2784	4322	4339	4774	4871	4143	5098	5657	3738
45	1973 Federal Report Surplus Deficit	2372	2541	1946	1111	1700	2486	2899	2023	1799	47.3	2389	4365	4382	2224
46	1974 Federal Report Surplus Deficit	1496	460	990	317	1073	2849	4115	4568	4715	4799	4413	5062	5634	4030
47	1975 Federal Report Surplus Deficit	2366	2424	1765	517	1551	2077	2770	3571	4431	3432	3546	4975	5648	4152
48	1976 Federal Report Surplus Deficit	2194	2152	1855	2172	3804	4389	4205	4720	4722	4764	4295	5071	5402	3510
49	1977 Federal Report Surplus Deficit	2655	2703	4010	1203	1617	1454	1113	1232	1683	131	2646	2793	1926	1839
50	1978 Federal Report Surplus Deficit	1147	-70.6	317	351	723	2891	2819	2938	3624	4818	3794	4771	4595	3047
51	1979 Federal Report Surplus Deficit	1817	1453	2617	1337	1690	1805	2307	829	3750	3232	3660	5044	4147	1976
52	1980 Federal Report Surplus Deficit	1131	506	883	606	1527	1400	1453	1685	1801	4234	3886	5131	5210	2330
53	1981 Federal Report Surplus Deficit	1447	548	1152	811	1484	3842	3740	3012	3215	1928	3885	5028	5563	3218
54	1982 Federal Report Surplus Deficit	2372	2629	1417	768	2047	2958	3908	4763	4786	4837	4139	4987	5533	3389
55	1983 Federal Report Surplus Deficit	2481	2556	2745	2002	2152	3207	4122	4451	4928	4773	3981	4956	5304	3391
56	1984 Federal Report Surplus Deficit	2255	2108	1695	931	3990	3183	3698	4291	4621	4864	4337	5010	5754	3529
57	1985 Federal Report Surplus Deficit	2171	1845	1709	1001	1998	2491	2496	2503	3455	4518	4065	5018	4710	1203
58	1986 Federal Report Surplus Deficit	1020	-298	842	700	3302	2349	3434	4238	4759	4770	4154	4804	5286	2767

Federal Report Surplus Deficit By Water Year

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	1949	1291	933	523	1330	2595	1816	248	3218	2691	3338	4937	4375	2172
60	1988 Federal Report Surplus Deficit	978	-347	999	335	1257	1360	269	35.1	1473	1384	3358	4407	4496	2591
61	1989 Federal Report Surplus Deficit	1405	653	1405	130	797	2027	1245	793	3115	4592	4214	4897	4551	2101
62	1990 Federal Report Surplus Deficit	1373	445	1052	438	1718	2370	3145	3681	4450	4212	4415	4860	5328	2906
63	1991 Federal Report Surplus Deficit	2246	2069	936	327	3844	3441	3759	4394	4419	4566	3899	4969	5137	3342
64	1992 Federal Report Surplus Deficit	2341	2545	1055	500	1455	1654	1255	846	2397	1983	2870	4833	4074	1880
65	1993 Federal Report Surplus Deficit	998	-32.8	852	213	1389	1798	85.3	-183	2883	2510	3264	4917	4924	2761
66	1994 Federal Report Surplus Deficit	1757	1213	1487	326	2019	1710	400	-34.2	1688	1175	3181	4706	4396	2495
67	1995 Federal Report Surplus Deficit	1507	422	1091	87.9	906	1425	1666	3159	4036	4549	3563	4795	5333	2965
68	1996 Federal Report Surplus Deficit	1907	1493	2124	1369	3891	4128	4230	4900	4698	4836	4537	5047	5423	3609
69	1997 Federal Report Surplus Deficit	2402	2214	960	695	1837	3171	4310	4606	4805	4717	4511	4986	5643	3690
70	1998 Federal Report Surplus Deficit	2440	2383	2683	3630	3432	3015	2523	3113	3401	3396	3963	5133	5598	3038
71	1999 Federal Report Surplus Deficit	2254	1308	1271	633	1038	2776	4161	4641	4940	4548	4221	5016	5691	3706
72	2000 Federal Report Surplus Deficit	2601	2733	2050	886	4008	3619	3285	3521	4274	4828	4312	4940	4773	2870
73	2001 Federal Report Surplus Deficit	2155	844	1030	661	1465	1586	1121	1037	1552	699	2562	3977	1651	2194
74	2002 Federal Report Surplus Deficit	1214	473	452	-269	839	1459	763	1177	2103	4609	4150	4706	5378	3454
75	2003 Federal Report Surplus Deficit	2093	1526	1405	321	1871	1756	674	817	4023	4210	3755	4704	5344	2205
76	2004 Federal Report Surplus Deficit	1251	-34.7	652	645	1755	2297	1341	1116	2227	2759	3793	4866	4733	2361
77	2005 Federal Report Surplus Deficit	1357	890	1313	928	1639	2781	2559	2091	2594	1875	3217	4726	4938	2530
78	2006 Federal Report Surplus Deficit	1846	840	1391	235	1563	2291	3082	4354	4235	4737	4405	5091	5356	2880
79	2007 Federal Report Surplus Deficit	1425	242	1064	410	1724	2210	3241	2607	4690	4628	3859	4934	4624	3026
80	2008 Federal Report Surplus Deficit	1809	330	570	608	1493	1783	1746	1461	2886	3415	2455	5010	5745	3233

Ranked Averages

81	**Bottom 10 pct**	**1058**	**55.8**	**741**	**433**	**1395**	**1911**	**1880**	**1907**	**3320**	**3922**	**3770**	**4851**	**4998**	**2822**
82	**Middle 80 pct**	**1889**	**1373**	**1332**	**874**	**1898**	**2485**	**2617**	**2689**	**3500**	**3631**	**3575**	**4838**	**4974**	**2856**
83	**Top 10 pct**	**2496**	**2548**	**2389**	**1419**	**2446**	**2832**	**3187**	**3336**	**3747**	**3667**	**3886**	**4725**	**5018**	**3246**

Federal Report Surplus Deficit By Water Year

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2697	2636	1332	351	1197	1353	1014	820	1373	547	2511	3584	3429	1416
2	1930 Federal Report Surplus Deficit	2248	1511	1624	294	1215	1472	336	1057	1483	1220	2988	3679	846	2401
3	1931 Federal Report Surplus Deficit	2421	1619	1338	217	1468	1422	-95.2	-180	1288	1769	849	3956	1929	2196
4	1932 Federal Report Surplus Deficit	1606	893	987	63.1	575	1342	-134	-183	3712	4341	3963	4297	4674	2569
5	1933 Federal Report Surplus Deficit	2795	2766	2190	409	559	2483	2548	3577	3635	3657	3345	4205	4912	3504
6	1934 Federal Report Surplus Deficit	2706	3084	1726	1387	3431	4009	3909	4249	4209	4139	3991	4114	3821	2409
7	1935 Federal Report Surplus Deficit	2187	1738	1053	363	404	2236	2709	3147	3774	2900	2939	4103	3763	2926
8	1936 Federal Report Surplus Deficit	2791	2139	1162	195	1041	1389	607	271	1801	2295	3920	4324	4435	2231
9	1937 Federal Report Surplus Deficit	2449	1686	1057	179	1447	1393	421	-42.9	1363	1070	924	3980	2536	2049
10	1938 Federal Report Surplus Deficit	2016	1292	1584	398	622	2511	2602	2704	3675	4379	4104	4270	4441	2751
11	1939 Federal Report Surplus Deficit	2488	2151	1652	482	966	1408	1767	1523	2479	3524	3619	4254	2427	2163
12	1940 Federal Report Surplus Deficit	1928	1067	992	614	1581	2423	1712	729	4205	3632	3213	4189	2893	2122
13	1941 Federal Report Surplus Deficit	1867	1138	1225	408	964	2313	850	758	1787	1404	2235	3856	2674	2343
14	1942 Federal Report Surplus Deficit	2151	1413	1822	209	1849	2584	2359	2107	2887	2283	3407	3912	3959	3033
15	1943 Federal Report Surplus Deficit	2636	2393	2480	503	423	2073	2963	3784	4078	4440	4324	4196	4830	2711
16	1944 Federal Report Surplus Deficit	2639	2504	1398	58.5	1159	1336	1041	872	1325	552	2494	3236	778	1921
17	1945 Federal Report Surplus Deficit	2106	1138	1138	389	1151	892	209	594	1429	371	451	4243	4325	1790
18	1946 Federal Report Surplus Deficit	2633	1932	1652	148	857	2430	2389	2616	3783	4268	4123	4280	4496	2957
19	1947 Federal Report Surplus Deficit	2771	2729	1811	16.1	1245	3791	3638	4121	4321	3987	3535	4280	4498	3044
20	1948 Federal Report Surplus Deficit	2591	2234	1553	3141	3039	3093	3704	3548	3647	3921	3961	4365	4859	3355
21	1949 Federal Report Surplus Deficit	2760	3008	2880	404	1105	2113	2616	1908	4277	4342	4007	4336	4500	1730
22	1950 Federal Report Surplus Deficit	1863	1267	993	209	1016	2114	3690	3792	4355	4519	3949	4296	4735	3145
23	1951 Federal Report Surplus Deficit	2760	3093	1807	1296	3305	3871	3974	4496	4403	4511	3990	4239	4331	3293
24	1952 Federal Report Surplus Deficit	2883	3008	1767	2595	2247	3106	3462	4036	3896	4514	4204	4335	4634	2798
25	1953 Federal Report Surplus Deficit	2637	2439	1009	45.2	826	1435	2295	2575	3526	3084	3303	4282	4935	3223
26	1954 Federal Report Surplus Deficit	2805	2707	1640	280	1438	2709	3380	3955	4185	4069	3659	4293	4593	3713
27	1955 Federal Report Surplus Deficit	2975	2904	4085	467	2454	2375	1738	1329	2032	2108	3118	4218	4843	3851
28	1956 Federal Report Surplus Deficit	2696	3021	1409	668	2943	3806	3988	4284	4191	4360	4198	4315	4910	3312
29	1957 Federal Report Surplus Deficit	2743	3060	1632	581	1051	2783	2554	2280	3686	4473	3605	4291	4796	2915
30	1958 Federal Report Surplus Deficit	2658	2262	1495	291	1261	1842	2845	2661	3830	3961	3830	4323	4663	2580
31	1959 Federal Report Surplus Deficit	2559	2145	1338	555	1855	3558	3892	4318	4141	4243	3636	4052	4677	2869
32	1960 Federal Report Surplus Deficit	2874	3082	4003	3446	3434	3429	3199	2791	3687	4313	3974	4255	4472	2781
33	1961 Federal Report Surplus Deficit	2692	2058	1264	375	1085	2286	3154	3070	4252	4181	3289	4225	4721	2742
34	1962 Federal Report Surplus Deficit	2549	2418	1147	132	1196	1852	2686	2819	2302	4344	4128	4266	4597	1937
35	1963 Federal Report Surplus Deficit	2441	2224	1279	1006	2190	3398	3028	3341	3456	2870	3106	4225	4203	2821
36	1964 Federal Report Surplus Deficit	2588	2220	1820	112	770	2209	2020	1615	2312	4216	3176	4253	4918	3651
37	1965 Federal Report Surplus Deficit	2747	2976	2556	1356	2035	3851	3978	4416	4269	3760	3990	4241	4276	3069
38	1966 Federal Report Surplus Deficit	2771	2950	1250	617	1654	2418	2567	2260	2404	4370	3539	4125	3955	2887
39	1967 Federal Report Surplus Deficit	2695	2161	1381	72.2	918	2440	3696	4106	4205	3232	1402	4115	4659	3238
40	1968 Federal Report Surplus Deficit	2805	2921	1661	326	1724	2425	3213	3357	4135	2636	2547	3902	4375	3014
41	1969 Federal Report Surplus Deficit	2771	2766	3025	1487	3043	3126	3904	4265	4079	4375	3977	4343	4583	3013
42	1970 Federal Report Surplus Deficit	2759	2657	1599	338	1443	1764	2570	3168	3477	3657	2246	4168	4690	2615
43	1971 Federal Report Surplus Deficit	2472	2114	1227	61.3	1049	1970	3908	4299	4489	4488	3945	4315	4882	3625
44	1972 Federal Report Surplus Deficit	2965	3106	2423	700	1269	2696	3933	3907	4284	4445	3890	4325	4834	3600
45	1973 Federal Report Surplus Deficit	2851	2928	3048	609	1365	2420	2747	1986	1692	-194	2068	3941	2570	2090
46	1974 Federal Report Surplus Deficit	2169	1305	1194	260	474	3220	3892	4044	4195	4328	4146	4309	4822	3881
47	1975 Federal Report Surplus Deficit	2814	2974	2949	-20.8	1224	2034	2484	3200	4061	3036	3275	4265	4821	4045
48	1976 Federal Report Surplus Deficit	2764	2907	2260	1727	3288	4061	3858	4374	4316	4344	4031	4313	4545	3466
49	1977 Federal Report Surplus Deficit	2989	2958	4129	717	1288	1250	974	1045	1678	-208	2344	3111	-299	1964
50	1978 Federal Report Surplus Deficit	1730	844	685	-215	446	2944	2730	3041	3323	4412	3546	4061	3864	3077
51	1979 Federal Report Surplus Deficit	2512	2119	3098	857	1366	1872	2243	1229	3403	2840	3387	4282	3119	1736
52	1980 Federal Report Surplus Deficit	1749	1370	1163	272	1191	1205	1837	1433	1729	3873	3629	4325	4410	2257
53	1981 Federal Report Surplus Deficit	2366	1688	1421	429	1165	3564	3375	3689	3666	1421	3344	4230	4717	3053
54	1982 Federal Report Surplus Deficit	2838	3098	1964	320	1638	2842	3568	4277	4286	4453	3883	4232	4718	3359
55	1983 Federal Report Surplus Deficit	2947	3078	3798	1547	1795	3071	3767	4126	4510	4383	3630	4223	4487	3418
56	1984 Federal Report Surplus Deficit	2778	2979	2090	437	3458	3051	3357	3971	4311	4432	4015	4291	4882	3375
57	1985 Federal Report Surplus Deficit	2842	2702	2036	499	1652	2422	2243	2123	3129	4128	3796	4288	3797	1326
58	1986 Federal Report Surplus Deficit	1617	751	1180	1416	2899	2249	3102	3945	4304	4370	3900	4134	4505	2614

Federal Report Surplus Deficit By Water Year

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	2637	1998	1173	36.1	1003	2518	2041	1258	2910	2309	3061	4180	3563	1947
60	1988 Federal Report Surplus Deficit	1575	702	1238	104	1060	1175	552	5.38	1585	1446	3031	3950	2747	2526
61	1989 Federal Report Surplus Deficit	2068	1479	1604	92.3	664	2285	1165	309	3028	4227	3953	4200	3826	1761
62	1990 Federal Report Surplus Deficit	2046	1329	1299	193	1835	2530	2827	3489	3988	3704	4142	4179	4559	2677
63	1991 Federal Report Surplus Deficit	2828	2772	1348	-145	3203	3280	3417	4069	4038	4159	3517	4256	4428	3237
64	1992 Federal Report Surplus Deficit	2810	3064	1455	-10.8	1128	1670	1643	1270	2777	1435	2306	3843	1963	1879
65	1993 Federal Report Surplus Deficit	1595	870	1138	223	1083	1797	158	-128	2618	2196	3054	4240	4283	2453
66	1994 Federal Report Surplus Deficit	2456	1943	1733	118	1684	1658	628	747	1384	942	2961	4090	3460	2312
67	1995 Federal Report Surplus Deficit	2177	1281	1298	1.92	590	1843	1519	3025	4194	3269	2941	4122	4526	2815
68	1996 Federal Report Surplus Deficit	2582	2174	2489	1805	3383	3821	3951	4351	4251	4442	4248	4302	4640	3471
69	1997 Federal Report Surplus Deficit	2847	3080	1509	184	1497	3039	4022	4100	4329	4309	4232	4235	4825	3574
70	1998 Federal Report Surplus Deficit	2949	3073	3472	3336	2957	2906	2622	2553	3100	3007	3547	4247	4749	2960
71	1999 Federal Report Surplus Deficit	2889	2237	1497	174	633	2722	3833	4137	4503	4158	3911	4296	4865	3584
72	2000 Federal Report Surplus Deficit	2992	3120	2726	470	3454	3435	2999	3162	3964	4425	4033	4237	4105	2828
73	2001 Federal Report Surplus Deficit	2778	1644	1273	223	1139	1382	995	855	1691	336	2559	3716	-773	1998
74	2002 Federal Report Surplus Deficit	1852	1336	831	-308	576	1823	1072	1317	2169	3776	3895	4118	4585	3297
75	2003 Federal Report Surplus Deficit	2882	2697	1621	-182	1539	1570	1035	928	3747	3816	3493	4071	4573	1861
76	2004 Federal Report Surplus Deficit	1893	993	1009	375	1330	2654	1545	429	2859	3213	3171	4137	3855	2046
77	2005 Federal Report Surplus Deficit	2031	1665	1690	487	1307	2688	2304	2281	2486	1517	2939	4023	4104	2266
78	2006 Federal Report Surplus Deficit	2533	1663	1613	334	1235	2209	2776	4024	3917	4341	4147	4277	4586	2679
79	2007 Federal Report Surplus Deficit	2460	2017	1312	-135	1838	2223	3011	2257	4384	4237	3589	4237	3855	2864
80	2008 Federal Report Surplus Deficit	2448	1257	959	385	1097	1963	1666	1493	2599	3121	1887	4239	4914	3083

Ranked Averages

81	**Bottom 10 pct**	**1698**	**1004**	**1027**	**221**	**1106**	**1831**	**1626**	**1653**	**2974**	**3616**	**3621**	**4178**	**4226**	**2742**
82	**Middle 80 pct**	**2552**	**2238**	**1682**	**501**	**1548**	**2449**	**2507**	**2594**	**3336**	**3250**	**3306**	**4154**	**4007**	**2705**
83	**Top 10 pct**	**2949**	**2936**	**2987**	**1251**	**2012**	**2695**	**2916**	**3037**	**3496**	**3354**	**3585**	**4124**	**4027**	**3125**

Federal Report Surplus Deficit By Water Year

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2557	2491	806	381	878	1460	882	841	2598	472	2557	3798	4458	1148
2	1930 Federal Report Surplus Deficit	2059	1540	837	322	888	1580	186	1076	2683	1129	3025	4035	1966	2472
3	1931 Federal Report Surplus Deficit	2266	1420	258	253	1126	1516	-260	-243	2539	1664	941	4535	3021	2214
4	1932 Federal Report Surplus Deficit	1540	670	596	86.2	310	1450	-306	-246	4113	4194	4011	5013	5516	2675
5	1933 Federal Report Surplus Deficit	2682	2691	1214	449	353	2519	2445	3647	3985	3515	3376	4894	5718	3648
6	1934 Federal Report Surplus Deficit	2633	3003	1146	1469	3179	4002	3835	4301	4287	3994	4040	4784	4777	2509
7	1935 Federal Report Surplus Deficit	1901	1334	198	413	250	2288	2609	3221	4068	2770	2976	4795	4755	3082
8	1936 Federal Report Surplus Deficit	2729	2144	651	211	727	1494	459	251	2879	2178	3962	5049	5330	2272
9	1937 Federal Report Surplus Deficit	2369	1397	515	190	1107	1491	275	-89.7	2613	985	1020	4543	3618	2009
10	1938 Federal Report Surplus Deficit	2150	1275	442	438	398	2547	2499	2778	4124	4232	4153	4937	5334	2887
11	1939 Federal Report Surplus Deficit	2373	1648	1057	529	667	1524	1649	1575	3388	3387	3649	4938	3499	2165
12	1940 Federal Report Surplus Deficit	1782	1158	395	678	1237	2457	1596	735	4401	3491	3245	4880	3946	2114
13	1941 Federal Report Surplus Deficit	2051	1103	228	463	659	2358	710	775	2859	1305	2285	4488	3733	2422
14	1942 Federal Report Surplus Deficit	2104	1315	328	251	1505	2616	2253	2173	3554	2168	3437	4586	4903	3191
15	1943 Federal Report Surplus Deficit	2564	2058	1647	554	269	2136	2866	3856	4324	4296	4382	4864	5648	2842
16	1944 Federal Report Surplus Deficit	2591	2213	746	33.7	844	1449	910	895	2575	475	2538	3212	1899	1841
17	1945 Federal Report Surplus Deficit	1877	802	-4.34	430	829	1031	47.9	583	2679	304	562	4939	5228	1633
18	1946 Federal Report Surplus Deficit	2477	1773	695	148	586	2470	2283	2689	4174	4121	4176	4948	5380	3118
19	1947 Federal Report Surplus Deficit	2701	2531	1146	-11.9	925	3778	3551	4182	4420	3844	3565	4947	5353	3203
20	1948 Federal Report Surplus Deficit	2568	1987	1034	3162	2755	3100	3618	3619	4048	3777	4007	5181	5664	3502
21	1949 Federal Report Surplus Deficit	2677	2973	2505	443	796	2172	2516	1969	4435	4195	4051	5021	5385	1579
22	1950 Federal Report Surplus Deficit	1813	1122	392	225	719	2167	3604	3837	4436	4373	3986	4964	5581	3303
23	1951 Federal Report Surplus Deficit	2695	3015	1252	1377	3045	3858	3896	4542	4476	4364	4036	4907	5242	3444
24	1952 Federal Report Surplus Deficit	2792	2972	1206	2644	1910	3113	3373	4105	4235	4367	4259	5103	5484	2936
25	1953 Federal Report Surplus Deficit	2507	1905	448	27.5	544	1537	2186	2646	3997	2950	3335	4954	5734	3378
26	1954 Federal Report Surplus Deficit	2662	2333	1066	304	1103	2735	3289	4024	4369	3925	3690	4960	5451	3835
27	1955 Federal Report Surplus Deficit	2843	2927	3958	509	2128	2411	1620	1374	3027	1995	3152	4912	5663	3965
28	1956 Federal Report Surplus Deficit	2626	2843	804	722	2650	3793	3904	4394	4273	4199	4252	5015	5715	3463
29	1957 Federal Report Surplus Deficit	2678	2977	1060	632	749	2805	2453	2349	4141	4327	3636	5129	5592	3070
30	1958 Federal Report Surplus Deficit	2669	2292	857	313	933	1922	2746	2733	4115	3816	3865	5065	5500	2692
31	1959 Federal Report Surplus Deficit	2307	1957	805	607	1511	3550	3809	4373	4304	4096	3667	4735	5504	3020
32	1960 Federal Report Surplus Deficit	2820	3016	3853	3476	3178	3420	3108	2865	4113	4172	4017	4946	5359	2933
33	1961 Federal Report Surplus Deficit	2661	1845	739	414	777	2334	3061	3145	4418	4034	3321	4893	5545	2891
34	1962 Federal Report Surplus Deficit	2618	2310	571	139	876	1931	2585	2893	3209	4201	4180	4935	5451	1854
35	1963 Federal Report Surplus Deficit	2410	1858	688	1080	1852	3395	2935	3320	3944	2744	3140	4920	5133	2976
36	1964 Federal Report Surplus Deficit	2528	1960	1271	110	510	2261	1907	1669	3221	4069	3210	4926	5723	3777
37	1965 Federal Report Surplus Deficit	2677	2912	2094	1438	1692	3838	3906	4462	4351	3619	4044	4918	5160	3225
38	1966 Federal Report Surplus Deficit	2700	2895	602	675	1309	2452	2464	2330	3297	4223	3569	4795	4917	3042
39	1967 Federal Report Surplus Deficit	2670	1915	836	85.9	633	2480	3609	4168	4316	3098	1480	4804	5483	3391
40	1968 Federal Report Surplus Deficit	2739	2779	1098	364	1380	2460	3119	3432	4278	2511	2592	4431	5237	3173
41	1969 Federal Report Surplus Deficit	2701	2655	2718	1568	2759	3132	3822	4301	4234	4228	4026	5066	5460	3171
42	1970 Federal Report Surplus Deficit	2691	2431	1044	359	1107	1849	2466	3242	3923	3517	2301	4860	5519	2731
43	1971 Federal Report Surplus Deficit	2130	1567	693	64.5	749	2040	3825	4354	4560	4341	3990	5043	5692	3756
44	1972 Federal Report Surplus Deficit	2902	3038	1947	756	947	2724	3834	3953	4363	4298	3926	5045	5642	3732
45	1973 Federal Report Surplus Deficit	2790	2878	2713	663	1033	2463	2646	2050	2815	-243	2124	4497	3636	2066
46	1974 Federal Report Surplus Deficit	2171	1068	208	294	309	3223	3824	4105	4277	4167	4199	5004	5647	3995
47	1975 Federal Report Surplus Deficit	2757	2916	2587	-49.1	903	2102	2379	3275	4340	2904	3307	4936	5630	4139
48	1976 Federal Report Surplus Deficit	2700	2832	1747	1808	3027	4049	3774	4428	4390	4199	4080	5014	5417	3604
49	1977 Federal Report Surplus Deficit	2894	2952	3962	779	957	1353	843	1081	2787	-265	2394	3032	834	1903
50	1978 Federal Report Surplus Deficit	1564	644	-34.3	-263	275	2958	2629	2982	3908	4265	3577	4731	4824	3236
51	1979 Federal Report Surplus Deficit	2442	1835	2017	928	1033	1949	2136	1264	3956	2714	3418	4950	4163	1586
52	1980 Federal Report Surplus Deficit	1725	1233	739	299	866	1341	1720	1480	2845	3729	3662	5101	5266	2271
53	1981 Federal Report Surplus Deficit	2228	1321	890	474	843	3556	3286	3758	4020	1322	3375	4914	5524	3210
54	1982 Federal Report Surplus Deficit	2775	3020	1759	341	1295	2861	3479	4269	4457	4306	3918	4925	5546	3507
55	1983 Federal Report Surplus Deficit	2838	3030	3330	1629	1451	3081	3681	4171	4579	4236	3660	4892	5366	3565
56	1984 Federal Report Surplus Deficit	2705	2898	1924	474	3210	3062	3265	4039	4489	4287	4064	4959	5692	3522
57	1985 Federal Report Surplus Deficit	2819	2733	1544	534	1310	2462	2136	2189	3713	3982	3831	4958	4787	1040
58	1986 Federal Report Surplus Deficit	1480	812	543	1498	2602	2298	3006	4015	4463	4223	3943	4826	5372	2727

Federal Report Surplus Deficit By Water Year

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	2565	1695	622	22.7	711	2553	1929	1297	3586	2193	3096	4875	4556	1885
60	1988 Federal Report Surplus Deficit	1601	909	358	124	736	1320	403	-39.5	2750	1350	3065	4502	3816	2626
61	1989 Federal Report Surplus Deficit	2239	1374	426	93.4	429	2333	1033	293	3719	4082	4000	4880	4811	1618
62	1990 Federal Report Surplus Deficit	1878	1401	613	207	1491	2558	2728	3561	4231	3564	4196	4863	5433	2805
63	1991 Federal Report Surplus Deficit	2741	2540	758	-193	2939	3280	3326	4131	4224	4012	3548	4927	5304	3386
64	1992 Federal Report Surplus Deficit	2739	2972	900	-29.4	814	1762	1525	1312	3485	1336	2355	4329	3053	1794
65	1993 Federal Report Surplus Deficit	1661	884	-31.7	262	767	1877	-3.34	-184	3466	2084	3090	4925	5217	2531
66	1994 Federal Report Surplus Deficit	2471	1918	748	121	1339	1742	482	762	2620	859	2997	4783	4463	2356
67	1995 Federal Report Surplus Deficit	2120	1142	318	10.1	360	1921	1395	3100	4356	3135	2980	4806	5383	2951
68	1996 Federal Report Surplus Deficit	2510	2052	1239	1883	3109	3824	3852	4397	4430	4296	4306	4986	5468	3605
69	1997 Federal Report Surplus Deficit	2788	3003	843	192	1160	3051	3949	4160	4519	4163	4288	4931	5631	3698
70	1998 Federal Report Surplus Deficit	2862	3015	3275	3349	2666	2923	2519	2625	3710	2877	3577	5008	5570	3097
71	1999 Federal Report Surplus Deficit	2846	2434	912	176	415	2747	3749	4183	4579	4012	3947	4965	5676	3721
72	2000 Federal Report Surplus Deficit	2916	3061	2322	514	3210	3432	2902	3237	4266	4278	4085	4931	5066	2978
73	2001 Federal Report Surplus Deficit	2706	1300	702	237	818	1489	864	878	2796	265	2604	4080	363	1925
74	2002 Federal Report Surplus Deficit	1798	1027	23.6	-356	355	1904	938	1362	3133	3635	3938	4801	5434	3452
75	2003 Federal Report Surplus Deficit	2784	2191	820	-220	1196	1669	900	952	4136	3674	3523	4764	5439	1722
76	2004 Federal Report Surplus Deficit	1583	995	262	425	994	2681	1423	420	3540	3080	3205	4829	4819	1987
77	2005 Federal Report Surplus Deficit	1733	1314	1974	536	977	2713	2199	2351	3296	1414	2973	4705	5050	2271
78	2006 Federal Report Surplus Deficit	2484	1557	799	378	911	2261	2677	4092	4159	4199	4200	5075	5450	2765
79	2007 Federal Report Surplus Deficit	2464	1789	513	-183	1494	2275	2915	2326	4488	4090	3619	4923	4836	3011
80	2008 Federal Report Surplus Deficit	2277	1293	210	436	779	2032	1547	1544	3417	2990	1954	4942	5717	3241

Ranked Averages

81	**Bottom 10 pct**	**1611**	**932**	**551**	**371**	**941**	**2080**	**1384**	**1347**	**3548**	**3042**	**3441**	**4829**	**4985**	**2540**
82	**Middle 80 pct**	**2474**	**2065**	**953**	**500**	**1213**	**2469**	**2420**	**2698**	**3851**	**3179**	**3382**	**4811**	**4939**	**2810**
83	**Top 10 pct**	**2865**	**2934**	**2945**	**1398**	**1869**	**2761**	**2782**	**2936**	**3928**	**3200**	**3595**	**4716**	**4897**	**3237**

Federal Report Surplus Deficit By Water Year

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2245	2506	841	307	1539	1235	760	717	2136	410	2465	3450	3373	1387
2	1930 Federal Report Surplus Deficit	1779	1529	872	248	1536	1355	80.0	953	2233	1041	2929	3575	897	2389
3	1931 Federal Report Surplus Deficit	1955	1409	295	180	1727	1298	-350	-394	2053	1552	841	3902	1927	2179
4	1932 Federal Report Surplus Deficit	1356	633	633	11.5	1007	1224	-388	-397	3963	4034	3889	4263	4542	2561
5	1933 Federal Report Surplus Deficit	2389	2712	1238	376	1051	2340	2313	3446	3845	3358	3273	4186	4752	3505
6	1934 Federal Report Surplus Deficit	2431	3067	1171	1387	3821	3860	3700	4072	4161	3833	3920	4091	3733	2400
7	1935 Federal Report Surplus Deficit	1647	1322	236	341	925	2097	2477	3042	3937	2626	2881	4082	3689	2928
8	1936 Federal Report Surplus Deficit	2515	2147	690	135	1396	1270	350	118	2490	2050	3837	4289	4326	2216
9	1937 Federal Report Surplus Deficit	2052	1381	554	114	1715	1271	165	-233	2127	906	918	3923	2522	2028
10	1938 Federal Report Surplus Deficit	1845	1258	481	365	1099	2368	2367	2617	3964	4072	4033	4244	4331	2749
11	1939 Federal Report Surplus Deficit	2059	1638	1086	457	1348	1295	1519	1447	3074	3233	3540	4237	2403	2144
12	1940 Federal Report Surplus Deficit	1519	1141	432	605	1826	2279	1465	610	4280	3336	3143	4168	2853	2102
13	1941 Federal Report Surplus Deficit	1782	1079	267	390	1336	2172	594	651	2472	1204	2194	3816	2639	2331
14	1942 Federal Report Surplus Deficit	1801	1300	366	178	2049	2440	2121	2033	3332	2043	3329	3884	3868	3036
15	1943 Federal Report Surplus Deficit	2280	2063	1649	482	944	1937	2735	3659	4199	4134	4292	4169	4681	2708
16	1944 Federal Report Surplus Deficit	2292	2220	783	-48.7	1511	1221	787	771	2090	409	2446	3055	832	1898
17	1945 Federal Report Surplus Deficit	1606	769	30.9	357	1486	790	-46.5	453	2193	255	455	4225	4222	1747
18	1946 Federal Report Surplus Deficit	2157	1766	733	69.9	1282	2288	2150	2533	4026	3962	4066	4253	4380	2959
19	1947 Federal Report Surplus Deficit	2481	2548	1171	-94.8	1583	3649	3427	3959	4297	3686	3456	4254	4372	3047
20	1948 Federal Report Surplus Deficit	2301	1988	1063	3010	3130	2947	3495	3424	3898	3618	3884	4329	4698	3355
21	1949 Federal Report Surplus Deficit	2531	3067	2481	370	1469	1976	2385	1835	4315	4035	3927	4303	4390	1687
22	1950 Federal Report Surplus Deficit	1584	1097	430	149	1403	1975	3480	3550	4229	4213	3862	4271	4605	3147
23	1951 Federal Report Surplus Deficit	2554	3080	1275	1299	3425	3729	3768	4254	4347	4204	3913	4213	4227	3295
24	1952 Federal Report Surplus Deficit	2621	3023	1230	2520	2401	2960	3248	3897	4097	4207	4150	4299	4507	2791
25	1953 Federal Report Surplus Deficit	2207	1904	486	-53.5	1235	1315	2053	2499	3831	2802	3234	4260	4767	3226
26	1954 Federal Report Surplus Deficit	2364	2343	1095	230	1731	2564	3163	3817	4248	3766	3575	4266	4469	3707
27	1955 Federal Report Surplus Deficit	2716	3049	3928	436	2577	2232	1489	1248	2676	1873	3054	4200	4696	3841
28	1956 Federal Report Surplus Deficit	2461	2878	839	650	3033	3664	3776	4107	4067	3953	4142	4281	4749	3314
29	1957 Federal Report Surplus Deficit	2527	3038	1088	560	1428	2637	2321	2205	3979	4167	3523	4255	4623	2916
30	1958 Federal Report Surplus Deficit	2379	2301	890	238	1578	1712	2615	2583	3985	3657	3742	4287	4527	2573
31	1959 Federal Report Surplus Deficit	1992	1958	839	534	2072	3414	3686	4141	4184	3936	3553	4032	4535	2869
32	1960 Federal Report Surplus Deficit	2687	3097	3856	3284	3854	3285	2982	2701	3958	4006	3893	4237	4361	2781
33	1961 Federal Report Surplus Deficit	2374	1842	775	341	1451	2146	2933	2979	4297	3874	3219	4200	4577	2742
34	1962 Federal Report Surplus Deficit	2315	2318	607	62.2	1535	1722	2453	2729	2896	4040	4065	4242	4471	1913
35	1963 Federal Report Surplus Deficit	2092	1855	726	1006	2348	3254	2807	3145	3793	2603	3042	4206	4106	2822
36	1964 Federal Report Surplus Deficit	2229	1963	1292	32.2	1209	2070	1775	1540	2908	3909	3111	4231	4757	3645
37	1965 Federal Report Surplus Deficit	2518	2994	2085	1357	2216	3710	3767	4174	4145	3464	3933	4210	4164	3070
38	1966 Federal Report Surplus Deficit	2563	2989	637	603	1889	2274	2331	2184	2990	4064	3457	4096	3869	2888
39	1967 Federal Report Surplus Deficit	2428	1914	868	9.95	1322	2297	3486	3945	4195	2948	1385	4098	4515	3240
40	1968 Federal Report Surplus Deficit	2567	2808	1123	291	1961	2282	2991	3250	4157	2371	2500	3837	4256	3014
41	1969 Federal Report Surplus Deficit	2504	2686	2681	1481	3134	2980	3698	4014	4079	4060	3905	4308	4468	3015
42	1970 Federal Report Surplus Deficit	2480	2442	1074	284	1733	1637	2334	3064	3764	3362	2210	4151	4549	2608
43	1971 Federal Report Surplus Deficit	1841	1557	728	-13.0	1429	1837	3702	4122	4431	4181	3866	4280	4726	3627
44	1972 Federal Report Surplus Deficit	2775	3116	1946	683	1603	2551	3648	3666	4156	4137	3803	4290	4676	3601
45	1973 Federal Report Surplus Deficit	2664	2985	2683	591	1667	2278	2515	1912	2404	-275	2033	3882	2541	2070
46	1974 Federal Report Surplus Deficit	1873	1046	247	221	998	3074	3676	3928	4070	3920	4087	4275	4679	3872
47	1975 Federal Report Surplus Deficit	2630	3016	2563	-132	1562	1900	2246	3097	4211	2757	3205	4242	4665	4028
48	1976 Federal Report Surplus Deficit	2548	2871	1751	1719	3405	3917	3651	4196	4264	4038	3960	4279	4428	3464
49	1977 Federal Report Surplus Deficit	2768	3085	3980	707	1597	1130	720	958	2382	-297	2303	2928	-192	1941
50	1978 Federal Report Surplus Deficit	1353	605	-8.47	-351	966	2798	2498	2815	3742	4105	3462	4038	3778	3080
51	1979 Federal Report Surplus Deficit	2122	1833	2003	855	1669	1741	2003	1141	3769	2575	3314	4257	3073	1710
52	1980 Federal Report Surplus Deficit	1509	1212	775	225	1518	1102	1589	1354	2437	3570	3543	4289	4286	2232
53	1981 Federal Report Surplus Deficit	1911	1307	918	401	1499	3420	3161	3555	3879	1222	3269	4211	4557	3056
54	1982 Federal Report Surplus Deficit	2605	3086	1762	267	1887	2697	3354	3982	4340	4146	3795	4199	4577	3361
55	1983 Federal Report Surplus Deficit	2703	3120	3284	1546	2023	2925	3558	3883	4445	4076	3548	4196	4372	3419
56	1984 Federal Report Surplus Deficit	2568	2993	1923	401	3625	2905	3138	3833	4368	4126	3944	4265	4726	3376
57	1985 Federal Report Surplus Deficit	2666	2755	1556	460	1910	2280	2003	2049	3517	3822	3708	4260	3722	1298
58	1986 Federal Report Surplus Deficit	1307	775	582	1417	2990	2109	2877	3814	4362	4063	3818	4116	4386	2604

Federal Report Surplus Deficit By Water Year

Operating Year 2017

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	2246	1687	657	-57.5	1397	2375	1797	1173	3361	2066	2999	4161	3489	1925
60	1988 Federal Report Surplus Deficit	1396	878	396	49.2	1389	1077	296	-182	2318	1254	2967	3890	2720	2517
61	1989 Federal Report Surplus Deficit	1930	1359	464	15.5	1130	2145	911	162	3489	3922	3878	4180	3749	1735
62	1990 Federal Report Surplus Deficit	1613	1385	651	131	2037	2385	2598	3365	4106	3407	4087	4160	4442	2672
63	1991 Federal Report Surplus Deficit	2494	2555	794	-281	3313	3135	3201	3909	4103	3852	3435	4233	4311	3239
64	1992 Federal Report Surplus Deficit	2555	3028	932	-111	1480	1546	1394	1187	3249	1234	2264	3768	1959	1855
65	1993 Federal Report Surplus Deficit	1448	856	2.79	189	1432	1667	-97.9	-331	3177	1963	2994	4222	4188	2441
66	1994 Federal Report Surplus Deficit	2150	1915	786	42.9	1911	1530	372	638	2152	781	2901	4069	3391	2296
67	1995 Federal Report Surplus Deficit	1833	1122	356	-66.6	1061	1713	1267	2936	4236	2986	2885	4098	4403	2805
68	1996 Federal Report Surplus Deficit	2190	2053	1264	1792	3920	3656	3667	4110	4325	4136	4206	4269	4499	3469
69	1997 Federal Report Surplus Deficit	2646	3070	878	115	1783	2893	3813	3981	4343	3981	4187	4201	4665	3567
70	1998 Federal Report Surplus Deficit	2735	3108	3229	3182	3047	2761	2387	2472	3506	2731	3471	4210	4604	2943
71	1999 Federal Report Surplus Deficit	2674	2443	946	98.1	1115	2577	3626	3896	4379	3852	3824	4271	4710	3584
72	2000 Federal Report Surplus Deficit	2786	3169	2305	441	3651	3290	2772	3063	4134	4118	3970	4219	4019	2827
73	2001 Federal Report Surplus Deficit	2436	1280	739	161	1477	1265	741	755	2394	208	2512	3614	-632	1975
74	2002 Federal Report Surplus Deficit	1559	1000	39.1	-444	1055	1694	818	1237	2796	3478	3813	4093	4456	3301
75	2003 Federal Report Surplus Deficit	2508	2194	856	-304	1790	1449	780	829	3989	3516	3414	4050	4453	1831
76	2004 Federal Report Surplus Deficit	1411	961	298	352	1621	2509	1294	291	3313	2932	3105	4116	3770	2023
77	2005 Federal Report Surplus Deficit	1505	1298	1962	463	1620	2543	2067	2204	3022	1308	2875	4004	4012	2248
78	2006 Federal Report Surplus Deficit	2167	1542	836	305	1564	2070	2545	3881	4034	4038	4088	4241	4467	2651
79	2007 Federal Report Surplus Deficit	2146	1783	552	-271	2051	2084	2786	2181	4367	3931	3506	4218	3776	2863
80	2008 Federal Report Surplus Deficit	1974	1272	244	364	1442	1829	1417	1417	3140	2843	1861	4205	4751	3085
Ranked Averages															
81	**Bottom 10 pct**	**1411**	**902**	**580**	**294**	**1568**	**1879**	**1267**	**1196**	**3292**	**2904**	**3331**	**4117**	**3960**	**2463**
82	**Middle 80 pct**	**2224**	**2079**	**979**	**422**	**1827**	**2285**	**2293**	**2521**	**3635**	**3035**	**3275**	**4123**	**3930**	**2730**
83	**Top 10 pct**	**2730**	**3023**	**2934**	**1297**	**2433**	**2594**	**2648**	**2736**	**3705**	**3062**	**3483**	**4069**	**3906**	**3117**

Federal Report Surplus Deficit By Water Year

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2175	2385	675	193	1231	1098	907	554	838	413	2212	3746	4186	1135
2	1930 Federal Report Surplus Deficit	1708	1426	705	135	1234	1218	298	791	959	1036	2682	3957	1783	2386
3	1931 Federal Report Surplus Deficit	1888	1306	130	61.4	1445	1142	-53.6	-489	744	1540	583	4417	2796	2137
4	1932 Federal Report Surplus Deficit	1272	561	467	-98.7	680	1087	-49.2	-492	3446	4014	3667	4848	5288	2583
5	1933 Federal Report Surplus Deficit	2315	2591	1063	255	722	2135	2456	3316	3378	3337	3034	4748	5548	3550
6	1934 Federal Report Surplus Deficit	2345	2959	998	1244	3131	3761	3972	3889	3975	3807	3697	4637	4491	2418
7	1935 Federal Report Surplus Deficit	1573	1220	70.4	213	600	1898	2633	2892	3526	2605	2633	4653	4472	2985
8	1936 Federal Report Surplus Deficit	2431	2029	524	30.0	1084	1128	555	-15.1	1327	2033	3618	4883	5061	2191
9	1937 Federal Report Surplus Deficit	1985	1283	388	11.5	1430	1120	361	-343	819	904	660	4428	3381	1943
10	1938 Federal Report Surplus Deficit	1777	1161	314	244	769	2163	2512	2453	3400	4052	3810	4789	5065	2792
11	1939 Federal Report Surplus Deficit	1991	1533	914	331	1030	1169	1637	1270	2070	3212	3307	4793	3255	2091
12	1940 Federal Report Surplus Deficit	1446	1045	266	470	1548	2074	1582	456	3969	3314	2903	4738	3687	2043
13	1941 Federal Report Surplus Deficit	1709	990	100	260	1020	1970	765	490	1315	1195	1939	4360	3479	2334
14	1942 Federal Report Surplus Deficit	1733	1201	201	55.5	1787	2236	2252	1857	2555	2026	3095	4449	4617	3094
15	1943 Federal Report Surplus Deficit	2205	1945	1457	354	619	1746	2909	3525	3836	4109	4045	4714	5454	2747
16	1944 Federal Report Surplus Deficit	2219	2101	617	-126	1200	1092	927	607	781	412	2194	3200	1718	1784
17	1945 Federal Report Surplus Deficit	1533	691	-142	235	1180	702	229	312	885	263	201	4795	4959	1579
18	1946 Federal Report Surplus Deficit	2089	1657	567	-24.6	956	2084	2280	2366	3520	3941	3835	4798	5118	3017
19	1947 Federal Report Surplus Deficit	2402	2426	997	-170	1276	3513	3694	3850	4088	3664	3223	4799	5110	3106
20	1948 Federal Report Surplus Deficit	2224	1873	892	2915	2861	2756	3770	3288	3380	3597	3664	4994	5497	3405
21	1949 Federal Report Surplus Deficit	2442	2968	2265	250	1155	1782	2546	1657	4043	4015	3708	4864	5122	1537
22	1950 Federal Report Surplus Deficit	1506	1010	261	44.0	1084	1777	3754	3367	3943	4192	3643	4816	5348	3206
23	1951 Federal Report Surplus Deficit	2464	2973	1099	1155	3094	3598	4009	4072	4136	4183	3693	4758	4964	3347
24	1952 Federal Report Surplus Deficit	2532	2912	1055	2408	2153	2769	3493	3773	3641	4186	3918	4927	5251	2837
25	1953 Federal Report Surplus Deficit	2135	1790	319	-136	912	1169	2179	2326	3246	2780	2993	4807	5581	3281
26	1954 Federal Report Surplus Deficit	2292	2222	923	119	1438	2360	3390	3692	3949	3744	3348	4811	5206	3734
27	1955 Federal Report Surplus Deficit	2629	2956	3688	314	2336	2027	1607	1073	1590	1857	2810	4768	5467	3865
28	1956 Federal Report Surplus Deficit	2372	2761	672	520	2777	3529	4061	3924	3779	3860	3911	4854	5548	3366
29	1957 Federal Report Surplus Deficit	2437	2930	917	432	1111	2434	2474	2031	3409	4145	3293	4941	5449	2973
30	1958 Federal Report Surplus Deficit	2305	2180	722	129	1277	1539	2780	2412	3583	3635	3521	4894	5278	2600
31	1959 Federal Report Surplus Deficit	1925	1842	671	406	1805	3254	3984	4013	3906	3916	3324	4589	5295	2924
32	1960 Federal Report Surplus Deficit	2598	2995	3636	3154	3127	3127	3214	2539	3417	3979	3674	4800	5094	2836
33	1961 Federal Report Surplus Deficit	2300	1730	608	221	1137	1945	3147	2819	4018	3854	2978	4745	5342	2795
34	1962 Federal Report Surplus Deficit	2244	2198	441	-37.1	1228	1547	2604	2567	1893	4019	3838	4787	5210	1798
35	1963 Federal Report Surplus Deficit	2024	1743	560	865	2100	3080	3017	2992	3267	2583	2798	4776	4850	2879
36	1964 Federal Report Surplus Deficit	2157	1846	1116	-61.3	881	1871	1894	1362	1903	3889	2867	4779	5556	3677
37	1965 Federal Report Surplus Deficit	2428	2892	1883	1214	1961	3581	4021	3992	3857	3442	3702	4764	4896	3129
38	1966 Federal Report Surplus Deficit	2473	2891	470	471	1615	2070	2474	2011	2000	4042	3227	4659	4630	2945
39	1967 Federal Report Surplus Deficit	2347	1800	699	-94.0	1000	2094	3759	3829	3963	2926	1126	4658	5280	3294
40	1968 Federal Report Surplus Deficit	2478	2690	949	171	1687	2077	3196	3102	3902	2351	2247	4323	4988	3076
41	1969 Federal Report Surplus Deficit	2418	2568	2452	1340	2864	2789	3997	3831	3794	3968	3683	4899	5206	3076
42	1970 Federal Report Surplus Deficit	2395	2321	904	175	1441	1468	2474	2913	3201	3340	1954	4715	5308	2638
43	1971 Federal Report Surplus Deficit	1771	1453	562	-110	1112	1652	3997	3939	4253	4160	3647	4875	5515	3657
44	1972 Federal Report Surplus Deficit	2688	3012	1750	553	1297	2347	3829	3483	3871	4115	3582	4880	5468	3638
45	1973 Federal Report Surplus Deficit	2580	2889	2461	461	1371	2076	2670	1736	1200	-259	1776	4383	3387	1998
46	1974 Federal Report Surplus Deficit	1804	956	81.2	103	672	2887	3899	3780	3783	3828	3858	4836	5442	3893
47	1975 Federal Report Surplus Deficit	2543	2918	2348	-207	1255	1714	2380	2946	3815	2736	2964	4789	5454	4032
48	1976 Federal Report Surplus Deficit	2458	2756	1561	1579	3079	3816	3943	4033	4082	4016	3737	4853	5165	3506
49	1977 Federal Report Surplus Deficit	2681	2995	3771	572	1299	987	860	786	1191	-282	2048	3039	692	1842
50	1978 Federal Report Surplus Deficit	1272	535	-192	-412	639	2599	2654	2656	3153	4084	3234	4583	4537	3139
51	1979 Federal Report Surplus Deficit	2054	1720	1797	715	1372	1563	2130	970	3103	2555	3076	4801	3899	1545
52	1980 Federal Report Surplus Deficit	1429	1120	609	112	1214	1012	1706	1178	1240	3549	3319	4922	5026	2193
53	1981 Federal Report Surplus Deficit	1844	1207	747	277	1193	3261	3415	3426	3408	1212	3032	4768	5354	3113
54	1982 Federal Report Surplus Deficit	2517	2980	1571	157	1608	2495	3605	3799	4099	4126	3575	4766	5337	3410
55	1983 Federal Report Surplus Deficit	2614	3020	3044	1404	1752	2730	3833	3701	4157	4056	3318	4741	5105	3467
56	1984 Federal Report Surplus Deficit	2478	2894	1727	282	3222	2708	3354	3707	4075	4101	3721	4810	5514	3424
57	1985 Federal Report Surplus Deficit	2577	2634	1373	343	1629	2076	2130	1873	2821	3801	3488	4807	4504	1033
58	1986 Federal Report Surplus Deficit	1224	702	416	1274	2738	1909	3062	3684	4075	4043	3599	4681	5121	2634

Federal Report Surplus Deficit By Water Year

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	2178	1580	490	-143	1077	2170	1916	1000	2576	2049	2753	4731	4272	1824
60	1988 Federal Report Surplus Deficit	1315	798	228	-59.0	1084	988	507	-294	1076	1246	2723	4389	3569	2536
61	1989 Federal Report Surplus Deficit	1863	1260	296	-79.8	800	1944	1054	25.1	2691	3901	3657	4734	4526	1575
62	1990 Federal Report Surplus Deficit	1540	1287	485	27.3	1774	2180	2765	3229	3746	3385	3855	4717	5175	2711
63	1991 Federal Report Surplus Deficit	2414	2434	627	-342	2999	2955	3439	3799	3802	3832	3205	4780	5044	3289
64	1992 Federal Report Surplus Deficit	2467	2918	764	-193	1169	1386	1512	1013	2433	1225	2009	4228	2826	1738
65	1993 Federal Report Surplus Deficit	1368	772	-171	68.6	1122	1494	177	-434	2230	1947	2747	4779	4933	2444
66	1994 Federal Report Surplus Deficit	2083	1803	620	-53.5	1640	1361	570	478	845	780	2654	4640	4182	2274
67	1995 Federal Report Surplus Deficit	1763	1029	190	-167	731	1535	1392	2774	3960	2965	2636	4667	5143	2854
68	1996 Federal Report Surplus Deficit	2122	1937	1091	1654	3052	3531	3848	3927	4040	4115	3967	4830	5258	3507
69	1997 Federal Report Surplus Deficit	2556	2964	711	15.1	1492	2697	4082	3835	4059	3889	3949	4771	5460	3601
70	1998 Federal Report Surplus Deficit	2647	3009	2990	3088	2789	2560	2531	2303	2784	2710	3235	4833	5378	3004
71	1999 Federal Report Surplus Deficit	2585	2322	778	2.37	785	2373	3917	3713	4091	3831	3604	4816	5497	3623
72	2000 Federal Report Surplus Deficit	2698	3074	2095	318	3207	3117	2954	2909	3715	4098	3743	4787	4779	2881
73	2001 Federal Report Surplus Deficit	2359	1188	572	56.8	1170	1126	881	590	1206	214	2259	4001	243	1867
74	2002 Federal Report Surplus Deficit	1482	916	-156	-505	726	1520	968	1061	1740	3456	3594	4661	5198	3355
75	2003 Federal Report Surplus Deficit	2432	2076	689	-373	1511	1298	933	663	3483	3494	3181	4621	5188	1677
76	2004 Federal Report Surplus Deficit	1328	884	128	225	1329	2305	1416	148	2524	2910	2862	4687	4533	1926
77	2005 Federal Report Surplus Deficit	1427	1200	1758	337	1320	2339	2205	2031	2110	1297	2631	4559	4765	2197
78	2006 Federal Report Surplus Deficit	2100	1443	670	182	1259	1871	2706	3760	3676	4014	3859	4892	5205	2673
79	2007 Federal Report Surplus Deficit	2079	1674	385	-332	1785	1886	2972	2007	4151	3910	3277	4777	4550	2914
80	2008 Federal Report Surplus Deficit	1906	1180	70.4	236	1133	1644	1536	1239	2221	2822	1603	4781	5554	3144

Ranked Averages

81	**Bottom 10 pct**	**1329**	**821**	**405**	**181**	**1266**	**1717**	**1460**	**1060**	**2482**	**2886**	**3098**	**4681**	**4722**	**2456**
82	**Middle 80 pct**	**2147**	**1972**	**804**	**310**	**1511**	**2111**	**2485**	**2365**	**3032**	**3013**	**3038**	**4669**	**4709**	**2726**
83	**Top 10 pct**	**2643**	**2923**	**2719**	**1176**	**2074**	**2408**	**2843**	**2563**	**3102**	**3045**	**3252**	**4583**	**4685**	**3145**

Federal Report Surplus Deficit By Water Year

Operating Year 2019

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S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2196	2394	794	55.4	1325	1304	983	678	817	328	2274	2737	3154	1114
2	1930 Federal Report Surplus Deficit	1707	1558	823	-3.05	1316	1424	381	915	942	965	2744	2998	699	2195
3	1931 Federal Report Surplus Deficit	1897	1439	250	-73.1	1501	1317	30.6	-334	714	1481	647	3542	1731	1964
4	1932 Federal Report Surplus Deficit	1243	762	587	-239	843	1294	34.3	-338	3501	3977	3758	4008	4327	2385
5	1933 Federal Report Surplus Deficit	2338	2580	1168	123	954	2194	2503	3436	3430	3298	3099	3935	4596	3400
6	1934 Federal Report Surplus Deficit	2365	2904	1105	1165	3369	3822	3978	3938	3979	3783	3790	3817	3489	2221
7	1935 Federal Report Surplus Deficit	1564	1357	191	87.1	890	1982	2676	3008	3573	2562	2696	3832	3456	2797
8	1936 Federal Report Surplus Deficit	2451	2097	644	-113	1186	1328	637	123	1332	1983	3703	4042	4081	2010
9	1937 Federal Report Surplus Deficit	1998	1430	508	-133	1489	1304	443	-195	789	828	725	3544	2323	1796
10	1938 Federal Report Surplus Deficit	1784	1311	434	112	982	2221	2558	2566	3456	4015	3902	3965	4087	2590
11	1939 Federal Report Surplus Deficit	2003	1660	1026	203	1151	1395	1703	1384	2100	3172	3375	3978	2201	1925
12	1940 Federal Report Surplus Deficit	1439	1197	387	355	1601	2130	1646	585	4003	3275	2968	3918	2643	1880
13	1941 Federal Report Surplus Deficit	1704	1158	221	137	1134	2043	845	615	1321	1131	2001	3507	2432	2142
14	1942 Federal Report Surplus Deficit	1739	1348	321	-75.6	1830	2288	2304	1969	2608	1975	3162	3617	3622	2921
15	1943 Federal Report Surplus Deficit	2228	2005	1536	228	910	1851	2946	3644	3878	4084	4152	3887	4499	2548
16	1944 Federal Report Surplus Deficit	2241	2147	737	-282	1300	1312	1003	729	751	328	2255	2113	634	1656
17	1945 Federal Report Surplus Deficit	1529	877	-29.5	104	1270	988	313	447	854	170	264	3978	3974	1503
18	1946 Federal Report Surplus Deficit	2105	1772	688	-173	1113	2148	2332	2478	3574	3902	3934	3971	4141	2829
19	1947 Federal Report Surplus Deficit	2413	2431	1103	-326	1367	3560	3710	3936	4099	3626	3291	3975	4145	2927
20	1948 Federal Report Surplus Deficit	2245	1955	1004	2927	2957	2787	3785	3407	3435	3559	3753	4152	4546	3251
21	1949 Federal Report Surplus Deficit	2461	2923	2308	117	1262	1880	2587	1770	4070	3977	3794	4029	4144	1455
22	1950 Federal Report Surplus Deficit	1490	1181	377	-99.3	1208	1863	3718	3415	3909	4159	3722	3993	4386	3026
23	1951 Federal Report Surplus Deficit	2484	2918	1204	1067	3229	3648	3951	4121	4103	4150	3781	3932	3981	3189
24	1952 Federal Report Surplus Deficit	2551	2858	1161	2395	2196	2800	3513	3894	3692	4153	4018	4084	4287	2644
25	1953 Federal Report Surplus Deficit	2157	1882	437	-290	1055	1360	2234	2438	3302	2739	3058	3988	4631	3116
26	1954 Federal Report Surplus Deficit	2314	2258	1035	-20.6	1507	2405	3414	3813	3981	3707	3419	3985	4240	3600
27	1955 Federal Report Surplus Deficit	2653	2931	3699	183	2386	2086	1673	1189	1609	1804	2873	3953	4512	3732
28	1956 Federal Report Surplus Deficit	2391	2721	790	396	2861	3576	4003	3973	3745	3758	4010	4016	4597	3207
29	1957 Federal Report Surplus Deficit	2457	2874	1029	307	1229	2476	2518	2143	3466	4114	3363	4112	4500	2783
30	1958 Federal Report Surplus Deficit	2327	2222	839	-11.9	1358	1680	2819	2524	3629	3598	3598	4053	4318	2401
31	1959 Federal Report Surplus Deficit	1936	1924	788	281	1851	3290	3995	4061	3934	3879	3394	3774	4338	2731
32	1960 Federal Report Surplus Deficit	2619	2943	3681	3158	3371	3165	3237	2652	3472	3959	3760	3987	4117	2644
33	1961 Federal Report Surplus Deficit	2322	1831	727	87.7	1246	2022	3173	2932	4046	3816	3043	3922	4386	2601
34	1962 Federal Report Surplus Deficit	2265	2238	561	-183	1320	1684	2648	2680	1923	3990	3935	3966	4245	1671
35	1963 Federal Report Surplus Deficit	2043	1840	681	762	2142	3113	3045	3107	3322	2539	2862	3960	3859	2689
36	1964 Federal Report Surplus Deficit	2179	1914	1219	-210	1051	1956	1955	1476	1933	3852	2931	3961	4605	3539
37	1965 Federal Report Surplus Deficit	2448	2840	1947	1134	2003	3632	3963	4040	3823	3403	3801	3931	3922	2952
38	1966 Federal Report Surplus Deficit	2494	2846	589	351	1664	2126	2521	2122	2032	4010	3295	3825	3627	2755
39	1967 Federal Report Surplus Deficit	2368	1890	814	-238	1138	2158	3774	3878	3929	2886	1189	3843	4324	3130
40	1968 Federal Report Surplus Deficit	2497	2658	1056	37.6	1736	2134	3225	3218	3925	2306	2309	3426	4021	2896
41	1969 Federal Report Surplus Deficit	2437	2534	2476	1274	2960	2821	4008	3880	3760	3865	3775	4059	4228	2892
42	1970 Federal Report Surplus Deficit	2415	2345	1018	34.5	1508	1619	2522	3029	3258	3301	2016	3901	4351	2439
43	1971 Federal Report Surplus Deficit	1772	1584	680	-257	1230	1770	3951	3988	4250	4126	3734	4034	4562	3521
44	1972 Federal Report Surplus Deficit	2712	2960	1824	430	1387	2394	3771	3531	3837	4088	3660	4039	4516	3497
45	1973 Federal Report Surplus Deficit	2606	2853	2494	338	1444	2145	2713	1847	1198	-365	1838	3498	2337	1843
46	1974 Federal Report Surplus Deficit	1808	1121	202	-31.8	949	2918	3928	3844	3749	3725	3956	3992	4486	3764
47	1975 Federal Report Surplus Deficit	2566	2876	2391	-363	1347	1829	2431	3061	3861	2694	3029	3969	4502	3909
48	1976 Federal Report Surplus Deficit	2477	2710	1642	1517	3211	3881	3955	4082	4072	3986	3830	4015	4193	3360
49	1977 Federal Report Surplus Deficit	2704	2981	3831	455	1375	1184	936	904	1192	-385	2110	1974	-406	1704
50	1978 Federal Report Surplus Deficit	1252	730	-96.3	-569	910	2634	2696	2769	3210	4051	3305	3763	3535	2962
51	1979 Federal Report Surplus Deficit	2072	1813	1855	608	1446	1695	2184	1088	3160	2510	3141	3976	2860	1454
52	1980 Federal Report Surplus Deficit	1409	1282	729	-26.1	1299	1295	1772	1294	1238	3511	3393	4080	4061	2020
53	1981 Federal Report Surplus Deficit	1857	1349	858	147	1283	3298	3434	3547	3460	1148	3099	3954	4402	2942
54	1982 Federal Report Surplus Deficit	2536	2924	1652	16.7	1661	2534	3624	3848	4111	4090	3652	3929	4380	3256
55	1983 Federal Report Surplus Deficit	2635	2972	3052	1330	1799	2763	3830	3750	4124	4019	3387	3914	4132	3315
56	1984 Federal Report Surplus Deficit	2499	2849	1800	148	3388	2742	3380	3829	4106	4075	3814	3984	4562	3271
57	1985 Federal Report Surplus Deficit	2596	2620	1464	208	1684	2141	2184	1985	2877	3764	3565	3978	3488	1021
58	1986 Federal Report Surplus Deficit	1191	895	537	1193	2817	1988	3096	3804	4104	4008	3684	3867	4151	2436

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
59	1987 Federal Report Surplus Deficit	2198	1700	608	-295	1206	2227	1976	1117	2628	1999	2817	3915	3256	1687
60	1988 Federal Report Surplus Deficit	1292	980	346	-200	1170	1276	590	-146	1066	1179	2786	3503	2517	2338
61	1989 Federal Report Surplus Deficit	1871	1407	414	-228	999	2021	1130	162	2742	3864	3747	3918	3513	1481
62	1990 Federal Report Surplus Deficit	1534	1435	606	-116	1818	2229	2804	3348	3787	3347	3955	3903	4204	2512
63	1991 Federal Report Surplus Deficit	2435	2442	746	-498	3125	2987	3460	3924	3834	3794	3275	3960	4072	3133
64	1992 Federal Report Surplus Deficit	2487	2863	879	-346	1269	1554	1578	1129	2483	1161	2071	3316	1762	1613
65	1993 Federal Report Surplus Deficit	1348	949	-59.9	-64.0	1220	1635	261	-281	2268	1894	2810	3965	3941	2251
66	1994 Federal Report Surplus Deficit	2099	1900	741	-201	1687	1511	652	603	822	703	2717	3822	3162	2092
67	1995 Federal Report Surplus Deficit	1764	1190	311	-313	936	1669	1463	2887	3988	2924	2699	3841	4179	2656
68	1996 Federal Report Surplus Deficit	2141	2016	1198	1597	3315	3563	3790	3976	4067	4082	4071	3995	4301	3365
69	1997 Federal Report Surplus Deficit	2576	2909	830	-131	1558	2730	4041	3926	4024	3786	4052	3933	4508	3460
70	1998 Federal Report Surplus Deficit	2670	2964	2999	3106	2875	2597	2577	2415	2839	2668	3302	3990	4426	2801
71	1999 Federal Report Surplus Deficit	2604	2360	895	-146	1003	2418	3908	3761	4058	3794	3681	3992	4544	3479
72	2000 Federal Report Surplus Deficit	2720	3038	2147	188	3387	3149	2989	3024	3763	4064	3839	3972	3777	2688
73	2001 Federal Report Surplus Deficit	2381	1348	692	-87.0	1261	1330	956	713	1207	125	2321	3044	-861	1735
74	2002 Federal Report Surplus Deficit	1469	1092	-75.9	-661	941	1662	1045	1177	1763	3418	3680	3835	4235	3191
75	2003 Federal Report Surplus Deficit	2454	2148	808	-531	1564	1483	1011	785	3537	3456	3249	3802	4219	1579
76	2004 Federal Report Surplus Deficit	1295	1071	243	98.8	1397	2352	1486	282	2576	2869	2926	3868	3528	1787
77	2005 Federal Report Surplus Deficit	1410	1350	1818	210	1398	2384	2254	2143	2151	1236	2694	3745	3767	2030
78	2006 Federal Report Surplus Deficit	2113	1588	789	51.3	1346	1956	2747	3882	3717	3988	3957	4050	4238	2476
79	2007 Federal Report Surplus Deficit	2093	1789	505	-488	1830	1970	3006	2119	4164	3873	3347	3964	3540	2719
80	2008 Federal Report Surplus Deficit	1912	1342	181	110	1229	1760	1604	1354	2261	2780	1665	3941	4603	2961
Ranked Averages															
81	**Bottom 10 pct**	**1305**	**1002**	**513**	**50.4**	**1382**	**1857**	**1524**	**1191**	**2514**	**2841**	**3170**	**3850**	**3728**	**2276**
82	**Middle 80 pct**	**2161**	**2026**	**885**	**175**	**1616**	**2211**	**2541**	**2500**	**3096**	**3029**	**3143**	**3833**	**3756**	**2594**
83	**Top 10 pct**	**2665**	**2955**	**2966**	**1149**	**2253**	**2435**	**2716**	**2414**	**2754**	**2481**	**3096**	**3666**	**3426**	**2778**

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
1	1929 Federal Report Surplus Deficit	2225	2268	585	28.7	733	1204	901	556	899	388	2267	3618	3930	756
2	1930 Federal Report Surplus Deficit	1691	1341	614	-26.5	742	1324	291	792	1012	1003	2734	3851	1525	2044
3	1931 Federal Report Surplus Deficit	1907	1223	42.7	-109	979	1217	-66.3	-504	815	1492	611	4342	2536	1796
4	1932 Federal Report Surplus Deficit	1163	598	379	-255	166	1194	-65.5	-509	3293	3862	3672	4799	5032	2239
5	1933 Federal Report Surplus Deficit	2365	2478	955	80.1	210	2087	2430	3318	3215	3205	3078	4684	5281	3204
6	1934 Federal Report Surplus Deficit	2365	2855	892	1019	3120	3688	3895	3817	3771	3726	3704	4571	4239	2074
7	1935 Federal Report Surplus Deficit	1529	1140	-16.3	26.9	98.6	1878	2604	2897	3353	2512	2686	4591	4219	2630
8	1936 Federal Report Surplus Deficit	2454	1913	437	-118	582	1227	548	-21.0	1344	1968	3626	4836	4808	1850
9	1937 Federal Report Surplus Deficit	2015	1214	300	-132	960	1204	354	-355	889	874	686	4350	3122	1599
10	1938 Federal Report Surplus Deficit	1789	1095	226	69.5	255	2113	2486	2460	3257	3899	3817	4724	4812	2446
11	1939 Federal Report Surplus Deficit	2016	1444	814	149	522	1295	1626	1276	2039	3096	3343	4728	2996	1750
12	1940 Federal Report Surplus Deficit	1412	981	179	268	1090	2022	1570	455	3779	3187	2949	4677	3430	1701
13	1941 Federal Report Surplus Deficit	1680	949	12.9	69.0	514	1937	759	491	1331	1155	1994	4292	3221	1992
14	1942 Federal Report Surplus Deficit	1742	1131	114	-121	1358	2179	2231	1865	2462	1965	3132	4386	4366	2737
15	1943 Federal Report Surplus Deficit	2253	1827	1312	167	117	1749	2875	3527	3655	4024	4079	4650	5191	2398
16	1944 Federal Report Surplus Deficit	2269	1982	529	-231	699	1211	921	609	852	386	2249	3036	1460	1437
17	1945 Federal Report Surplus Deficit	1508	685	-240	59.3	684	886	218	308	955	239	210	4732	4705	1233
18	1946 Federal Report Surplus Deficit	2126	1560	481	-156	442	2042	2259	2373	3365	3789	3855	4734	4864	2661
19	1947 Federal Report Surplus Deficit	2423	2310	890	-272	779	3425	3637	3815	3885	3525	3259	4734	4856	2749
20	1948 Federal Report Surplus Deficit	2266	1760	792	2764	2623	2668	3712	3291	3228	3454	3671	4970	5230	3054
21	1949 Federal Report Surplus Deficit	2442	2850	2071	76.9	651	1777	2515	1665	3848	3861	3715	4807	4865	1208
22	1950 Federal Report Surplus Deficit	1438	974	169	-104	575	1759	3635	3294	3690	4059	3655	4750	5092	2850
23	1951 Federal Report Surplus Deficit	2464	2869	989	932	2927	3512	3868	4000	3883	4046	3697	4693	4714	2996
24	1952 Federal Report Surplus Deficit	2541	2810	947	2216	1764	2681	3441	3774	3476	4053	3934	4891	4995	2488
25	1953 Federal Report Surplus Deficit	2186	1681	229	-248	400	1260	2160	2334	3107	2677	3040	4741	5310	2927
26	1954 Federal Report Surplus Deficit	2342	2103	823	-37.8	956	2294	3342	3693	3758	3600	3375	4746	4952	3412
27	1955 Federal Report Surplus Deficit	2631	2816	3456	137	1985	1979	1597	1079	1584	1799	2860	4706	5205	3548
28	1956 Federal Report Surplus Deficit	2378	2656	582	329	2515	3441	3920	3852	3526	3683	3926	4801	5281	3015
29	1957 Federal Report Surplus Deficit	2439	2827	818	245	604	2363	2446	2039	3268	4020	3324	4921	5177	2618
30	1958 Federal Report Surplus Deficit	2354	2061	630	-26.5	787	1579	2748	2420	3408	3489	3536	4853	5020	2254
31	1959 Federal Report Surplus Deficit	1950	1730	579	219	1364	3160	3920	3941	3712	3763	3354	4524	5035	2570
32	1960 Federal Report Surplus Deficit	2597	2884	3452	3057	3123	3034	3165	2546	3269	3934	3678	4737	4842	2482
33	1961 Federal Report Surplus Deficit	2348	1625	519	47.8	632	1917	3102	2826	3824	3701	3025	4679	5081	2442
34	1962 Federal Report Surplus Deficit	2294	2079	353	-176	730	1583	2576	2574	1862	3915	3849	4722	4955	1450
35	1963 Federal Report Surplus Deficit	2072	1635	473	650	1706	2987	2973	2998	3116	2499	2848	4714	4599	2524
36	1964 Federal Report Surplus Deficit	2207	1730	1004	-191	367	1852	1880	1369	1872	3736	2917	4714	5288	3350
37	1965 Federal Report Surplus Deficit	2433	2780	1717	989	1546	3495	3880	3920	3604	3314	3717	4704	4644	2771
38	1966 Federal Report Surplus Deficit	2473	2772	380	275	1162	2017	2449	2019	1965	3912	3260	4596	4378	2590
39	1967 Federal Report Surplus Deficit	2381	1690	605	-240	488	2052	3701	3757	3710	2820	1167	4593	5019	2940
40	1968 Federal Report Surplus Deficit	2487	2582	843	-1.40	1233	2025	3153	3107	3705	2269	2302	4240	4734	2719
41	1969 Federal Report Surplus Deficit	2435	2461	2233	1115	2628	2701	3925	3759	3541	3790	3689	4852	4948	2718
42	1970 Federal Report Surplus Deficit	2418	2203	807	21.0	961	1518	2449	2918	3058	3215	2007	4651	5049	2292
43	1971 Federal Report Surplus Deficit	1764	1367	472	-244	604	1669	3868	3867	4050	4018	3651	4830	5249	3323
44	1972 Federal Report Surplus Deficit	2690	2904	1598	361	801	2284	3688	3410	3618	4025	3596	4832	5202	3305
45	1973 Federal Report Surplus Deficit	2584	2762	2254	271	886	2039	2641	1743	1231	-285	1829	4304	3129	1655
46	1974 Federal Report Surplus Deficit	1807	911	-5.65	-65.7	166	2797	3847	3723	3530	3650	3871	4783	5182	3584
47	1975 Federal Report Surplus Deficit	2544	2796	2154	-308	758	1727	2358	2951	3639	2637	3011	4723	5188	3746
48	1976 Federal Report Surplus Deficit	2461	2652	1419	1354	2908	3742	3881	3961	3852	3905	3743	4801	4910	3164
49	1977 Federal Report Surplus Deficit	2682	2844	3610	373	811	1084	854	790	1218	-306	2103	2859	437	1496
50	1978 Federal Report Surplus Deficit	1189	555	-312	-489	132	2518	2624	2662	3016	3953	3262	4518	4286	2782
51	1979 Federal Report Surplus Deficit	2099	1611	1624	505	887	1594	2111	974	2983	2472	3119	4736	3642	1188
52	1980 Federal Report Surplus Deficit	1350	1069	521	-48.6	720	1193	1695	1184	1268	3407	3339	4889	4771	1852
53	1981 Federal Report Surplus Deficit	1873	1132	646	97.2	697	3168	3361	3428	3246	1173	3073	4704	5086	2757
54	1982 Federal Report Surplus Deficit	2524	2875	1429	2.97	1148	2420	3552	3727	3899	3978	3589	4711	5077	3061
55	1983 Federal Report Surplus Deficit	2613	2904	2803	1178	1304	2645	3747	3629	3904	3903	3350	4677	4852	3119
56	1984 Federal Report Surplus Deficit	2478	2775	1574	110	3105	2624	3309	3709	3883	4010	3732	4745	5249	3076
57	1985 Federal Report Surplus Deficit	2579	2522	1246	174	1164	2034	2111	1881	2708	3652	3502	4743	4250	644
58	1986 Federal Report Surplus Deficit	1102	714	329	1049	2466	1883	3025	3686	3880	3901	3606	4618	4866	2290

Federal Report Surplus Deficit By Water Year

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	2226	1486	400	-260	566	2119	1901	1005	2485	1986	2805	4669	4019	1479
60	1988 Federal Report Surplus Deficit	1225	785	138	-212	590	1174	500	-305	1119	1208	2773	4311	3311	2191
61	1989 Federal Report Surplus Deficit	1879	1190	205	-212	286	1916	1048	20.0	2603	3750	3661	4668	4273	1219
62	1990 Federal Report Surplus Deficit	1507	1219	399	-119	1344	2119	2732	3232	3564	3256	3871	4653	4923	2363
63	1991 Federal Report Surplus Deficit	2449	2317	538	-419	2817	2863	3389	3798	3611	3678	3237	4714	4792	2939
64	1992 Federal Report Surplus Deficit	2480	2816	670	-304	668	1453	1501	1018	2350	1185	2064	4140	2566	1390
65	1993 Federal Report Surplus Deficit	1286	748	-271	-105	622	1534	166	-447	2183	1890	2799	4714	4682	2101
66	1994 Federal Report Surplus Deficit	2122	1696	533	-187	1192	1411	564	479	909	751	2707	4578	3928	1933
67	1995 Federal Report Surplus Deficit	1754	977	103	-307	216	1568	1384	2781	3766	2861	2690	4604	4888	2501
68	1996 Federal Report Surplus Deficit	2168	1823	985	1430	3075	3444	3707	3855	3842	3978	3993	4772	4999	3170
69	1997 Federal Report Surplus Deficit	2556	2859	621	-125	1014	2613	3959	3804	3805	3711	3973	4717	5193	3270
70	1998 Federal Report Surplus Deficit	2648	2891	2750	2959	2531	2483	2505	2310	2678	2615	3275	4795	5114	2645
71	1999 Federal Report Surplus Deficit	2594	2203	685	-131	272	2307	3825	3641	3838	3679	3617	4751	5232	3283
72	2000 Federal Report Surplus Deficit	2698	2945	1913	140	3111	3023	2917	2915	3544	3961	3753	4724	4528	2528
73	2001 Federal Report Surplus Deficit	2403	1135	484	-89.3	673	1230	875	592	1231	190	2314	3896	-8.80	1520
74	2002 Federal Report Surplus Deficit	1424	889	-298	-582	212	1562	962	1067	1724	3324	3601	4599	4943	3001
75	2003 Federal Report Surplus Deficit	2477	1961	600	-465	1049	1382	927	666	3328	3360	3217	4559	4934	1327
76	2004 Federal Report Surplus Deficit	1206	881	33.9	39.3	848	2241	1408	145	2434	2809	2911	4625	4281	1580
77	2005 Federal Report Surplus Deficit	1359	1134	1588	152	831	2273	2181	2039	2053	1253	2680	4494	4513	1856
78	2006 Federal Report Surplus Deficit	2129	1371	581	3.32	765	1852	2675	3760	3494	3922	3872	4864	4950	2332
79	2007 Federal Report Surplus Deficit	2112	1577	298	-409	1347	1866	2935	2015	3949	3758	3306	4713	4298	2562
80	2008 Federal Report Surplus Deficit	1915	1130	-30.5	48.3	634	1658	1526	1246	2166	2724	1651	4727	5285	2788

Ranked Averages

81	**Bottom 10 pct**	**1235**	**810**	**301**	**16.2**	**797**	**1751**	**1442**	**1057**	**2406**	**2786**	**3130**	**4621**	**4468**	**2112**
82	**Middle 80 pct**	**2163**	**1877**	**697**	**149**	**1073**	**2097**	**2445**	**2352**	**2905**	**2905**	**3068**	**4604**	**4451**	**2379**
83	**Top 10 pct**	**2644**	**2799**	**2534**	**1009**	**1742**	**2355**	**2787**	**2540**	**2956**	**2951**	**3279**	**4510**	**4426**	**2801**

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2138	2362	668	-75.9	806	1202	591	354	881	311	2210	2693	3267	727
2	1930 Federal Report Surplus Deficit	1553	1467	685	-132	805	1323	-18.7	593	989	902	2687	2934	813	2143
3	1931 Federal Report Surplus Deficit	1799	1348	167	-211	1015	1209	-370	-509	801	1373	536	3429	1857	1879
4	1932 Federal Report Surplus Deficit	952	705	488	-362	295	1193	-367	-512	3209	3713	3666	3836	4269	2346
5	1933 Federal Report Surplus Deficit	2273	2563	986	-20.8	390	2064	2154	3046	3136	3058	3042	3734	4473	3297
6	1934 Federal Report Surplus Deficit	2233	2911	924	963	3126	3670	3678	3582	3735	3555	3696	3606	3558	2180
7	1935 Federal Report Surplus Deficit	1371	1266	138	-69.0	320	1856	2334	2606	3280	2369	2638	3658	3550	2740
8	1936 Federal Report Surplus Deficit	2328	2028	613	-227	662	1224	238	-129	1300	1835	3620	3875	4091	1940
9	1937 Federal Report Surplus Deficit	1915	1339	499	-242	999	1198	44.3	-400	876	782	610	3437	2449	1662
10	1938 Federal Report Surplus Deficit	1674	1220	449	-31.5	421	2090	2210	2161	3170	3750	3810	3755	4093	2558
11	1939 Federal Report Surplus Deficit	1912	1569	851	51.4	617	1297	1326	1008	1971	2949	3315	3772	2327	1828
12	1940 Federal Report Surplus Deficit	1261	1106	299	181	1122	1999	1273	286	3723	3040	2911	3744	2765	1775
13	1941 Federal Report Surplus Deficit	1534	1071	213	-24.5	604	1915	449	296	1285	1043	1934	3375	2556	2093
14	1942 Federal Report Surplus Deficit	1625	1256	255	-221	1375	2156	1947	1572	2375	1834	3103	3461	3678	2842
15	1943 Federal Report Surplus Deficit	2158	1940	1397	71.4	339	1730	2613	3251	3589	3853	4056	3680	4401	2510
16	1944 Federal Report Surplus Deficit	2179	2090	644	-348	777	1212	613	401	838	306	2193	2094	746	1485
17	1945 Federal Report Surplus Deficit	1364	801	159	-41.1	753	902	-87.4	179	942	174	127	3792	3991	1257
18	1946 Federal Report Surplus Deficit	2030	1684	634	-269	566	2019	1975	2074	3282	3640	3842	3764	4139	2771
19	1947 Federal Report Surplus Deficit	2299	2403	922	-389	850	3416	3409	3580	3855	3377	3231	3765	4106	2856
20	1948 Federal Report Surplus Deficit	2164	1879	830	2767	2620	2647	3487	3013	3144	3307	3665	4028	4419	3149
21	1949 Federal Report Surplus Deficit	2278	2905	2296	-24.7	735	1757	2248	1380	3800	3713	3709	3838	4138	1238
22	1950 Federal Report Surplus Deficit	1261	1095	476	-213	673	1738	3419	3060	3648	3903	3645	3783	4333	2957
23	1951 Federal Report Surplus Deficit	2296	2924	1021	869	2928	3503	3651	3765	3841	3892	3691	3724	4007	3093
24	1952 Federal Report Surplus Deficit	2392	2869	978	2212	1769	2661	3206	3509	3398	3897	3921	3938	4237	2600
25	1953 Federal Report Surplus Deficit	2096	1801	481	-364	513	1255	1873	2036	3019	2533	3001	3778	4491	3027
26	1954 Federal Report Surplus Deficit	2252	2208	860	-145	1006	2271	3101	3427	3704	3453	3355	3777	4205	3494
27	1955 Federal Report Surplus Deficit	2450	2877	3799	37.2	1984	1955	1296	824	1526	1671	2817	3764	4415	3631
28	1956 Federal Report Surplus Deficit	2226	2725	654	236	2511	3432	3703	3617	3483	3547	3913	3835	4469	3112
29	1957 Federal Report Surplus Deficit	2278	2883	855	149	697	2340	2174	1743	3180	3862	3301	3984	4350	2728
30	1958 Federal Report Surplus Deficit	2261	2168	689	-134	848	1566	2481	2121	3336	3342	3525	3895	4252	2362
31	1959 Federal Report Surplus Deficit	1846	1848	641	123	1386	3147	3704	3706	3663	3615	3332	3568	4256	2681
32	1960 Federal Report Surplus Deficit	2423	2938	3580	2987	3129	3021	2925	2248	3183	3752	3672	3789	4118	2593
33	1961 Federal Report Surplus Deficit	2254	1747	606	-53.7	718	1895	2855	2528	3774	3554	2987	3712	4297	2554
34	1962 Federal Report Surplus Deficit	2205	2185	448	-287	802	1569	2304	2276	2630	3632	3839	3755	4204	1496
35	1963 Federal Report Surplus Deficit	1984	1757	608	574	1712	2971	2725	2705	3031	2359	2805	3775	3904	2635
36	1964 Federal Report Surplus Deficit	2117	1845	1036	-304	500	1831	1585	1097	1804	3587	2875	3751	4477	3434
37	1965 Federal Report Surplus Deficit	2277	2835	1856	932	1558	3487	3664	3685	3561	3166	3704	3734	3918	2876
38	1966 Federal Report Surplus Deficit	2302	2827	455	184	1190	1994	2172	1721	2371	3687	3235	3672	3700	2701
39	1967 Federal Report Surplus Deficit	2269	1810	655	-350	598	2029	3476	3522	3668	2675	1095	3641	4235	3040
40	1968 Federal Report Surplus Deficit	2339	2657	875	-103	1262	2002	2903	2818	3661	2130	2246	3327	3990	2827
41	1969 Federal Report Surplus Deficit	2300	2534	2545	1070	2625	2681	3708	3524	3499	3654	3682	3891	4216	2825
42	1970 Federal Report Surplus Deficit	2290	2303	849	-86.5	1010	1507	2172	2627	2971	3068	1944	3703	4271	2401
43	1971 Federal Report Surplus Deficit	1635	1492	552	-357	698	1652	3652	3633	4036	3866	3645	3869	4445	3410
44	1972 Federal Report Surplus Deficit	2509	2958	1699	268	870	2261	3471	3175	3576	3857	3586	3870	4396	3391
45	1973 Federal Report Surplus Deficit	2401	2819	2521	177	940	2016	2371	1453	1193	-331	1766	3391	2462	1723
46	1974 Federal Report Surplus Deficit	1685	1033	166	-169	378	2778	3617	3485	3487	3514	3859	3823	4399	3665
47	1975 Federal Report Surplus Deficit	2364	2852	2377	-426	829	1710	2076	2660	3568	2493	2973	3758	4384	3822
48	1976 Federal Report Surplus Deficit	2301	2718	1495	1312	2908	3732	3663	3726	3810	3742	3736	3835	4171	3255
49	1977 Federal Report Surplus Deficit	2501	2909	3635	284	868	1080	545	554	1178	-354	2043	1907	-316	1552
50	1978 Federal Report Surplus Deficit	998	666	335	-609	340	2496	2354	2365	2928	3797	3241	3552	3606	2888
51	1979 Federal Report Surplus Deficit	2009	1732	1785	425	941	1580	1825	740	2893	2333	3084	3767	2979	1208
52	1980 Federal Report Surplus Deficit	1162	1193	616	-154	786	1207	1396	926	1229	3260	3324	3938	4019	1937
53	1981 Federal Report Surplus Deficit	1771	1258	682	-1.65	766	3155	3129	3159	3166	1062	3041	3749	4277	2861
54	1982 Federal Report Surplus Deficit	2374	2930	1508	-104	1181	2397	3318	3492	3866	3827	3578	3744	4298	3156
55	1983 Federal Report Surplus Deficit	2441	2958	3195	1126	1329	2624	3531	3394	3862	3754	3325	3707	4123	3212
56	1984 Federal Report Surplus Deficit	2307	2830	1677	8.00	3109	2603	3063	3443	3831	3841	3724	3776	4446	3171
57	1985 Federal Report Surplus Deficit	2419	2606	1295	71.0	1199	2012	1825	1588	2619	3504	3491	3773	3581	604
58	1986 Federal Report Surplus Deficit	875	826	509	991	2462	1861	2767	3414	3829	3748	3600	3671	4127	2399

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	2138	1610	473	-375	669	2096	1608	761	2398	1855	2760	3730	3350	1533
60	1988 Federal Report Surplus Deficit	1028	902	402	-320	656	1191	190	-355	1089	1101	2730	3398	2643	2298
61	1989 Federal Report Surplus Deficit	1768	1316	484	-325	441	1894	739	-98.4	2517	3603	3655	3710	3602	1242
62	1990 Federal Report Surplus Deficit	1357	1344	549	-229	1361	2095	2467	2955	3499	3108	3858	3698	4189	2474
63	1991 Federal Report Surplus Deficit	2339	2411	624	-539	2816	2845	3151	3551	3556	3530	3213	3749	4061	3034
64	1992 Federal Report Surplus Deficit	2338	2873	722	-420	746	1445	1201	769	2265	1073	2004	3227	1889	1436
65	1993 Federal Report Surplus Deficit	1096	867	152	-207	699	1521	-140	-470	2108	1763	2753	3759	3990	2202
66	1994 Federal Report Surplus Deficit	2029	1818	675	-300	1217	1399	253	287	893	660	2660	3644	3262	2024
67	1995 Federal Report Surplus Deficit	1622	1101	231	-418	376	1554	1079	2483	3717	2716	2641	3676	4137	2614
68	1996 Federal Report Surplus Deficit	2078	1941	1017	1393	3078	3401	3490	3620	3791	3824	3974	3803	4220	3258
69	1997 Federal Report Surplus Deficit	2389	2914	697	-236	1061	2592	3742	3543	3764	3575	3955	3750	4385	3355
70	1998 Federal Report Surplus Deficit	2468	2946	3137	2955	2527	2460	2229	2011	2589	2472	3244	3841	4321	2755
71	1999 Federal Report Surplus Deficit	2446	2309	745	-243	441	2284	3608	3406	3796	3531	3606	3782	4429	3373
72	2000 Federal Report Surplus Deficit	2521	3003	2098	40.3	3116	3007	2658	2621	3469	3806	3743	3782	3848	2640
73	2001 Federal Report Surplus Deficit	2303	1259	578	-199	743	1228	566	384	1191	119	2258	2979	-787	1571
74	2002 Federal Report Surplus Deficit	1254	1009	555	-702	380	1549	653	813	1663	3177	3595	3671	4186	3101
75	2003 Federal Report Surplus Deficit	2379	2077	683	-583	1083	1377	617	454	3245	3212	3189	3624	4194	1357
76	2004 Federal Report Surplus Deficit	979	996	374	-56.8	897	2217	1104	9.64	2347	2664	2870	3692	3603	1636
77	2005 Federal Report Surplus Deficit	1180	1259	1738	55.2	890	2249	1902	1741	2219	526	2638	3538	3827	1934
78	2006 Federal Report Surplus Deficit	2027	1496	679	-96.1	831	1831	2407	3498	3428	3753	3860	3918	4203	2440
79	2007 Federal Report Surplus Deficit	2013	1701	505	-529	1367	1844	2677	1718	3917	3610	3284	3760	3626	2674
80	2008 Federal Report Surplus Deficit	1799	1253	403	-47.1	709	1641	1224	979	2088	2580	1583	3761	4472	2896

Ranked Averages

81	**Bottom 10 pct**	**1034**	**927**	**577**	**-82.7**	**878**	**1742**	**1151**	**890**	**2370**	**2572**	**3103**	**3673**	**3760**	**2205**
82	**Middle 80 pct**	**2038**	**1978**	**830**	**52.3**	**1141**	**2081**	**2178**	**2108**	**2869**	**2765**	**3038**	**3654**	**3713**	**2463**
83	**Top 10 pct**	**2470**	**2862**	**2736**	**932**	**1783**	**2336**	**2533**	**2279**	**2897**	**2811**	**3254**	**3555**	**3667**	**2893**

Federal Report Surplus Deficit By Water Year

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2156	2253	528	-130	620	1042	703	231	880	289	2222	3443	3903	795
2	1930 Federal Report Surplus Deficit	1563	1373	543	-185	629	1162	92.4	467	990	904	2690	3673	1498	2083
3	1931 Federal Report Surplus Deficit	1813	1255	35.1	-261	873	1058	-261	-823	800	1400	572	4174	2514	1838
4	1932 Federal Report Surplus Deficit	952	685	353	-409	55.9	1032	-263	-834	3274	3767	3630	4628	5005	2280
5	1933 Federal Report Surplus Deficit	2292	2459	832	-76.0	99.5	1925	2233	2994	3197	3109	3036	4515	5256	3244
6	1934 Federal Report Surplus Deficit	2249	2832	771	867	3017	3529	3713	3508	3757	3634	3665	4402	4219	2117
7	1935 Federal Report Surplus Deficit	1378	1175	10.8	-127	-10.9	1715	2406	2573	3331	2417	2645	4420	4193	2671
8	1936 Federal Report Surplus Deficit	2345	1916	489	-277	469	1066	350	-346	1327	1873	3585	4665	4782	1890
9	1937 Federal Report Surplus Deficit	1930	1254	379	-288	851	1042	156	-678	872	779	645	4179	3097	1639
10	1938 Federal Report Surplus Deficit	1687	1138	332	-86.7	142	1952	2288	2136	3239	3803	3775	4548	4783	2485
11	1939 Federal Report Surplus Deficit	1927	1472	700	-8.71	409	1132	1428	953	2021	3000	3301	4554	2971	1792
12	1940 Federal Report Surplus Deficit	1269	1025	166	112	978	1860	1372	133	3760	3092	2907	4503	3404	1742
13	1941 Federal Report Surplus Deficit	1542	1004	93.1	-86.7	405	1775	561	168	1312	1059	1951	4118	3195	2031
14	1942 Federal Report Surplus Deficit	1638	1171	126	-276	1245	2017	2033	1540	2444	1868	3090	4214	4338	2777
15	1943 Federal Report Surplus Deficit	2177	1827	1241	7.99	5.24	1587	2678	3203	3635	3926	4035	4472	5159	2436
16	1944 Federal Report Surplus Deficit	2198	1977	509	-388	588	1049	724	284	833	289	2206	2864	1433	1477
17	1945 Federal Report Surplus Deficit	1373	755	68.1	-96.8	575	724	20.7	-16.2	935	137	162	4554	4675	1272
18	1946 Federal Report Surplus Deficit	2046	1582	507	-318	330	1880	2062	2048	3346	3691	3811	4556	4835	2698
19	1947 Federal Report Surplus Deficit	2317	2294	769	-429	666	3263	3440	3501	3864	3424	3212	4558	4827	2787
20	1948 Federal Report Surplus Deficit	2183	1768	680	2606	2511	2506	3515	2966	3208	3357	3628	4795	5202	3094
21	1949 Federal Report Surplus Deficit	2291	2832	2152	-82.7	538	1615	2318	1340	3829	3764	3671	4629	4836	1247
22	1950 Federal Report Surplus Deficit	1265	1031	372	-262	462	1598	3450	2981	3680	3958	3607	4571	5061	2885
23	1951 Federal Report Surplus Deficit	2309	2846	867	770	2814	3350	3682	3686	3872	3944	3649	4513	4682	3032
24	1952 Federal Report Surplus Deficit	2407	2786	825	2053	1652	2520	3244	3449	3455	3955	3890	4717	4967	2526
25	1953 Federal Report Surplus Deficit	2115	1692	369	-406	289	1097	1963	2009	3087	2580	2996	4568	5282	2965
26	1954 Federal Report Surplus Deficit	2271	2095	710	-195	844	2133	3144	3369	3737	3502	3330	4571	4924	3451
27	1955 Federal Report Surplus Deficit	2460	2804	3703	-19.8	1875	1816	1399	754	1563	1703	2817	4532	5177	3584
28	1956 Federal Report Surplus Deficit	2240	2632	513	168	2403	3280	3734	3538	3516	3595	3880	4625	5252	3053
29	1957 Federal Report Surplus Deficit	2291	2803	705	82.4	491	2202	2248	1714	3246	3921	3278	4746	5148	2655
30	1958 Federal Report Surplus Deficit	2280	2055	545	-184	676	1417	2550	2095	3388	3391	3492	4681	4993	2293
31	1959 Federal Report Surplus Deficit	1861	1738	497	61.9	1256	2999	3722	3627	3689	3660	3305	4349	5007	2608
32	1960 Federal Report Surplus Deficit	2435	2864	3484	2901	3015	2872	2967	2221	3246	3832	3629	4564	4817	2523
33	1961 Federal Report Surplus Deficit	2273	1641	467	-107	525	1754	2904	2501	3803	3604	2981	4506	5056	2482
34	1962 Federal Report Surplus Deficit	2224	2072	311	-331	617	1421	2378	2249	1841	3815	3802	4548	4929	1487
35	1963 Federal Report Surplus Deficit	2002	1650	477	496	1601	2825	2776	2673	3096	2402	2804	4542	4574	2564
36	1964 Federal Report Surplus Deficit	2136	1732	882	-346	254	1691	1682	1045	1851	3637	2873	4539	5260	3386
37	1965 Federal Report Surplus Deficit	2291	2760	1705	827	1433	3334	3694	3606	3593	3212	3669	4525	4612	2803
38	1966 Federal Report Surplus Deficit	2314	2754	314	116	1050	1855	2250	1694	1942	3810	3212	4421	4353	2630
39	1967 Federal Report Surplus Deficit	2287	1701	509	-394	383	1890	3503	3443	3699	2721	1121	4416	4991	2977
40	1968 Federal Report Surplus Deficit	2354	2559	722	-158	1120	1863	2956	2783	3682	2172	2258	4064	4705	2753
41	1969 Federal Report Surplus Deficit	2316	2437	2412	952	2515	2539	3735	3445	3530	3703	3643	4677	4921	2758
42	1970 Federal Report Surplus Deficit	2307	2191	700	-135	848	1357	2252	2594	3036	3114	1960	4474	5018	2327
43	1971 Federal Report Surplus Deficit	1646	1398	412	-407	492	1508	3683	3554	4027	3915	3601	4648	5215	3356
44	1972 Federal Report Surplus Deficit	2519	2883	1545	198	689	2123	3502	3096	3607	3922	3547	4650	5169	3338
45	1973 Federal Report Surplus Deficit	2410	2746	2382	111	773	1877	2443	1419	1208	-384	1784	4129	3101	1693
46	1974 Federal Report Surplus Deficit	1697	964	41.5	-228	54.3	2636	3650	3409	3520	3562	3825	4599	5149	3618
47	1975 Federal Report Surplus Deficit	2374	2779	2233	-471	645	1565	2160	2627	3617	2537	2964	4544	5156	3779
48	1976 Federal Report Surplus Deficit	2314	2628	1340	1192	2796	3582	3683	3647	3842	3805	3697	4624	4882	3196
49	1977 Federal Report Surplus Deficit	2512	2834	3535	220	704	921	656	465	1195	-402	2061	2688	413	1537
50	1978 Federal Report Surplus Deficit	1001	636	277	-647	19.2	2357	2426	2337	2995	3855	3216	4344	4257	2816
51	1979 Federal Report Surplus Deficit	2027	1624	1635	343	774	1432	1913	649	2962	2375	3075	4563	3617	1227
52	1980 Federal Report Surplus Deficit	1166	1120	479	-204	607	1031	1498	859	1247	3310	3295	4715	4745	1892
53	1981 Federal Report Surplus Deficit	1787	1170	531	-57.1	585	3006	3164	3104	3226	1075	3029	4532	5062	2798
54	1982 Federal Report Surplus Deficit	2389	2852	1352	-159	1036	2259	3354	3414	3876	3875	3540	4529	5044	3094
55	1983 Federal Report Surplus Deficit	2453	2885	3074	1015	1191	2484	3562	3315	3893	3803	3303	4495	4819	3151
56	1984 Federal Report Surplus Deficit	2319	2757	1523	-52.3	2993	2464	3112	3385	3861	3907	3682	4563	5215	3109
57	1985 Federal Report Surplus Deficit	2433	2502	1139	11.6	1051	1873	1913	1556	2688	3553	3456	4568	4222	681
58	1986 Federal Report Surplus Deficit	873	791	386	887	2354	1723	2828	3361	3858	3798	3557	4437	4834	2322

Federal Report Surplus Deficit By Water Year

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	2156	1511	331	-417	454	1957	1703	680	2465	1888	2760	4495	3993	1520
60	1988 Federal Report Surplus Deficit	1031	852	292	-365	482	1013	302	-629	1096	1110	2729	4138	3286	2234
61	1989 Federal Report Surplus Deficit	1782	1231	376	-366	176	1754	850	-305	2583	3651	3616	4492	4246	1258
62	1990 Federal Report Surplus Deficit	1366	1260	421	-274	1234	1956	2534	2908	3542	3153	3821	4477	4896	2404
63	1991 Federal Report Surplus Deficit	2357	2302	485	-574	2711	2700	3191	3473	3590	3580	3191	4539	4763	2979
64	1992 Federal Report Surplus Deficit	2354	2792	576	-458	560	1291	1303	693	2329	1087	2019	3967	2542	1432
65	1993 Federal Report Surplus Deficit	1099	810	63.6	-261	515	1372	-31.5	-771	2160	1790	2752	4539	4655	2140
66	1994 Federal Report Surplus Deficit	2046	1710	545	-343	1079	1248	365	154	886	651	2661	4404	3902	1973
67	1995 Federal Report Surplus Deficit	1633	1026	99.5	-463	108	1406	1186	2456	3744	2761	2644	4428	4859	2536
68	1996 Federal Report Surplus Deficit	2095	1830	864	1268	2963	3283	3521	3541	3820	3876	3944	4596	4968	3204
69	1997 Federal Report Surplus Deficit	2402	2836	556	-287	902	2453	3775	3491	3795	3620	3923	4535	5159	3302
70	1998 Federal Report Surplus Deficit	2479	2873	3015	2796	2418	2321	2308	1986	2655	2512	3226	4616	5081	2679
71	1999 Federal Report Surplus Deficit	2461	2196	600	-293	159	2146	3640	3327	3827	3576	3568	4572	5199	3318
72	2000 Federal Report Surplus Deficit	2532	2930	1950	-22.4	2999	2861	2719	2590	3521	3860	3706	4547	4499	2567
73	2001 Federal Report Surplus Deficit	2322	1185	440	-245	566	1068	676	267	1210	88.6	2267	3721	-34.0	1562
74	2002 Federal Report Surplus Deficit	1260	950	524	-736	107	1400	764	742	1702	3221	3552	4425	4917	3043
75	2003 Federal Report Surplus Deficit	2398	1965	543	-619	943	1220	729	341	3305	3257	3168	4386	4909	1369
76	2004 Federal Report Surplus Deficit	977	952	275	-115	741	2079	1209	-180	2412	2708	2864	4451	4255	1621
77	2005 Federal Report Surplus Deficit	1185	1176	1588	-1.90	725	2110	1983	1714	2030	1153	2633	4319	4486	1896
78	2006 Federal Report Surplus Deficit	2042	1410	542	-155	652	1690	2477	3435	3471	3822	3826	4688	4920	2369
79	2007 Federal Report Surplus Deficit	2029	1599	386	-566	1239	1703	2736	1690	3927	3655	3257	4539	4271	2601
80	2008 Federal Report Surplus Deficit	1812	1180	316	-104	532	1505	1340	933	2154	2629	1610	4553	5257	2827

Ranked Averages

81	**Bottom 10 pct**	**1036**	**878**	**464**	**-140**	**687**	**1590**	**1244**	**732**	**2384**	**2686**	**3085**	**4446**	**4440**	**2150**
82	**Middle 80 pct**	**2053**	**1887**	**694**	**-8.94**	**962**	**1935**	**2249**	**2030**	**2886**	**2807**	**3023**	**4429**	**4423**	**2417**
83	**Top 10 pct**	**2481**	**2784**	**2613**	**849**	**1631**	**2193**	**2594**	**2219**	**2939**	**2851**	**3232**	**4333**	**4397**	**2837**

Federal Report Surplus Deficit By Water Year

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Federal Report Surplus Deficit	2156	2409	568	-224	736	963	465	206	872	265	2173	2660	3202	633
2	1930 Federal Report Surplus Deficit	1570	1512	585	-280	734	1083	-146	445	977	857	2650	2897	748	2050
3	1931 Federal Report Surplus Deficit	1822	1400	74.7	-352	952	974	-494	-652	798	1333	505	3402	1797	1788
4	1932 Federal Report Surplus Deficit	972	754	392	-505	227	954	-493	-661	3201	3670	3632	3806	4204	2255
5	1933 Federal Report Surplus Deficit	2289	2608	888	-166	322	1824	2028	2898	3128	3015	3008	3706	4409	3205
6	1934 Federal Report Surplus Deficit	2251	2958	828	822	3065	3434	3553	3436	3728	3516	3665	3578	3499	2091
7	1935 Federal Report Surplus Deficit	1393	1316	42.1	-212	253	1617	2207	2458	3269	2327	2605	3629	3485	2649
8	1936 Federal Report Surplus Deficit	2343	2072	511	-375	592	986	112	-277	1293	1793	3586	3844	4026	1848
9	1937 Federal Report Surplus Deficit	1935	1387	403	-387	933	959	-82.5	-548	870	740	577	3407	2386	1569
10	1938 Federal Report Surplus Deficit	1692	1267	350	-177	351	1851	2084	2013	3163	3708	3776	3721	4025	2464
11	1939 Federal Report Surplus Deficit	1929	1615	754	-95.4	547	1057	1199	862	1963	2907	3281	3740	2264	1737
12	1940 Federal Report Surplus Deficit	1280	1154	201	36.0	1052	1759	1146	140	3714	2998	2877	3711	2701	1684
13	1941 Federal Report Surplus Deficit	1553	1120	116	-169	537	1675	322	149	1277	1000	1899	3342	2491	2000
14	1942 Federal Report Surplus Deficit	1644	1304	158	-365	1305	1916	1821	1424	2368	1791	3069	3430	3612	2749
15	1943 Federal Report Surplus Deficit	2174	1984	1295	-76.6	269	1491	2488	3103	3580	3807	4019	3644	4330	2415
16	1944 Federal Report Surplus Deficit	2196	2135	542	-494	709	973	486	253	831	262	2158	2063	681	1393
17	1945 Federal Report Surplus Deficit	1383	848	61.1	-186	687	663	-214	31.3	932	126	87.2	3756	3923	1164
18	1946 Federal Report Surplus Deficit	2045	1728	530	-420	497	1780	1849	1925	3274	3595	3806	3728	4071	2676
19	1947 Federal Report Surplus Deficit	2319	2451	823	-535	779	3177	3283	3429	3845	3330	3192	3731	4039	2762
20	1948 Federal Report Surplus Deficit	2181	1923	730	2621	2550	2409	3362	2865	3135	3262	3629	3994	4353	3056
21	1949 Federal Report Surplus Deficit	2297	2953	2199	-173	665	1518	2122	1232	3792	3669	3673	3802	4071	1144
22	1950 Federal Report Surplus Deficit	1279	1142	376	-360	603	1499	3290	2909	3634	3855	3606	3745	4264	2860
23	1951 Federal Report Surplus Deficit	2309	2966	913	718	2858	3265	3521	3614	3826	3843	3650	3685	3937	2997
24	1952 Federal Report Surplus Deficit	2406	2911	873	2061	1700	2423	3080	3361	3388	3852	3884	3906	4171	2506
25	1953 Federal Report Surplus Deficit	2109	1843	381	-511	444	1016	1747	1888	3010	2488	2965	3745	4424	2933
26	1954 Federal Report Surplus Deficit	2269	2254	761	-290	936	2032	2974	3279	3694	3407	3317	3743	4139	3402
27	1955 Federal Report Surplus Deficit	2468	2924	3701	-109	1917	1716	1170	676	1517	1627	2782	3732	4349	3534
28	1956 Federal Report Surplus Deficit	2238	2767	555	85.1	2441	3194	3574	3466	3470	3511	3875	3800	4403	3018
29	1957 Federal Report Surplus Deficit	2299	2932	754	-1.90	626	2102	2048	1595	3169	3815	3263	3950	4283	2633
30	1958 Federal Report Surplus Deficit	2276	2212	588	-280	780	1327	2355	1973	3328	3296	3488	3864	4186	2269
31	1959 Federal Report Surplus Deficit	1863	1893	541	-22.3	1321	2908	3578	3554	3651	3564	3290	3534	4190	2588
32	1960 Federal Report Surplus Deficit	2442	2986	3483	2842	3063	2782	2798	2100	3172	3702	3631	3757	4055	2503
33	1961 Federal Report Surplus Deficit	2273	1795	508	-197	654	1655	2728	2380	3765	3509	2951	3680	4234	2462
34	1962 Federal Report Surplus Deficit	2225	2234	346	-431	731	1330	2177	2128	2619	3585	3800	3723	4140	1401
35	1963 Federal Report Surplus Deficit	2002	1805	507	430	1650	2732	2600	2557	3022	2314	2769	3744	3841	2543
36	1964 Federal Report Surplus Deficit	2136	1892	940	-449	430	1592	1459	949	1794	3542	2838	3717	4411	3338
37	1965 Federal Report Surplus Deficit	2287	2874	1747	781	1488	3248	3533	3534	3546	3118	3664	3696	3849	2776
38	1966 Federal Report Surplus Deficit	2315	2869	353	36.0	1120	1755	2045	1573	2359	3638	3195	3639	3636	2608
39	1967 Federal Report Surplus Deficit	2289	1859	560	-493	535	1789	3349	3371	3654	2629	1057	3605	4169	2944
40	1968 Federal Report Surplus Deficit	2352	2698	775	-249	1191	1763	2777	2670	3649	2085	2210	3293	3922	2728
41	1969 Federal Report Surplus Deficit	2309	2572	2439	919	2555	2442	3577	3373	3485	3619	3644	3856	4152	2734
42	1970 Federal Report Surplus Deficit	2310	2351	751	-231	939	1268	2046	2479	2961	3020	1905	3667	4202	2304
43	1971 Federal Report Surplus Deficit	1645	1531	444	-508	629	1414	3522	3482	4025	3815	3603	3828	4373	3310
44	1972 Federal Report Surplus Deficit	2521	2998	1593	117	801	2022	3341	3024	3562	3807	3544	3829	4324	3292
45	1973 Federal Report Surplus Deficit	2414	2860	2415	28.2	870	1777	2244	1305	1182	-377	1728	3357	2395	1629
46	1974 Federal Report Surplus Deficit	1700	1077	63.0	-320	309	2539	3492	3337	3474	3479	3822	3784	4328	3566
47	1975 Federal Report Surplus Deficit	2375	2891	2272	-577	759	1471	1950	2512	3556	2446	2934	3720	4314	3722
48	1976 Federal Report Surplus Deficit	2310	2756	1389	1161	2839	3494	3537	3575	3795	3695	3698	3799	4104	3155
49	1977 Federal Report Surplus Deficit	2514	2951	3538	142	803	841	419	406	1166	-396	2009	1878	-378	1460
50	1978 Federal Report Surplus Deficit	1019	715	237	-756	270	2257	2227	2217	2918	3751	3204	3520	3539	2790
51	1979 Federal Report Surplus Deficit	2017	1768	1676	273	871	1340	1698	592	2883	2288	3049	3736	2916	1115
52	1980 Federal Report Surplus Deficit	1182	1241	519	-298	715	968	1270	778	1220	3215	3288	3905	3955	1844
53	1981 Federal Report Surplus Deficit	1790	1305	584	-145	697	2915	3003	3011	3157	1017	3005	3718	4215	2769
54	1982 Federal Report Surplus Deficit	2394	2978	1407	-256	1111	2159	3192	3342	3851	3777	3537	3703	4226	3056
55	1983 Federal Report Surplus Deficit	2448	2994	3088	975	1259	2385	3402	3244	3847	3707	3287	3667	4051	3112
56	1984 Federal Report Surplus Deficit	2318	2869	1571	-143	3039	2365	2938	3295	3819	3791	3683	3735	4374	3071
57	1985 Federal Report Surplus Deficit	2429	2645	1189	-80.3	1129	1773	1699	1440	2610	3458	3453	3739	3514	507
58	1986 Federal Report Surplus Deficit	887	866	405	841	2393	1624	2642	3266	3818	3698	3558	3631	4056	2299

Federal Report Surplus Deficit By Water Year

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Federal Report Surplus Deficit	2148	1650	372	-521	599	1856	1481	613	2389	1810	2724	3697	3287	1442
60	1988 Federal Report Surplus Deficit	1050	953	307	-462	591	953	63.3	-503	1077	1056	2693	3366	2580	2207
61	1989 Federal Report Surplus Deficit	1788	1364	388	-468	374	1655	612	-247	2507	3556	3617	3675	3537	1149
62	1990 Federal Report Surplus Deficit	1374	1389	449	-373	1294	1856	2340	2807	3487	3058	3816	3664	4124	2383
63	1991 Federal Report Surplus Deficit	2358	2459	525	-683	2753	2606	3024	3403	3547	3485	3176	3716	3994	2942
64	1992 Federal Report Surplus Deficit	2357	2921	625	-563	681	1205	1074	621	2254	1028	1968	3195	1826	1346
65	1993 Federal Report Surplus Deficit	1116	916	55.1	-351	634	1281	-266	-618	2097	1716	2715	3725	3924	2108
66	1994 Federal Report Surplus Deficit	2044	1861	574	-444	1147	1159	126	139	881	614	2622	3610	3198	1932
67	1995 Federal Report Surplus Deficit	1642	1149	134	-563	310	1315	953	2335	3706	2669	2603	3642	4070	2517
68	1996 Federal Report Surplus Deficit	2087	1979	909	1243	3008	3162	3361	3469	3780	3775	3934	3768	4151	3160
69	1997 Federal Report Surplus Deficit	2399	2952	592	-387	991	2354	3614	3395	3750	3536	3913	3709	4313	3255
70	1998 Federal Report Surplus Deficit	2479	2985	3031	2804	2457	2222	2103	1863	2577	2422	3202	3803	4249	2658
71	1999 Federal Report Surplus Deficit	2458	2350	639	-394	371	2045	3479	3254	3781	3481	3565	3745	4359	3275
72	2000 Federal Report Surplus Deficit	2535	3046	1996	-111	3046	2768	2531	2473	3458	3759	3704	3746	3781	2547
73	2001 Federal Report Surplus Deficit	2323	1307	481	-344	679	988	439	236	1181	70.5	2218	2945	-850	1481
74	2002 Federal Report Surplus Deficit	1275	1058	460	-844	317	1310	526	665	1651	3127	3554	3639	4123	3010
75	2003 Federal Report Surplus Deficit	2398	2124	585	-727	1019	1137	491	306	3233	3163	3149	3592	4130	1267
76	2004 Federal Report Surplus Deficit	1000	1046	278	-200	833	1978	977	-139	2336	2616	2831	3659	3539	1545
77	2005 Federal Report Surplus Deficit	1199	1306	1642	-87.4	826	2010	1775	1593	2208	478	2599	3504	3762	1842
78	2006 Federal Report Surplus Deficit	2043	1541	577	-244	761	1592	2281	3350	3417	3706	3822	3883	4136	2344
79	2007 Federal Report Surplus Deficit	2030	1746	405	-675	1302	1605	2551	1570	3906	3560	3243	3727	3561	2581
80	2008 Federal Report Surplus Deficit	1811	1295	305	-188	649	1410	1110	843	2087	2538	1549	3729	4406	2803
	Ranked Averages														
81	**Bottom 10 pct**	**1053**	**975**	**479**	**-227**	**811**	**1503**	**1024**	**742**	**2359**	**2525**	**3065**	**3640**	**3695**	**2111**
82	**Middle 80 pct**	**2054**	**2023**	**730**	**-94.4**	**1073**	**1842**	**2052**	**1960**	**2859**	**2720**	**3000**	**3620**	**3647**	**2369**
83	**Top 10 pct**	**2483**	**2904**	**2634**	**783**	**1715**	**2098**	**2405**	**2130**	**2885**	**2764**	**3215**	**3520**	**3599**	**2797**

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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 2014 to 2023
Using 1937-Water Conditions

Regional Report Surplus Deficit By Water Year

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	6817	6589	7538	7091	6557	5016	4528	5003	6806	6136	7782	10569	9940	6338
2	1930 Regional Report Surplus Deficit	5952	4677	8005	6369	6030	4875	2749	5270	6479	6550	8627	9320	7720	6997
3	1931 Regional Report Surplus Deficit	6269	4989	7697	6014	6617	4062	2756	3345	5891	7694	3103	10163	7490	6155
4	1932 Regional Report Surplus Deficit	4763	3169	6557	5714	5430	4631	2666	3178	9286	11939	10438	11607	11482	7445
5	1933 Regional Report Surplus Deficit	6475	6274	8571	6633	5671	6091	6884	9156	10132	10751	9275	10894	11802	8800
6	1934 Regional Report Surplus Deficit	7335	7667	7986	8467	10030	9129	9257	10860	11197	11590	10159	10855	9569	6957
7	1935 Regional Report Surplus Deficit	5383	4541	7106	6081	5495	5668	7068	8318	9447	10612	8886	10967	10153	7763
8	1936 Regional Report Surplus Deficit	7094	6031	7064	6579	6227	4783	3286	3768	7270	8157	10310	11714	11268	7074
9	1937 Regional Report Surplus Deficit	6144	5254	7036	6311	6688	4770	3065	3525	6551	6763	5716	10595	9012	6721
10	1938 Regional Report Surplus Deficit	6527	4721	7879	6299	5520	5920	6863	8664	10352	11807	10736	11480	11017	7876
11	1939 Regional Report Surplus Deficit	6500	5856	8079	6928	6136	5126	5233	6652	8276	10495	9624	11635	9123	6788
12	1940 Regional Report Surplus Deficit	5495	3923	7163	6595	7210	5795	4509	5952	10086	11097	9636	11456	9850	6341
13	1941 Regional Report Surplus Deficit	5229	3678	7542	6721	5779	5657	4327	4546	6581	6860	7291	9940	9065	6250
14	1942 Regional Report Surplus Deficit	5214	3881	7598	6638	6418	6860	6921	6005	7417	7651	9336	10687	11027	8144
15	1943 Regional Report Surplus Deficit	6716	6410	8791	6749	5474	5900	7641	9184	10678	12287	11177	11367	11719	7777
16	1944 Regional Report Surplus Deficit	6599	6116	7787	6790	6548	5172	4720	5284	6554	5886	7855	8514	6262	5799
17	1945 Regional Report Surplus Deficit	5079	3367	6954	5927	6104	3691	3322	4749	6434	5313	3382	11340	11029	6307
18	1946 Regional Report Surplus Deficit	6420	5211	8014	6478	6077	6095	6759	8355	10048	11781	10740	11484	11371	8152
19	1947 Regional Report Surplus Deficit	7105	6601	8448	6668	6482	8867	8912	10250	10822	11239	9787	11460	11276	8043
20	1948 Regional Report Surplus Deficit	6527	5817	8070	10848	9385	7520	8709	9344	9765	11252	10432	11780	11341	8618
21	1949 Regional Report Surplus Deficit	7329	7544	8732	7234	6475	5851	7151	6153	10998	11807	10722	11791	11272	6194
22	1950 Regional Report Surplus Deficit	5795	4534	7062	6625	6252	5752	8773	9628	11557	12093	10288	11044	11451	8470
23	1951 Regional Report Surplus Deficit	7365	7607	8385	8637	9990	9080	9350	11457	11392	12232	10415	11425	11198	8394
24	1952 Regional Report Surplus Deficit	7401	6961	8283	10370	8255	7560	8314	9807	10884	12205	10946	11742	11535	8015
25	1953 Regional Report Surplus Deficit	6500	5976	7169	6505	6354	4908	6009	8157	9538	10003	9491	11537	11893	8509
26	1954 Regional Report Surplus Deficit	7064	7147	8079	7041	6949	6943	8451	10118	10996	11659	9977	11374	11340	9131
27	1955 Regional Report Surplus Deficit	7722	7833	11467	7314	8438	6337	5833	4967	5992	7799	8751	10866	11808	9301
28	1956 Regional Report Surplus Deficit	7433	7150	7731	7617	9237	8878	9301	10766	10984	11883	10604	11479	11999	8728
29	1957 Regional Report Surplus Deficit	7296	7059	8211	7581	6440	7150	6938	7292	10274	12355	9967	12108	11747	7689
30	1958 Regional Report Surplus Deficit	6660	5153	8032	6814	6603	5728	7428	8280	10270	11351	10381	11716	11579	7449
31	1959 Regional Report Surplus Deficit	6164	5726	7765	6775	7993	8432	9261	10585	10974	11978	9867	11088	11427	8009
32	1960 Regional Report Surplus Deficit	7396	7264	11486	11280	10093	8130	7942	8611	10256	12171	10328	11284	11230	7593
33	1961 Regional Report Surplus Deficit	6989	6017	7593	7038	6495	6131	7768	8747	10932	11822	9122	11119	11178	7295
34	1962 Regional Report Surplus Deficit	6466	6200	7330	6657	6476	5344	7091	8459	8252	12169	10516	11465	11366	6307
35	1963 Regional Report Surplus Deficit	6808	5993	7479	7587	8413	8010	6972	9110	9026	10262	9391	11819	11460	7750
36	1964 Regional Report Surplus Deficit	6762	6210	8468	6704	5963	6175	6246	6947	8492	11778	9158	11164	11952	9057
37	1965 Regional Report Surplus Deficit	7451	7006	9252	8458	7801	8827	9166	10887	11163	11259	10633	11299	10994	7967
38	1966 Regional Report Surplus Deficit	7447	7543	7624	7534	7293	6505	7031	7720	7878	12160	9792	11054	10357	7732
39	1967 Regional Report Surplus Deficit	6692	6126	7681	6546	6094	6566	8664	10262	11146	10444	6258	11065	11505	8428
40	1968 Regional Report Surplus Deficit	7193	6711	8028	7197	7381	6549	8087	10056	10704	9372	8041	10353	11166	8007
41	1969 Regional Report Surplus Deficit	7169	7111	9876	8837	9399	7564	8979	10621	10708	11949	10426	11729	11484	8124
42	1970 Regional Report Surplus Deficit	6763	5844	8034	6976	6895	5552	7093	8324	9769	10924	8518	11514	11606	7322
43	1971 Regional Report Surplus Deficit	6641	5723	7655	6678	6461	5936	9178	10698	11406	11947	10154	11593	11926	9244
44	1972 Regional Report Surplus Deficit	7837	7737	8618	7807	6905	6900	9157	10211	11445	12177	10219	11575	11640	8968
45	1973 Regional Report Surplus Deficit	7578	7726	9184	7633	6987	6567	7237	7036	7116	5105	7488	10005	9683	6651
46	1974 Regional Report Surplus Deficit	5774	4272	7742	6301	6065	7086	9123	10752	11205	11771	10420	10934	11521	9473
47	1975 Regional Report Surplus Deficit	7644	7563	8679	6747	6650	5987	7030	9120	10760	9900	9096	11466	11804	9616
48	1976 Regional Report Surplus Deficit	7363	7326	9007	9199	9892	9414	9200	10810	11226	12002	10303	11559	11547	8701
49	1977 Regional Report Surplus Deficit	7993	7999	11997	7702	6755	5030	4385	5713	6827	4968	8080	7731	6294	5833
50	1978 Regional Report Surplus Deficit	5138	3424	6515	6255	5374	6934	7029	8288	9678	11765	9927	11523	10295	7959
51	1979 Regional Report Surplus Deficit	6727	6181	9860	7720	6797	5415	6047	5395	9916	9515	9319	11906	9668	6255
52	1980 Regional Report Surplus Deficit	5120	4467	7225	6592	6277	4817	5142	6662	7242	10903	10193	12067	11208	6912
53	1981 Regional Report Surplus Deficit	5702	4537	7830	6906	6415	8461	8465	8504	9146	7774	9716	11440	11511	8101
54	1982 Regional Report Surplus Deficit	7051	7501	8139	7036	7259	7121	8510	10798	11387	12032	9905	11191	11612	8556
55	1983 Regional Report Surplus Deficit	7653	7646	10213	8956	7554	7540	8942	10393	11546	12059	9689	11357	11392	8517
56	1984 Regional Report Surplus Deficit	7206	7303	8815	7399	10280	7513	8382	10234	11178	12188	10256	11516	12032	8736
57	1985 Regional Report Surplus Deficit	7372	6926	8796	7494	7483	6504	6588	7650	9346	11724	10087	11510	10428	5218
58	1986 Regional Report Surplus Deficit	5172	3358	7449	6995	9153	6081	7845	10000	11476	11773	10170	11230	11104	7397

Regional Report Surplus Deficit By Water Year

Operating Year 2014

2012 White Book Report Date: **10/19/2012**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	6507	5556	7733	6624	6406	6691	5746	4590	9223	8841	8860	11194	9623	6517
60	1988 Regional Report Surplus Deficit	4964	2991	7435	6146	5793	4631	3400	3861	6433	7243	9157	10855	9902	7052
61	1989 Regional Report Surplus Deficit	5608	4396	7800	5883	5441	5620	4795	5077	8810	11738	10226	11353	10297	6491
62	1990 Regional Report Surplus Deficit	5637	4371	7536	6324	6776	6222	7503	9088	10725	11199	10793	11143	11202	7686
63	1991 Regional Report Surplus Deficit	7133	6860	7523	6160	9772	7614	8207	10192	10584	11667	9566	11169	10944	8252
64	1992 Regional Report Surplus Deficit	7333	7524	7611	6460	6359	5081	4806	5280	7789	7595	8031	10673	8583	5376
65	1993 Regional Report Surplus Deficit	4574	3115	7118	5945	6108	5131	3046	3424	8246	8465	8821	11057	10652	7540
66	1994 Regional Report Surplus Deficit	6364	5399	7595	5848	6907	5002	3575	3622	6772	6565	8684	10664	9382	6724
67	1995 Regional Report Surplus Deficit	5203	3599	7544	5820	5491	4707	5414	8457	10305	11294	8990	11531	11455	7804
68	1996 Regional Report Surplus Deficit	6695	6150	8991	7738	9977	8999	9282	11371	11484	12292	11237	11660	11483	8792
69	1997 Regional Report Surplus Deficit	7489	7129	7728	6917	7018	7478	9317	10664	11446	11818	10851	11250	11557	9021
70	1998 Regional Report Surplus Deficit	7692	7562	10246	11178	9335	7321	6765	8608	9568	9926	9721	11815	11812	8034
71	1999 Regional Report Surplus Deficit	6926	5662	8086	6839	5905	6987	9019	10632	11466	11521	10264	11401	11961	9075
72	2000 Regional Report Surplus Deficit	8043	8158	9269	7242	10040	8090	7779	8974	10552	12298	10700	11283	10634	7612
73	2001 Regional Report Surplus Deficit	7204	5425	7667	6747	6359	4996	4321	5307	6688	5587	7907	9299	5239	5730
74	2002 Regional Report Surplus Deficit	4433	3377	6211	4710	5344	4707	4125	5623	7399	11721	10227	10852	11260	8438
75	2003 Regional Report Surplus Deficit	6997	6093	7904	6027	6683	5082	3984	5050	10152	11054	9463	10953	11306	6596
76	2004 Regional Report Surplus Deficit	5265	3580	7022	6097	6708	5943	4841	5709	7741	8762	9375	11252	10470	6883
77	2005 Regional Report Surplus Deficit	5659	5008	7940	6867	6405	6466	6420	6842	7998	7564	8681	11204	10699	7124
78	2006 Regional Report Surplus Deficit	6164	4576	7459	5595	6390	6019	7422	10142	10484	11933	10488	11646	11493	7573
79	2007 Regional Report Surplus Deficit	5785	3903	7606	6214	6812	5930	7459	7702	11351	11486	9610	11248	10157	7856
80	2008 Regional Report Surplus Deficit	6726	4361	6898	5905	6116	5110	5330	5893	8482	9843	7721	11302	11952	8295

Ranked Averages

81	**Bottom 10 pct**	**4906**	**3408**	**6933**	**6036**	**6198**	**5078**	**4572**	**5723**	**8274**	**9890**	**9039**	**11316**	**10867**	**7381**
82	**Middle 80 pct**	**6601**	**5851**	**7987**	**7048**	**7053**	**6474**	**6924**	**8061**	**9638**	**10472**	**9472**	**11166**	**10731**	**7607**
83	**Top 10 pct**	**7770**	**7778**	**9959**	**8072**	**7833**	**6722**	**7141**	**8128**	**9226**	**9279**	**9218**	**10762**	**10633**	**8067**

Regional Report Surplus Deficit By Water Year

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	7014	6438	7230	6415	6380	4828	4591	5445	6783	6693	9111	10623	8626	5499
2	1930 Regional Report Surplus Deficit	5928	4849	7360	5818	6106	4718	3604	5660	6854	7520	9659	9654	4989	6684
3	1931 Regional Report Surplus Deficit	6012	5034	6943	5464	6382	4538	2924	3688	6426	8479	6979	10424	5770	6094
4	1932 Regional Report Surplus Deficit	4589	3465	6421	5289	5272	4581	2732	3836	9903	12229	11451	11244	10271	7108
5	1933 Regional Report Surplus Deficit	6647	6922	7897	6343	5528	6379	6712	9191	9970	11116	10238	10651	10557	8505
6	1934 Regional Report Surplus Deficit	7048	7377	7892	7827	9572	8758	9091	10572	11047	11941	11143	10576	8409	6583
7	1935 Regional Report Surplus Deficit	5968	5283	6507	6053	5236	6027	6946	8736	10106	10112	9803	10828	9080	7567
8	1936 Regional Report Surplus Deficit	6908	6030	6722	5481	5959	4572	3976	4615	7436	9231	11458	11658	10151	6693
9	1937 Regional Report Surplus Deficit	6143	5369	6674	5392	6329	4535	3591	3803	6466	7197	6505	10401	7329	6223
10	1938 Regional Report Surplus Deficit	6027	4949	7241	5722	5401	6554	6881	8127	10042	12170	11734	11179	10059	7440
11	1939 Regional Report Surplus Deficit	6652	6062	7339	6455	5968	4946	5898	6575	8492	10903	10646	11367	7085	6387
12	1940 Regional Report Surplus Deficit	5464	4208	6735	6036	6557	6198	5618	5612	10979	11247	10054	11171	7627	6251
13	1941 Regional Report Surplus Deficit	5131	3987	6749	5909	5484	6023	4413	5483	7285	7520	8196	9893	6692	6045
14	1942 Regional Report Surplus Deficit	5498	4478	7591	6063	7124	6617	6519	7354	8946	9058	10256	10494	9392	7841
15	1943 Regional Report Surplus Deficit	6608	6271	8614	6463	5265	5979	7358	9620	10617	12596	12151	11062	10485	7475
16	1944 Regional Report Surplus Deficit	6955	6678	7252	5433	6112	4911	4711	5484	6821	6326	9221	8719	4074	5063
17	1945 Regional Report Surplus Deficit	5077	3647	6213	5099	5645	3894	3547	5105	6869	6376	6110	11184	9891	6017
18	1946 Regional Report Surplus Deficit	6410	5516	7439	5603	5829	6451	6671	8006	10241	12151	11747	11176	10197	7843
19	1947 Regional Report Surplus Deficit	7147	6991	7904	5925	6484	8578	8368	10246	11016	11653	10758	11167	10085	7809
20	1948 Regional Report Surplus Deficit	6480	5763	7474	10341	8982	7403	8457	9327	9958	11645	11443	11316	10076	8365
21	1949 Regional Report Surplus Deficit	7044	7321	9541	6525	6294	5866	6844	6974	10896	12198	11655	11392	10112	5993
22	1950 Regional Report Surplus Deficit	5825	4950	6727	5600	6025	5971	8526	9696	11201	12446	11286	10746	10244	8206
23	1951 Regional Report Surplus Deficit	7182	7496	8157	7926	9547	8799	9132	11026	11217	12588	11420	11120	9874	8188
24	1952 Regional Report Surplus Deficit	7159	7301	8056	9808	7978	7447	8084	10041	10388	12560	12042	11329	10429	7562
25	1953 Regional Report Surplus Deficit	6574	6410	6763	5308	5570	4672	6584	8094	9886	10370	10397	11251	10645	8243
26	1954 Regional Report Surplus Deficit	6924	7010	7856	6271	6744	6889	8124	9950	10753	12003	10987	11065	10114	8839
27	1955 Regional Report Surplus Deficit	7374	7244	11228	6607	8128	6319	5821	6151	7335	9142	9735	10602	10535	9004
28	1956 Regional Report Surplus Deficit	7049	7324	7527	6875	8855	8607	9100	10279	10670	12143	11596	11131	10756	8461
29	1957 Regional Report Surplus Deficit	7220	7494	7922	6846	6259	7086	6909	7626	10188	12702	10841	11534	10499	7524
30	1958 Regional Report Surplus Deficit	6928	6278	7428	6185	6420	5717	7381	8290	10345	11765	11402	11332	10361	7133
31	1959 Regional Report Surplus Deficit	6459	6207	7208	6498	7270	8158	9017	10473	10780	12353	10879	10824	10210	7636
32	1960 Regional Report Surplus Deficit	7138	7353	11207	10909	9640	7912	7722	8380	10187	12467	11333	11034	10047	7368
33	1961 Regional Report Surplus Deficit	6950	6012	7022	6361	6219	6130	7593	8709	10888	11994	10085	10821	9952	7142
34	1962 Regional Report Surplus Deficit	6660	6158	6971	5499	6254	5437	6947	8377	8110	12485	11513	11173	10164	6238
35	1963 Regional Report Surplus Deficit	6679	6206	7062	6745	7727	7841	7495	9259	9806	10221	10119	11531	9729	7451
36	1964 Regional Report Surplus Deficit	6639	6290	7790	5965	5768	6117	6145	6662	8208	12168	10091	10869	10703	8818
37	1965 Regional Report Surplus Deficit	7098	7285	9117	7795	7547	8542	8917	10580	10921	11486	11628	10973	9825	7907
38	1966 Regional Report Surplus Deficit	7221	7392	7512	6816	7020	6458	6899	7577	8397	12513	10841	10760	9228	7427
39	1967 Regional Report Surplus Deficit	6609	6091	7136	5406	5864	6446	8505	10137	10885	10811	7403	10797	10239	8215
40	1968 Regional Report Surplus Deficit	7063	7130	7800	6466	7153	6528	7925	9336	10946	9745	8993	10517	9942	7706
41	1969 Regional Report Surplus Deficit	6956	7066	9768	8190	8999	7447	8735	10313	10629	12304	11428	11355	10307	7847
42	1970 Regional Report Surplus Deficit	7064	6742	7536	6374	6709	5550	7030	8995	9998	11307	8732	11217	10351	7253
43	1971 Regional Report Surplus Deficit	6496	5985	7177	5479	6243	5867	8829	10524	11201	12306	11194	11208	10682	8915
44	1972 Regional Report Surplus Deficit	7484	7575	9053	7049	6715	6865	8852	9907	11163	12505	11235	11194	10399	8685
45	1973 Regional Report Surplus Deficit	7246	7307	9926	6909	6789	6562	7254	7267	7354	5682	8412	10103	7396	6341
46	1974 Regional Report Surplus Deficit	5739	4477	7115	5668	5447	7659	9034	10316	10881	12035	11416	10585	10293	9184
47	1975 Regional Report Surplus Deficit	7293	7366	9533	5966	6457	5975	6864	8900	10640	10267	10087	11179	10560	9376
48	1976 Regional Report Surplus Deficit	7188	7406	8802	8556	9453	9053	8952	10622	11058	12337	11305	11205	10258	8538
49	1977 Regional Report Surplus Deficit	7490	7394	11414	7003	6569	4836	4419	5743	7203	5865	8604	8805	2543	5684
50	1978 Regional Report Surplus Deficit	4950	3684	6055	4976	5108	7102	7098	8710	9651	12119	10950	11234	9178	7912
51	1979 Regional Report Surplus Deficit	6723	6143	9757	7030	6617	5590	6184	6221	9828	9888	10307	11547	8148	5842
52	1980 Regional Report Surplus Deficit	5012	4698	6835	6100	6082	4636	5886	6602	7526	11319	11205	11647	9997	6727
53	1981 Regional Report Surplus Deficit	6002	5171	7287	6310	6242	8168	8192	9705	10141	7991	10341	11038	10252	7790
54	1982 Regional Report Surplus Deficit	6734	7192	8128	6381	6961	7048	8272	10421	11091	12416	10917	10842	10374	8429
55	1983 Regional Report Surplus Deficit	7329	7410	10888	8299	7330	7439	8684	10233	11362	12434	10572	11036	10158	8467
56	1984 Regional Report Surplus Deficit	6965	7541	8597	6689	9818	7417	8143	10082	11140	12505	11179	11214	10730	8439
57	1985 Regional Report Surplus Deficit	7323	7128	8092	6858	7281	6493	6468	7416	9286	12099	11081	11194	9062	5298
58	1986 Regional Report Surplus Deficit	5035	3841	7051	7912	8860	6023	7614	9879	11233	12132	11185	10996	9919	7102

Regional Report Surplus Deficit By Water Year

Operating Year 2015

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	6493	5574	7179	5783	6215	6668	6275	6244	9187	9229	9843	10851	8396	6124
60	1988 Regional Report Surplus Deficit	4827	3473	6840	5333	5431	4365	3934	4026	6899	8191	10028	10696	7394	6803
61	1989 Regional Report Surplus Deficit	5564	4581	7147	5389	5427	6035	4851	4872	9177	12217	11273	11088	9193	5948
62	1990 Regional Report Surplus Deficit	5605	4630	7078	5516	7158	6505	7298	9110	10485	11418	11785	10892	10078	7290
63	1991 Regional Report Surplus Deficit	6975	6870	7329	5201	9116	7470	7961	10038	10448	12019	10408	10877	9851	8016
64	1992 Regional Report Surplus Deficit	7020	7284	7401	5250	6142	5166	5551	6138	8687	7757	8625	10004	5652	5244
65	1993 Regional Report Surplus Deficit	4406	3360	6299	5500	5679	5130	3313	3741	8286	8959	9912	10813	9697	7040
66	1994 Regional Report Surplus Deficit	6364	5447	6992	5315	6630	4960	4099	5073	6812	7212	9799	10509	8385	6587
67	1995 Regional Report Surplus Deficit	5534	4219	6811	5147	5254	5353	5440	8639	10904	10463	9506	11292	10234	7514
68	1996 Regional Report Surplus Deficit	6663	6132	8330	8273	9545	8664	9129	10908	11272	12662	12208	11323	10293	8515
69	1997 Regional Report Surplus Deficit	7144	7360	7720	6132	6814	7383	9149	10259	11183	12169	11832	10925	10346	8768
70	1998 Regional Report Surplus Deficit	7420	7555	10562	10741	8951	7257	7123	8129	9541	10304	10515	11292	10540	7841
71	1999 Regional Report Surplus Deficit	6840	5981	7508	6065	5609	6991	8791	10224	11251	11898	11204	11101	10716	8819
72	2000 Regional Report Surplus Deficit	7614	7739	9433	6637	9547	7923	7613	8770	10513	12655	11687	11002	9601	7468
73	2001 Regional Report Surplus Deficit	7101	5569	7186	6105	6164	4803	4372	5339	7224	6410	9133	9589	1790	5056
74	2002 Regional Report Surplus Deficit	4625	3998	6013	4263	5193	5327	4774	6103	7874	11496	11241	10729	10058	8138
75	2003 Regional Report Surplus Deficit	7119	6741	7316	4724	6319	4857	4648	5438	10125	11411	10467	10768	10134	6042
76	2004 Regional Report Surplus Deficit	5190	3924	6694	5792	6077	6500	5342	5059	8982	10283	9890	10937	9153	6368
77	2005 Regional Report Surplus Deficit	5626	5118	7664	6229	6215	6424	6297	7382	8233	7984	9664	10925	9441	6605
78	2006 Regional Report Surplus Deficit	6162	4758	6862	5304	6073	5967	7231	9976	10435	12300	11497	11213	10322	7213
79	2007 Regional Report Surplus Deficit	6242	5372	7061	5051	7029	6003	7367	7506	11318	11861	10603	10976	8988	7548
80	2008 Regional Report Surplus Deficit	6645	4678	6683	5677	5740	5427	5444	6219	8474	10349	8309	10931	10701	8003

Ranked Averages

81	**Bottom 10 pct**	**4815**	**3771**	**6466**	**5559**	**5909**	**5132**	**4862**	**6000**	**8530**	**10353**	**10260**	**11068**	**9551**	**7106**
82	**Middle 80 pct**	**6560**	**6081**	**7616**	**6361**	**6776**	**6471**	**6938**	**8155**	**9714**	**10765**	**10420**	**10892**	**9316**	**7323**
83	**Top 10 pct**	**7416**	**7426**	**10025**	**7395**	**7622**	**6638**	**6980**	**8156**	**9630**	**10659**	**10440**	**10788**	**9175**	**7728**

Regional Report Surplus Deficit By Water Year

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	6756	6474	6594	5970	5486	4392	3688	4680	7800	4217	6656	10994	9647	4523
2	1930 Regional Report Surplus Deficit	5603	4839	6421	5370	5200	4282	2677	4893	7837	5022	7192	10217	6138	6166
3	1931 Regional Report Surplus Deficit	5753	4746	5887	5026	5456	4085	1980	2811	7478	5960	4591	11289	6880	5503
4	1932 Regional Report Surplus Deficit	4707	3233	5988	4834	4452	4145	1778	2959	9800	9649	8996	12293	11037	6636
5	1933 Regional Report Surplus Deficit	6563	6277	7084	5911	4788	5844	5846	8488	9797	8545	7762	11664	11274	8082
6	1934 Regional Report Surplus Deficit	6882	7217	7194	7449	8764	8161	8263	9844	10503	9364	8691	11564	9331	6102
7	1935 Regional Report Surplus Deficit	5512	4684	5558	5635	4567	5514	6083	8040	9856	7558	7336	11845	10050	7162
8	1936 Regional Report Surplus Deficit	6805	5987	6171	5017	5073	4132	3053	3795	8254	6695	8995	12719	10989	6134
9	1937 Regional Report Surplus Deficit	5981	4939	6102	4921	5405	4086	2670	2948	7517	4707	4121	11243	8423	5553
10	1938 Regional Report Surplus Deficit	6136	4870	6067	5289	4638	6018	6016	7430	10002	9590	9281	12163	10893	7009
11	1939 Regional Report Surplus Deficit	6428	5328	6762	6032	5101	4520	5013	5851	9078	8338	8168	12374	8167	5776
12	1940 Regional Report Surplus Deficit	5198	4282	6065	5636	5629	5660	4737	4828	10595	8677	7580	12188	8682	5626
13	1941 Regional Report Surplus Deficit	5287	3873	5725	5496	4610	5500	3501	4714	8094	5010	5747	10831	7756	5537
14	1942 Regional Report Surplus Deficit	5058	3881	5740	5634	6194	6075	5649	6649	9206	6525	7779	11487	10297	7439
15	1943 Regional Report Surplus Deficit	6442	5765	7725	6046	4596	5481	6499	8919	10302	10019	9711	12046	11219	7036
16	1944 Regional Report Surplus Deficit	6759	6246	6619	4913	5224	4482	3810	4722	7873	3848	6765	8766	5224	4341
17	1945 Regional Report Surplus Deficit	4229	2699	4974	4669	4747	3502	2607	4297	7921	3911	3747	12206	10741	5191
18	1946 Regional Report Surplus Deficit	6277	5405	6358	5117	5001	5922	5801	7309	10122	9572	9301	12161	11019	7445
19	1947 Regional Report Surplus Deficit	6990	6680	7160	5401	5588	7975	7522	9530	10501	9079	8281	12150	10868	7408
20	1948 Regional Report Surplus Deficit	6380	5378	6862	9879	8132	6826	7612	8627	9855	9069	8986	12502	10790	7947
21	1949 Regional Report Surplus Deficit	6867	7222	9120	6090	5413	5363	5983	6262	10462	9617	9195	12400	10936	5175
22	1950 Regional Report Surplus Deficit	5689	4702	5968	5135	5162	5459	7681	8959	10662	9866	8818	11731	11015	7805
23	1951 Regional Report Surplus Deficit	7025	7340	7486	7548	8729	8194	8297	10290	10666	10007	8963	12105	10734	7776
24	1952 Regional Report Surplus Deficit	6968	7202	7380	9384	7058	6871	7235	9335	10199	9981	9596	12449	11205	7133
25	1953 Regional Report Surplus Deficit	6329	5635	6242	4798	4727	4228	5711	7394	9876	7810	7923	12241	11352	7837
26	1954 Regional Report Surplus Deficit	6663	6452	7160	5818	5827	6339	7273	9245	10353	9427	8510	12049	10902	8387
27	1955 Regional Report Surplus Deficit	7151	7238	11144	6177	7222	5784	4936	5419	8040	6612	7264	11622	11270	8540
28	1956 Regional Report Surplus Deficit	6886	7031	6789	6461	7993	8003	8258	9630	10132	9544	9150	12158	11471	8049
29	1957 Regional Report Surplus Deficit	7042	7342	7228	6429	5389	6531	6046	6923	10157	10122	8364	12749	11201	7119
30	1958 Regional Report Surplus Deficit	6875	6268	6682	5729	5513	5243	6521	7591	10083	9189	8931	12418	11119	6668
31	1959 Regional Report Surplus Deficit	6000	5866	6575	6081	6340	7561	8177	9748	10353	9772	8402	11829	10956	7226
32	1960 Regional Report Surplus Deficit	6993	7214	11092	10458	8827	7314	6871	7684	10116	9895	8873	12050	10875	6959
33	1961 Regional Report Surplus Deficit	6766	5697	6421	5927	5340	5610	6740	8014	10463	9415	7611	11805	10693	6728
34	1962 Regional Report Surplus Deficit	6686	5960	6331	5022	5358	4960	6083	7681	8695	9910	9064	12159	10946	5511
35	1963 Regional Report Surplus Deficit	6569	5658	6319	6359	6805	7250	6642	8434	9820	7672	7647	12552	10615	7044
36	1964 Regional Report Surplus Deficit	6553	5792	7224	5477	4955	5604	5267	5941	8795	9588	7619	11861	11418	8372
37	1965 Regional Report Surplus Deficit	6935	7147	8579	7418	6620	7937	8090	9843	10383	8915	9181	11970	10648	7502
38	1966 Regional Report Surplus Deficit	7057	7267	6736	6408	6091	5920	6033	6876	8964	9934	8363	11749	10158	7020
39	1967 Regional Report Surplus Deficit	6507	5705	6653	4939	5015	5916	7659	9421	10387	8249	4994	11809	10980	7806
40	1968 Regional Report Surplus Deficit	6906	6886	7123	6031	6224	5991	7071	8639	10490	7197	6536	11312	10736	7305
41	1969 Regional Report Surplus Deficit	6792	6865	9439	7811	8150	6869	7896	9564	10189	9724	8975	12413	11120	7445
42	1970 Regional Report Surplus Deficit	6903	6384	6871	5917	5791	5082	6164	8299	9956	8738	6290	12234	11099	6795
43	1971 Regional Report Surplus Deficit	5963	5192	6554	4997	5374	5378	7988	9799	10647	9725	8735	12273	11403	8475
44	1972 Regional Report Surplus Deficit	7330	7432	8491	6638	5816	6317	7990	9171	10621	9923	8765	12249	11118	8246
45	1973 Regional Report Surplus Deficit	7096	7189	9556	6495	5875	6036	6392	6560	8232	3243	5972	10936	8470	5694
46	1974 Regional Report Surplus Deficit	5637	4077	5936	5229	4763	7078	8214	9600	10342	9435	8969	11607	11036	8720
47	1975 Regional Report Surplus Deficit	7147	7236	9125	5442	5561	5484	5995	8203	10370	7710	7613	12168	11280	8885
48	1976 Regional Report Surplus Deficit	7034	7253	8195	8176	8634	8450	8111	9897	10509	9759	8853	12235	11065	8109
49	1977 Regional Report Surplus Deficit	7301	7342	11276	6600	5659	4395	3518	4998	8062	3415	6155	8778	3712	4988
50	1978 Regional Report Surplus Deficit	4635	3353	5391	4425	4415	6536	6235	7833	9798	9539	8473	12221	10104	7511
51	1979 Regional Report Surplus Deficit	6559	5706	8379	6638	5705	5110	5313	5474	9930	7340	7832	12531	9190	5024
52	1980 Regional Report Surplus Deficit	4911	4461	6349	5651	5180	4239	5003	5872	8396	8743	8731	12777	10782	6130
53	1981 Regional Report Surplus Deficit	5746	4621	6735	5884	5343	7570	7344	9001	9974	5482	7865	12044	10970	7387
54	1982 Regional Report Surplus Deficit	6581	7036	7934	5924	6034	6488	7423	9612	10673	9835	8447	11860	11120	8012
55	1983 Regional Report Surplus Deficit	7121	7294	10342	7922	6400	6867	7839	9496	10806	9853	8094	12022	10974	8049
56	1984 Regional Report Surplus Deficit	6800	7381	8462	6253	9017	6847	7290	9377	10733	9928	8727	12198	11452	8022
57	1985 Regional Report Surplus Deficit	7223	7129	7846	6419	6355	5964	5596	6711	9431	9521	8611	12181	10030	4297
58	1986 Regional Report Surplus Deficit	4781	3873	6337	7535	7993	5505	6757	9176	10800	9552	8724	12013	10719	6639

Regional Report Surplus Deficit By Water Year

Operating Year 2016

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	6327	5111	6520	5279	5357	6131	5398	5504	9458	6694	7374	11872	9368	5426
60	1988 Regional Report Surplus Deficit	4794	3704	5900	4874	4529	3980	3010	3174	7834	5685	7557	11524	8471	6324
61	1989 Regional Report Surplus Deficit	5850	4412	5896	4905	4647	5516	3949	4058	9466	9639	8818	12088	10153	5140
62	1990 Regional Report Surplus Deficit	5314	4683	6304	5050	6228	5958	6438	8409	10166	8847	9340	11899	10887	6849
63	1991 Regional Report Surplus Deficit	6790	6506	6563	4650	8292	6884	7111	9324	10051	9439	7931	11866	10663	7601
64	1992 Regional Report Surplus Deficit	6856	7109	6730	4738	5253	4708	4667	5401	9002	5247	6175	10742	6758	4515
65	1993 Regional Report Surplus Deficit	4407	3319	5248	5067	4789	4656	2374	2874	8789	6430	7443	11819	10587	6530
66	1994 Regional Report Surplus Deficit	6316	5364	5977	4833	5700	4491	3178	4301	7843	4724	7331	11528	9371	6032
67	1995 Regional Report Surplus Deficit	5389	3980	5884	4672	4482	4874	4548	7943	10474	7903	7041	12299	11021	7083
68	1996 Regional Report Surplus Deficit	6526	5916	7113	7890	8708	8081	8266	10171	10864	10084	9766	12329	11040	8080
69	1997 Regional Report Surplus Deficit	6994	7205	6902	5657	5895	6814	8321	9542	10791	9590	9389	11947	11064	8319
70	1998 Regional Report Surplus Deficit	7240	7426	10383	10266	8091	6695	6258	7431	9722	7749	8038	12403	11277	7412
71	1999 Regional Report Surplus Deficit	6713	6197	6844	5581	4852	6440	7949	9488	10705	9318	8734	12086	11439	8387
72	2000 Regional Report Surplus Deficit	7445	7609	8973	6209	8750	7333	6755	8074	10275	10075	9238	12023	10529	7056
73	2001 Regional Report Surplus Deficit	6936	5051	6556	5638	5268	4366	3471	4578	8079	3939	6678	10162	2964	4344
74	2002 Regional Report Surplus Deficit	4111	3095	4938	3713	4434	4853	3869	5370	8535	8924	8781	11734	10832	7731
75	2003 Regional Report Surplus Deficit	6918	6003	6473	4188	5392	4409	3742	4678	10005	8838	7989	11787	10933	5239
76	2004 Regional Report Surplus Deficit	4701	3876	5828	5373	5160	5951	4452	4255	9259	7724	7418	11955	10086	5674
77	2005 Regional Report Surplus Deficit	5152	4591	8138	5809	5306	5873	5430	6682	8687	5469	7193	11928	10349	5997
78	2006 Regional Report Surplus Deficit	6140	4590	6006	4876	5172	5454	6369	9269	10115	9727	9050	12374	11116	6715
79	2007 Regional Report Surplus Deficit	6179	5011	6196	4501	6098	5490	6510	6804	10810	9281	8126	11985	9943	7132
80	2008 Regional Report Surplus Deficit	6345	4676	5744	5260	4847	4937	4558	5494	8937	7792	5884	11963	11414	7602

Ranked Averages

81	**Bottom 10 pct**	**4546**	**3394**	**5576**	**5061**	**5065**	**4891**	**3885**	**4992**	**9092**	**7677**	**7642**	**11970**	**10322**	**6530**
82	**Middle 80 pct**	**6389**	**5810**	**6898**	**5918**	**5909**	**5919**	**6080**	**7448**	**9699**	**8225**	**7983**	**11868**	**10184**	**6820**
83	**Top 10 pct**	**7245**	**7338**	**9697**	**6959**	**6732**	**6105**	**6111**	**7438**	**9666**	**8107**	**7972**	**11681**	**10024**	**7184**

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	5773	5841	6145	5851	6223	3979	3394	4530	7118	4816	7262	10372	7924	4652
2	1930 Regional Report Surplus Deficit	4666	4172	5970	5251	5919	3869	2405	4743	7173	5586	7793	9443	4437	5858
3	1931 Regional Report Surplus Deficit	4774	4079	5441	4908	6111	3681	1729	2624	6764	6492	5185	10281	5145	5261
4	1932 Regional Report Surplus Deficit	3901	2533	5541	4713	5238	3732	1538	2771	9542	10115	9561	11125	9464	6286
5	1933 Regional Report Surplus Deficit	5608	5651	6617	5793	5576	5493	5538	8233	9552	9015	8353	10555	9712	7693
6	1934 Regional Report Surplus Deficit	6049	6649	6729	7320	9475	7862	7951	9550	10279	9829	9259	10473	7664	5760
7	1935 Regional Report Surplus Deficit	4610	4016	5113	5517	5322	5147	5776	7815	9624	8045	7937	10728	8353	6758
8	1936 Regional Report Surplus Deficit	5957	5339	5726	4895	5820	3721	2777	3632	7671	7204	9556	11538	9376	5862
9	1937 Regional Report Surplus Deficit	4993	4266	5657	4799	6070	3680	2392	2772	6804	5283	4714	10253	6686	5384
10	1938 Regional Report Surplus Deficit	5165	4196	5622	5171	5429	5668	5708	7231	9730	10057	9848	11073	9282	6627
11	1939 Regional Report Surplus Deficit	5444	4663	6302	5914	5865	4102	4708	5695	8598	8814	8750	11272	6429	5552
12	1940 Regional Report Surplus Deficit	4284	3607	5619	5519	6268	5312	4430	4675	10376	9149	8172	11072	6948	5415
13	1941 Regional Report Surplus Deficit	4365	3190	5280	5379	5368	5140	3215	4563	7515	5557	6354	9768	6020	5220
14	1942 Regional Report Surplus Deficit	4090	3209	5294	5516	6772	5730	5341	6476	8849	7038	8362	10385	8641	7034
15	1943 Regional Report Surplus Deficit	5499	5119	7228	5928	5351	5104	6194	8670	10077	10483	10318	10953	9656	6659
16	1944 Regional Report Surplus Deficit	5795	5603	6172	4783	5969	4066	3515	4572	7159	4442	7370	8404	3526	4222
17	1945 Regional Report Surplus Deficit	3303	2004	4525	4551	5479	3067	2351	4138	7207	4527	4333	11087	9125	5150
18	1946 Regional Report Surplus Deficit	5285	4745	5912	4992	5785	5567	5492	7115	9867	10040	9881	11068	9413	7034
19	1947 Regional Report Surplus Deficit	6133	6049	6695	5269	6321	7692	7226	9245	10280	9547	8863	11061	9287	7002
20	1948 Regional Report Surplus Deficit	5459	4726	6403	9653	8481	6512	7317	8380	9597	9537	9549	11196	9229	7554
21	1949 Regional Report Surplus Deficit	6111	6696	8587	5972	6166	4989	5677	6098	10244	10083	9757	11276	9336	5127
22	1950 Regional Report Surplus Deficit	4822	4018	5521	5013	5929	5091	7385	8587	10326	10332	9380	10642	9440	7398
23	1951 Regional Report Surplus Deficit	6274	6774	7018	7422	9084	7913	7996	9918	10437	10474	9526	11014	9106	7379
24	1952 Regional Report Surplus Deficit	6177	6617	6914	9197	7564	6557	6937	9071	9957	10447	10179	11209	9629	6741
25	1953 Regional Report Surplus Deficit	5364	4981	5797	4669	5505	3819	5403	7212	9597	8292	8516	11150	9789	7435
26	1954 Regional Report Surplus Deficit	5699	5812	6700	5697	6520	6001	6973	8983	10134	9894	9084	10958	9318	8018
27	1955 Regional Report Surplus Deficit	6421	6748	10600	6059	7671	5434	4631	5266	7509	7129	7861	10506	9707	8178
28	1956 Regional Report Surplus Deficit	6104	6424	6338	6344	8353	7721	7956	9258	9797	9893	9731	11013	9909	7652
29	1957 Regional Report Surplus Deficit	6278	6770	6769	6312	6150	6197	5739	6747	9883	10589	8941	11413	9637	6715
30	1958 Regional Report Surplus Deficit	5923	5627	6229	5609	6229	4851	6214	7405	9852	9656	9495	11213	9549	6313
31	1959 Regional Report Surplus Deficit	5015	5214	6123	5964	6942	7269	7881	9451	10135	10239	8979	10726	9390	6825
32	1960 Regional Report Surplus Deficit	6253	6669	10592	10179	9584	7023	6572	7479	9851	10354	9434	10938	9269	6558
33	1961 Regional Report Surplus Deficit	5818	5040	5972	5809	6095	5248	6439	7807	10245	9881	8203	10716	9129	6331
34	1962 Regional Report Surplus Deficit	5717	5319	5882	4899	6093	4570	5776	7476	8216	10374	9639	11069	9365	5397
35	1963 Regional Report Surplus Deficit	5579	5003	5873	6239	7318	6951	6340	8214	9560	8165	8244	11434	8971	6640
36	1964 Regional Report Surplus Deficit	5590	5144	6754	5352	5742	5237	4960	5783	8315	10054	8216	10768	9856	7998
37	1965 Regional Report Surplus Deficit	6161	6604	8067	7289	7171	7656	7774	9471	10048	9387	9762	10860	9045	7097
38	1966 Regional Report Surplus Deficit	6313	6741	6285	6291	6716	5572	5725	6696	8492	10400	8942	10650	8486	6617
39	1967 Regional Report Surplus Deficit	5621	5052	6199	4816	5791	5561	7364	9136	10168	8729	5595	10703	9415	7407
40	1968 Regional Report Surplus Deficit	6114	6272	6658	5913	6853	5642	6769	8411	10272	7692	7142	10358	9154	6896
41	1969 Regional Report Surplus Deficit	5967	6253	8888	7674	8498	6556	7600	9192	9925	10180	9542	11235	9524	7039
42	1970 Regional Report Surplus Deficit	6058	5747	6413	5796	6481	4687	5855	8075	9685	9210	6897	11123	9533	6433
43	1971 Regional Report Surplus Deficit	5013	4526	6105	4873	6137	4995	7693	9501	10418	10192	9297	11089	9842	8105
44	1972 Regional Report Surplus Deficit	6599	6883	7989	6520	6547	5977	7609	8799	10285	10389	9328	11075	9556	7874
45	1973 Regional Report Surplus Deficit	6366	6680	9014	6378	6576	5678	6084	6391	7620	3883	6579	9952	6732	5504
46	1974 Regional Report Surplus Deficit	4676	3396	5491	5110	5538	6769	7885	9377	10007	9784	9547	10468	9471	8358
47	1975 Regional Report Surplus Deficit	6415	6717	8592	5311	6294	5102	5687	7980	10140	8193	8205	11077	9719	8540
48	1976 Regional Report Surplus Deficit	6268	6653	7701	8036	8987	8164	7815	9600	10283	10225	9420	11088	9471	7724
49	1977 Regional Report Surplus Deficit	6570	6869	10797	6482	6367	3985	3222	4848	7459	4055	6762	8487	2070	4844
50	1978 Regional Report Surplus Deficit	3791	2650	4928	4286	5193	6212	5928	7623	9517	10006	9047	11131	8434	7105
51	1979 Regional Report Surplus Deficit	5566	5052	7861	6520	6407	4721	5004	5324	9622	7834	8421	11441	7460	4998
52	1980 Regional Report Surplus Deficit	4061	3782	5901	5531	5904	3808	4697	5719	7788	9211	9299	11526	9202	5882
53	1981 Regional Report Surplus Deficit	4758	3951	6275	5767	6074	7279	7047	8743	9728	6029	8451	10941	9408	6983
54	1982 Regional Report Surplus Deficit	5792	6472	7439	5803	6677	6158	7126	9240	10460	10301	9010	10725	9554	7619
55	1983 Regional Report Surplus Deficit	6379	6761	9777	7789	7016	6549	7543	9123	10570	10320	8673	10928	9375	7656
56	1984 Regional Report Surplus Deficit	6055	6855	7959	6135	9420	6527	6989	9115	10514	10393	9295	11107	9891	7630
57	1985 Regional Report Surplus Deficit	6457	6505	7363	6300	7009	5609	5288	6539	9110	9988	9174	11084	8334	4453
58	1986 Regional Report Surplus Deficit	3990	3172	5892	7406	8360	5141	6453	8921	10609	10019	9284	10900	9130	6278

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2012 White Book Report Date: **10/19/2012**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	5337	4449	6070	5151	6128	5782	5090	5353	9097	7205	7972	10754	7670	5284
60	1988 Regional Report Surplus Deficit	3960	3011	5455	4753	5255	3544	2736	2999	7194	6238	8155	10544	6734	5981
61	1989 Regional Report Surplus Deficit	4874	3740	5450	4780	5438	5154	3654	3897	9100	10106	9382	10990	8462	5104
62	1990 Regional Report Surplus Deficit	4398	4010	5858	4928	6809	5617	6132	8162	9942	9318	9922	10795	9293	6473
63	1991 Regional Report Surplus Deficit	5897	5873	6114	4511	8640	6580	6812	9040	9832	9906	8509	10775	9065	7206
64	1992 Regional Report Surplus Deficit	6048	6530	6276	4609	5997	4307	4361	5249	8626	5793	6782	9831	5023	4403
65	1993 Regional Report Surplus Deficit	3561	2630	4798	4949	5531	4264	2117	2692	8344	6949	8042	10716	8940	6214
66	1994 Regional Report Surplus Deficit	5323	4708	5531	4709	6316	4096	2900	4150	7154	5302	7931	10410	7665	5757
67	1995 Regional Report Surplus Deficit	4442	3301	5437	4549	5273	4485	4247	7738	10256	8384	7643	11188	9441	6689
68	1996 Regional Report Surplus Deficit	5534	5265	6649	7747	9648	7745	7886	9799	10668	10550	10361	11207	9474	7700
69	1997 Regional Report Surplus Deficit	6243	6642	6452	5534	6580	6493	8008	9316	10498	10027	9982	10808	9502	7947
70	1998 Regional Report Surplus Deficit	6508	6898	9819	10021	8449	6367	5950	7242	9391	8235	8624	11172	9715	7007
71	1999 Regional Report Surplus Deficit	5921	5556	6391	5457	5642	6102	7653	9116	10379	9784	9297	10996	9878	8007
72	2000 Regional Report Surplus Deficit	6710	7101	8449	6091	9190	7034	6451	7856	10040	10541	9812	10906	8859	6657
73	2001 Regional Report Surplus Deficit	6010	4372	6108	5516	6001	3954	3175	4428	7478	4546	7283	9380	1363	4216
74	2002 Regional Report Surplus Deficit	3230	2407	4462	3574	5224	4461	3577	5218	8023	9394	9342	10624	9255	7331
75	2003 Regional Report Surplus Deficit	5985	5354	6024	4054	6038	4002	3451	4529	9751	9307	8571	10669	9343	5192
76	2004 Regional Report Surplus Deficit	3910	3181	5381	5256	5851	5612	4149	4097	8896	8206	8013	10838	8411	5528
77	2005 Regional Report Surplus Deficit	4286	3917	7622	5692	6017	5535	5122	6500	8260	6008	7789	10827	8691	5771
78	2006 Regional Report Surplus Deficit	5152	3919	5558	4758	5898	5087	6063	9002	9890	10191	9629	11093	9532	6365
79	2007 Regional Report Surplus Deficit	5189	4351	5751	4362	6695	5123	6206	6626	10590	9748	8702	10879	8255	6736
80	2008 Regional Report Surplus Deficit	5376	3997	5294	5142	5587	4555	4253	5338	8507	8276	6489	10813	9852	7196

Ranked Averages

81	**Bottom 10 pct**	**3706**	**2698**	**5123**	**4936**	**5766**	**4504**	**3606**	**4807**	**8667**	**8182**	**8222**	**10871**	**8687**	**6234**
82	**Middle 80 pct**	**5492**	**5176**	**6435**	**5790**	**6583**	**5565**	**5778**	**7223**	**9354**	**8712**	**8567**	**10783**	**8564**	**6506**
83	**Top 10 pct**	**6507**	**6810**	**9173**	**6822**	**7318**	**5757**	**5798**	**7207**	**9313**	**8606**	**8555**	**10654**	**8417**	**6901**

Regional Report Surplus Deficit By Water Year

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	5506	5497	6002	5452	5545	3463	3117	3999	5124	5671	7846	9379	8683	3841
2	1930 Regional Report Surplus Deficit	4396	3852	5827	4854	5250	3354	2225	4213	5210	6429	8384	8568	5296	5384
3	1931 Regional Report Surplus Deficit	4509	3760	5299	4504	5468	3141	1655	2186	4755	7325	5763	9586	5979	4734
4	1932 Regional Report Surplus Deficit	3613	2255	5399	4321	4535	3217	1522	2334	8604	10936	10187	10525	10131	5846
5	1933 Regional Report Surplus Deficit	5335	5308	6463	5386	4870	4886	5255	7745	8683	9835	8955	9923	10446	7284
6	1934 Regional Report Surplus Deficit	5760	6324	6577	6882	8278	7396	7843	8991	9790	10642	9882	9820	8347	5314
7	1935 Regional Report Surplus Deficit	4336	3698	4971	5101	4622	4548	5511	7301	8830	8865	8528	10108	9070	6365
8	1936 Regional Report Surplus Deficit	5669	5000	5584	4509	5137	3200	2578	3143	5859	8030	10185	10949	10027	5359
9	1937 Regional Report Surplus Deficit	4729	3954	5515	4417	5423	3146	2183	2313	4795	6130	5292	9544	7507	4800
10	1938 Regional Report Surplus Deficit	4899	3885	5479	4764	4722	5061	5426	6697	8730	10878	10473	10417	9933	6214
11	1939 Regional Report Surplus Deficit	5180	4341	6153	5501	5174	3602	4391	5145	7001	9633	9361	10632	7241	5011
12	1940 Regional Report Surplus Deficit	4011	3297	5477	5091	5632	4704	4113	4157	9718	9968	8773	10452	7735	4864
13	1941 Regional Report Surplus Deficit	4094	2890	5137	4959	4680	4537	2970	4035	5711	6394	6935	9113	6816	4754
14	1942 Regional Report Surplus Deficit	3824	2896	5152	5107	6157	5122	5041	5928	7560	7865	8971	9757	9313	6642
15	1943 Regional Report Surplus Deficit	5224	4778	7051	5512	4652	4515	5953	8176	9349	11297	10910	10299	10358	6243
16	1944 Regional Report Surplus Deficit	5524	5261	6031	4434	5287	3561	3228	4039	5151	5296	7954	7207	4386	3599
17	1945 Regional Report Surplus Deficit	3032	1718	4374	4142	4804	2618	2249	3638	5198	5389	4917	10467	9779	4452
18	1946 Regional Report Surplus Deficit	5021	4418	5770	4621	5083	4961	5191	6578	8944	10859	10494	10414	10068	6642
19	1947 Regional Report Surplus Deficit	5853	5705	6542	4924	5645	7176	7109	8786	9759	10367	9474	10405	9944	6611
20	1948 Regional Report Surplus Deficit	5181	4390	6254	9279	7855	5922	7212	7884	8658	10357	10177	10704	9967	7150
21	1949 Regional Report Surplus Deficit	5816	6382	8377	5566	5481	4397	5418	5547	9639	10905	10386	10643	9984	4454
22	1950 Regional Report Surplus Deficit	4543	3720	5375	4628	5236	4493	7278	8028	9702	11152	10008	9986	10103	7007
23	1951 Regional Report Surplus Deficit	5980	6450	6863	6984	8374	7404	7843	9358	9915	11294	10153	10358	9760	6978
24	1952 Regional Report Surplus Deficit	5884	6287	6760	8800	6968	5966	6792	8591	9103	11267	10790	10665	10293	6333
25	1953 Regional Report Surplus Deficit	5093	4647	5653	4314	4806	3291	5095	6667	8567	9112	9115	10498	10547	7040
26	1954 Regional Report Surplus Deficit	5428	5468	6551	5304	5862	5393	6804	8501	9493	10714	9702	10303	9973	7584
27	1955 Regional Report Surplus Deficit	6130	6443	10358	5650	7084	4826	4314	4718	5802	7957	8456	9882	10408	7739
28	1956 Regional Report Surplus Deficit	5810	6087	6195	5925	7744	7206	7864	8698	9170	10616	10344	10396	10649	7251
29	1957 Regional Report Surplus Deficit	5984	6444	6620	5894	5461	5591	5469	6200	8873	11407	9556	10949	10412	6322
30	1958 Regional Report Surplus Deficit	5650	5284	6085	5217	5561	4285	5960	6863	9071	10475	10122	10642	10222	5878
31	1959 Regional Report Surplus Deficit	4751	4878	5979	5547	6319	6721	7807	8966	9522	11060	9595	10087	10076	6429
32	1960 Regional Report Surplus Deficit	5960	6351	10378	9758	8337	6478	6409	6949	8881	11165	10063	10309	9919	6162
33	1961 Regional Report Surplus Deficit	5545	4709	5829	5403	5409	4645	6250	7279	9630	10702	8803	10060	9821	5932
34	1962 Regional Report Surplus Deficit	5447	4976	5740	4521	5416	4002	5504	6946	6620	11195	10257	10414	10022	4770
35	1963 Regional Report Surplus Deficit	5313	4670	5731	5804	6720	6386	6147	7695	8611	8987	8839	10813	9635	6247
36	1964 Regional Report Surplus Deficit	5319	4805	6598	4982	5038	4639	4643	5233	6717	10875	8812	10118	10595	7570
37	1965 Regional Report Surplus Deficit	5866	6286	7876	6851	6564	7150	7640	8912	9421	10207	10375	10217	9693	6706
38	1966 Regional Report Surplus Deficit	6018	6427	6142	5868	6085	4964	5441	6151	6913	11220	9556	10020	9173	6223
39	1967 Regional Report Surplus Deficit	5338	4717	6053	4432	5094	4955	7256	8668	9618	9549	6172	10068	10107	7010
40	1968 Regional Report Surplus Deficit	5820	5932	6505	5507	6220	5034	6568	7899	9689	8514	7726	9622	9801	6508
41	1969 Regional Report Surplus Deficit	5677	5913	8661	7239	7871	5967	7527	8632	9302	10903	10167	10644	10179	6651
42	1970 Regional Report Surplus Deficit	5770	5403	6266	5405	5824	4128	5568	7560	8687	10030	7476	10494	10216	6004
43	1971 Regional Report Surplus Deficit	4745	4205	5962	4499	5447	4415	7615	8942	9941	11011	9926	10502	10566	7675
44	1972 Regional Report Surplus Deficit	6309	6563	7807	6100	5872	5369	7375	8239	9662	11207	9956	10480	10285	7454
45	1973 Regional Report Surplus Deficit	6078	6370	8796	5959	5915	5074	5818	5841	5753	4756	7158	9238	7536	4936
46	1974 Regional Report Surplus Deficit	4409	3094	5349	4708	4836	6185	7709	8865	9381	10507	10162	9835	10161	7916
47	1975 Regional Report Surplus Deficit	6124	6405	8383	4966	5618	4520	5391	7464	9367	9014	8805	10424	10444	8074
48	1976 Regional Report Surplus Deficit	5974	6317	7526	7603	8283	7696	7734	9067	9799	11042	10044	10473	10126	7310
49	1977 Regional Report Surplus Deficit	6279	6566	10596	6057	5702	3461	2936	4305	5609	4926	7343	7244	2927	4240
50	1978 Regional Report Surplus Deficit	3509	2375	4762	3961	4490	5612	5662	7097	8483	10825	9665	10477	9120	6714
51	1979 Regional Report Surplus Deficit	5302	4718	7664	6087	5745	4150	4700	4783	8483	8656	9024	10785	8236	4303
52	1980 Regional Report Surplus Deficit	3780	3478	5759	5135	5232	3356	4379	5170	5929	10031	9922	10991	9860	5359
53	1981 Regional Report Surplus Deficit	4494	3636	6125	5355	5399	6732	6914	8258	8853	6866	9057	10302	10142	6590
54	1982 Regional Report Surplus Deficit	5499	6148	7264	5412	6039	5554	6987	8680	9897	11123	9637	10100	10240	7214
55	1983 Regional Report Surplus Deficit	6085	6446	9535	7352	6388	5953	7438	8564	9943	11141	9287	10274	10024	7250
56	1984 Regional Report Surplus Deficit	5760	6541	7777	5730	8612	5930	6804	8633	9880	11207	9918	10451	10614	7223
57	1985 Regional Report Surplus Deficit	6163	6162	7197	5898	6367	5002	4983	5990	7931	10808	9802	10433	9050	3624
58	1986 Regional Report Surplus Deficit	3705	2894	5750	6968	7757	4540	6227	8432	9982	10839	9914	10272	9781	5848

Regional Report Surplus Deficit By Water Year

Operating Year 2018

2012 White Book Report Date: **10/19/2012**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	5071	4124	5926	4792	5434	5174	4775	4808	7798	8032	8566	10133	8388	4678
60	1988 Regional Report Surplus Deficit	3677	2723	5310	4363	4582	3093	2546	2538	5275	7077	8750	9827	7541	5536
61	1989 Regional Report Surplus Deficit	4609	3427	5305	4408	4731	4551	3372	3403	7782	10926	10009	10345	9171	4417
62	1990 Regional Report Surplus Deficit	4126	3698	5717	4543	6193	5009	5881	7667	9218	10137	10534	10157	9942	6055
63	1991 Regional Report Surplus Deficit	5615	5529	5972	4186	7954	6005	6657	8579	9188	10727	9123	10122	9715	6803
64	1992 Regional Report Surplus Deficit	5756	6202	6131	4255	5316	3761	4044	4703	7285	6630	7364	9061	5855	3775
65	1993 Regional Report Surplus Deficit	3280	2337	4646	4542	4851	3699	2014	2244	6824	7778	8635	10077	9606	5747
66	1994 Regional Report Surplus Deficit	5059	4376	5390	4335	5688	3537	2693	3624	5147	6151	8523	9790	8394	5256
67	1995 Regional Report Surplus Deficit	4174	2996	5296	4170	4566	3915	3939	7208	9646	9204	8233	10566	10099	6285
68	1996 Regional Report Surplus Deficit	5269	4928	6497	7316	8209	7245	7654	9240	10044	11370	10962	10573	10159	7280
69	1997 Regional Report Surplus Deficit	5948	6318	6309	5155	5925	5895	7895	8807	9876	10750	10585	10187	10235	7522
70	1998 Regional Report Surplus Deficit	6216	6584	9578	9648	7838	5764	5668	6702	8176	9055	9231	10621	10420	6620
71	1999 Regional Report Surplus Deficit	5628	5213	6247	5084	4935	5495	7570	8556	9752	10605	9925	10341	10599	7589
72	2000 Regional Report Surplus Deficit	6418	6791	8247	5681	8326	6467	6219	7336	9236	11361	10431	10282	9545	6259
73	2001 Regional Report Surplus Deficit	5733	4067	5966	5132	5325	3436	2889	3895	5633	5405	7867	8512	2208	3599
74	2002 Regional Report Surplus Deficit	2953	2113	4281	3249	4517	3896	3305	4670	6356	10214	9971	10001	9916	6934
75	2003 Regional Report Surplus Deficit	5709	5015	5881	3717	5399	3469	3183	3995	8829	10127	9182	10049	9996	4513
76	2004 Regional Report Surplus Deficit	3625	2896	5233	4840	5193	5004	3838	3595	7591	9026	8610	10218	9102	4926
77	2005 Regional Report Surplus Deficit	4007	3606	7428	5277	5351	4928	4832	5956	6787	6843	8385	10186	9366	5231
78	2006 Regional Report Surplus Deficit	4888	3605	5416	4348	5225	4488	5803	8525	9169	11007	10243	10581	10187	5924
79	2007 Regional Report Surplus Deficit	4925	4024	5609	4037	6073	4524	5981	6080	10061	10568	9318	10243	8960	6336
80	2008 Regional Report Surplus Deficit	5110	3693	5141	4725	4908	3973	3938	4788	7024	9096	7066	10201	10595	6805

Ranked Averages

81	**Bottom 10 pct**	**3424**	**2414**	**4970**	**4548**	**5091**	**3960**	**3420**	**4319**	**7289**	**9011**	**8831**	**10233**	**9372**	**5750**
82	**Middle 80 pct**	**5215**	**4850**	**6281**	**5394**	**5885**	**4998**	**5563**	**6699**	**8311**	**9531**	**9174**	**10130**	**9276**	**6038**
83	**Top 10 pct**	**6215**	**6495**	**8963**	**6419**	**6649**	**5170**	**5541**	**6665**	**8216**	**9434**	**9164**	**9955**	**9138**	**6407**

Regional Report Surplus Deficit By Water Year

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	5042	5031	5730	5201	5238	3308	2806	3737	4803	4091	6867	8529	7281	3614
2	1930 Regional Report Surplus Deficit	3903	3553	5553	4601	4926	3199	1923	3951	4895	4868	7406	7784	3823	4928
3	1931 Regional Report Surplus Deficit	4031	3462	5030	4257	5109	2942	1354	1967	4422	5781	4787	8916	4533	4303
4	1932 Regional Report Surplus Deficit	3084	2050	5129	4066	4322	3063	1220	2113	8386	9422	9247	9903	8825	5380
5	1933 Regional Report Surplus Deficit	4874	4814	6172	5141	4750	4531	4904	7477	8461	8318	7981	9337	9153	6883
6	1934 Regional Report Surplus Deficit	5295	5770	6289	6709	8166	7044	7435	8627	9503	9144	8945	9225	6986	4849
7	1935 Regional Report Surplus Deficit	3832	3405	4702	4865	4581	4226	5153	7027	8602	7343	7550	9513	7689	5912
8	1936 Regional Report Surplus Deficit	5205	4613	5314	4250	4841	3035	2274	2901	5574	6498	9237	10326	8696	4915
9	1937 Regional Report Surplus Deficit	4255	3675	5244	4156	5069	2960	1879	2085	4461	4563	4317	8862	6069	4402
10	1938 Regional Report Surplus Deficit	4418	3611	5208	4519	4575	4704	5074	6420	8514	9363	9535	9817	8604	5743
11	1939 Regional Report Surplus Deficit	4704	4034	5870	5262	4903	3474	4066	4870	6750	8115	8390	10044	5809	4587
12	1940 Regional Report Surplus Deficit	3511	3025	5207	4870	5267	4345	3784	3902	9472	8451	7798	9856	6318	4446
13	1941 Regional Report Surplus Deficit	3596	2639	4867	4727	4399	4200	2664	3774	5428	4843	5956	8474	5394	4295
14	1942 Regional Report Surplus Deficit	3341	2616	4883	4864	5781	4758	4697	5649	7339	6331	8000	9146	7961	6209
15	1943 Regional Report Surplus Deficit	4763	4381	6724	5276	4611	4222	5588	7908	9113	9799	9992	9694	9061	5775
16	1944 Regional Report Surplus Deficit	5062	4845	5761	4158	4988	3424	2916	3775	4817	3718	6975	6250	2912	3227
17	1945 Regional Report Surplus Deficit	2536	1492	4093	3899	4491	2571	1948	3392	4865	3798	3939	9876	8440	4152
18	1946 Regional Report Surplus Deficit	4550	4095	5501	4354	4861	4613	4847	6300	8726	9343	9565	9809	8741	6189
19	1947 Regional Report Surplus Deficit	5376	5233	6253	4647	5334	6805	6716	8472	9483	8850	8502	9805	8632	6171
20	1948 Regional Report Surplus Deficit	4719	4023	5972	9230	7550	5529	6816	7615	8440	8841	9235	10079	8675	6744
21	1949 Regional Report Surplus Deficit	5351	5842	8001	5320	5192	4093	5058	5269	9383	9389	9440	10027	8655	4144
22	1950 Regional Report Surplus Deficit	4030	3473	5100	4368	4970	4174	6815	7663	9363	9643	9052	9387	8795	6566
23	1951 Regional Report Surplus Deficit	5515	5895	6571	6799	8122	7037	7350	8994	9577	9784	9211	9756	8424	6566
24	1952 Regional Report Surplus Deficit	5418	5735	6469	8718	6591	5574	6404	8326	8880	9757	9863	10040	8983	5874
25	1953 Regional Report Surplus Deficit	4631	4293	5381	4040	4565	3115	4755	6389	8352	7592	8140	9904	9256	6618
26	1954 Regional Report Surplus Deficit	4967	5038	6269	5049	5520	5020	6421	8236	9244	9198	8735	9699	8660	7205
27	1955 Regional Report Surplus Deficit	5670	5930	9938	5407	6717	4471	3989	4446	5535	6421	7480	9295	9110	7362
28	1956 Regional Report Surplus Deficit	5344	5553	5922	5692	7423	6836	7371	8334	8833	9012	9415	9777	9356	6838
29	1957 Regional Report Surplus Deficit	5518	5889	6338	5659	5185	5212	5113	5921	8658	9900	8587	10343	9122	5867
30	1958 Regional Report Surplus Deficit	5188	4861	5810	4961	5235	4042	5599	6585	8842	8960	9163	10018	8918	5411
31	1959 Regional Report Surplus Deficit	4275	4511	5704	5312	5946	6335	7407	8602	9268	9545	8627	9499	8775	5970
32	1960 Regional Report Surplus Deficit	5497	5802	10003	9697	8233	6094	6025	6673	8664	9673	9117	9723	8592	5704
33	1961 Regional Report Surplus Deficit	5083	4367	5557	5157	5122	4314	5872	7002	9376	9186	7828	9462	8521	5471
34	1962 Regional Report Surplus Deficit	4985	4551	5469	4258	5106	3753	5148	6670	6369	9691	9324	9817	8711	4401
35	1963 Regional Report Surplus Deficit	4848	4323	5462	5599	6343	5995	5769	7421	8393	7462	7863	10224	8289	5793
36	1964 Regional Report Surplus Deficit	4857	4419	6304	4714	4833	4319	4311	4957	6466	9361	7835	9525	9302	7186
37	1965 Regional Report Surplus Deficit	5401	5737	7527	6677	6186	6784	7146	8548	9084	8690	9446	9604	8369	6269
38	1966 Regional Report Surplus Deficit	5554	5888	5870	5640	5717	4605	5090	5872	6665	9711	8586	9406	7810	5768
39	1967 Regional Report Surplus Deficit	4875	4361	5776	4172	4847	4607	6861	8304	9280	8029	5194	9479	8808	6590
40	1968 Regional Report Surplus Deficit	5354	5411	6217	5261	5853	4676	6193	7626	9429	6989	6747	8924	8487	6066
41	1969 Regional Report Surplus Deficit	5211	5389	8259	7084	7567	5574	7127	8268	8963	9300	9229	10021	8851	6204
42	1970 Regional Report Surplus Deficit	5305	4956	5986	5149	5481	3897	5219	7286	8471	8513	6497	9907	8915	5536
43	1971 Regional Report Surplus Deficit	4256	3904	5690	4234	5173	4140	7138	8579	9644	9500	8982	9879	9272	7294
44	1972 Regional Report Surplus Deficit	5849	6012	7473	5869	5558	4998	6882	7875	9324	9707	8998	9858	8992	7065
45	1973 Regional Report Surplus Deficit	5622	5842	8407	5726	5578	4732	5461	5562	5458	3148	6179	8556	6109	4528
46	1974 Regional Report Surplus Deficit	3924	2840	5080	4459	4778	5792	7333	8522	9043	8904	9232	9208	8861	7542
47	1975 Regional Report Surplus Deficit	5664	5869	8007	4689	5307	4241	5045	7191	9137	7493	7830	9830	9150	7709
48	1976 Regional Report Surplus Deficit	5508	5776	7203	7453	8028	7348	7335	8703	9494	9538	9106	9853	8806	6914
49	1977 Regional Report Surplus Deficit	5819	6068	10243	5833	5371	3293	2624	4036	5317	3321	6364	6317	1435	3856
50	1978 Regional Report Surplus Deficit	2990	2162	4459	3684	4423	5224	5305	6821	8268	9316	8699	9881	7758	6276
51	1979 Regional Report Surplus Deficit	4835	4366	7309	5876	5409	3894	4358	4514	8268	7131	8050	10183	6825	3983
52	1980 Regional Report Surplus Deficit	3262	3219	5488	4882	4912	3305	4053	4897	5635	8515	8959	10366	8548	4927
53	1981 Regional Report Surplus Deficit	4020	3350	5842	5114	5086	6347	6524	7991	8632	5315	8085	9715	8849	6160
54	1982 Regional Report Surplus Deficit	5033	5594	6939	5156	5676	5171	6598	8316	9620	9610	8679	9482	8939	6808
55	1983 Regional Report Surplus Deficit	5622	5903	9110	7187	6018	5563	7020	8200	9605	9626	8317	9669	8701	6846
56	1984 Regional Report Surplus Deficit	5296	6002	7443	5483	8402	5540	6425	8368	9630	9708	8981	9849	9320	6819
57	1985 Regional Report Surplus Deficit	5697	5664	6888	5649	6008	4655	4642	5711	7715	9293	8843	9825	7670	3410
58	1986 Regional Report Surplus Deficit	3168	2677	5481	6793	7429	4213	5858	8165	9730	9328	8966	9686	8464	5382

Regional Report Surplus Deficit By Water Year

Operating Year 2019

2012 White Book Report Date: **10/19/2012**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	4606	3808	5653	4520	5174	4817	4441	4537	7576	6499	7589	9544	7008	4295
60	1988 Regional Report Surplus Deficit	3155	2492	5038	4106	4264	3049	2243	2308	4969	5523	7773	9142	6112	5071
61	1989 Regional Report Surplus Deficit	4129	3148	5032	4141	4566	4220	3060	3158	7559	9410	9068	9757	7795	4091
62	1990 Regional Report Surplus Deficit	3626	3420	5447	4283	5817	4640	5519	7398	8982	8620	9605	9570	8622	5587
63	1991 Regional Report Surplus Deficit	5152	5061	5700	3909	7689	5613	6271	8319	8940	9211	8154	9528	8394	6394
64	1992 Regional Report Surplus Deficit	5290	5648	5854	3981	5016	3553	3718	4432	7060	5079	6384	8341	4410	3406
65	1993 Regional Report Surplus Deficit	2761	2099	4363	4297	4549	3455	1713	2021	6583	6241	7658	9490	8257	5288
66	1994 Regional Report Surplus Deficit	4590	4030	5120	4069	5318	3306	2389	3363	4823	4582	7545	9197	7008	4812
67	1995 Regional Report Surplus Deficit	3684	2735	5026	3907	4409	3661	3620	6931	9391	7684	7255	9963	8789	5819
68	1996 Regional Report Surplus Deficit	4802	4557	6209	7173	8131	6854	7160	8876	9789	9860	10040	9957	8858	6890
69	1997 Regional Report Surplus Deficit	5484	5764	6036	4892	5579	5506	7425	8500	9537	9147	9662	9568	8941	7133
70	1998 Regional Report Surplus Deficit	5756	6043	9155	9607	7519	5379	5316	6423	7959	7533	8258	9996	9126	6146
71	1999 Regional Report Surplus Deficit	5162	4785	5972	4818	4795	5121	7143	8192	9414	9090	8967	9740	9305	7195
72	2000 Regional Report Surplus Deficit	5956	6264	7884	5439	8135	6076	5851	7061	9009	9851	9498	9695	8182	5799
73	2001 Regional Report Surplus Deficit	5271	3806	5695	4872	5014	3278	2576	3631	5342	3819	6888	7732	708	3223
74	2002 Regional Report Surplus Deficit	2443	1873	3956	2971	4375	3654	2995	4397	6095	8697	9025	9398	8607	6515
75	2003 Regional Report Surplus Deficit	5247	4634	5609	3438	5037	3283	2873	3730	8610	8610	8211	9456	8679	4183
76	2004 Regional Report Surplus Deficit	3089	2671	4956	4604	4851	4632	3518	3346	7368	7506	7634	9624	7737	4540
77	2005 Regional Report Surplus Deficit	3493	3331	7076	5040	5022	4554	4483	5677	6551	5296	7409	9599	8011	4807
78	2006 Regional Report Surplus Deficit	4414	3323	5145	4106	4908	4168	5444	8261	8932	9507	9314	9956	8874	5459
79	2007 Regional Report Surplus Deficit	4453	3701	5339	3759	5700	4203	5612	5801	9788	9053	8350	9657	7587	5873
80	2008 Regional Report Surplus Deficit	4628	3434	4857	4490	4603	3695	3615	4513	6787	7575	6088	9578	9303	6358

Ranked Averages

81	**Bottom 10 pct**	**2903**	**2190**	**4684**	**4303**	**4838**	**3733**	**3100**	**4070**	**7033**	**7479**	**7868**	**9625**	**8025**	**5326**
82	**Middle 80 pct**	**4742**	**4457**	**6002**	**5182**	**5613**	**4702**	**5220**	**6450**	**8110**	**8102**	**8248**	**9521**	**7974**	**5657**
83	**Top 10 pct**	**5754**	**5962**	**8499**	**6027**	**6274**	**4731**	**4976**	**6038**	**7432**	**7096**	**7931**	**9171**	**7472**	**5734**

Regional Report Surplus Deficit By Water Year

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	4857	4673	5506	4957	4250	2892	2402	3233	4721	4604	6331	8605	7949	2712
2	1930 Regional Report Surplus Deficit	3657	3073	5328	4362	3964	2783	1508	3447	4797	5351	6866	7821	4558	4306
3	1931 Regional Report Surplus Deficit	3819	2982	4806	4001	4218	2527	931	1398	4366	6227	4213	8881	5240	3657
4	1932 Regional Report Surplus Deficit	2750	1642	4905	3836	3219	2647	793	1543	7911	9697	8604	9858	9396	4764
5	1933 Regional Report Surplus Deficit	4685	4490	5941	4876	3556	4105	4514	6979	7976	8624	7426	9236	9697	6200
6	1934 Regional Report Surplus Deficit	5069	5518	6058	6304	7643	6582	7031	8125	9027	9497	8299	9127	7618	4233
7	1935 Regional Report Surplus Deficit	3561	2925	4479	4576	3323	3805	4764	6539	8110	7707	7010	9423	8339	5268
8	1936 Regional Report Surplus Deficit	4984	4177	5091	4035	3837	2619	1861	2367	5397	6909	8606	10285	9300	4282
9	1937 Regional Report Surplus Deficit	4053	3196	5021	3950	4167	2545	1467	1530	4405	5057	3738	8837	6771	3719
10	1938 Regional Report Surplus Deficit	4199	3132	4985	4255	3406	4278	4684	5939	8051	9637	8892	9728	9204	5130
11	1939 Regional Report Surplus Deficit	4497	3555	5641	4982	3866	3058	3669	4385	6474	8442	7820	9943	6503	3933
12	1940 Regional Report Surplus Deficit	3249	2547	4983	4545	4391	3919	3389	3388	8976	8764	7245	9767	6999	3785
13	1941 Regional Report Surplus Deficit	3338	2170	4644	4427	3375	3777	2255	3269	5247	5307	5420	8419	6080	3675
14	1942 Regional Report Surplus Deficit	3120	2136	4659	4594	4956	4330	4306	5170	6949	6749	7433	9070	8587	5543
15	1943 Regional Report Surplus Deficit	4571	3954	6478	4986	3352	3804	5199	7412	8618	10149	9367	9611	9618	5154
16	1944 Regional Report Surplus Deficit	4876	4434	5537	4020	3989	3008	2513	3274	4761	4228	6440	6384	3650	2512
17	1945 Regional Report Surplus Deficit	2281	1046	3866	3631	3511	2153	1527	2865	4808	4323	3339	9780	9050	3368
18	1946 Regional Report Surplus Deficit	4354	3621	5278	4171	3768	4188	4456	5820	8249	9620	8931	9726	9339	5545
19	1947 Regional Report Surplus Deficit	5165	4882	6022	4514	4352	6342	6325	7970	9000	9144	7933	9713	9214	5513
20	1948 Regional Report Surplus Deficit	4522	3572	5744	8801	6914	5087	6425	7120	7966	9131	8598	10071	9219	6060
21	1949 Regional Report Surplus Deficit	5101	5556	7738	5059	4178	3674	4669	4789	8889	9663	8806	9964	9248	3392
22	1950 Regional Report Surplus Deficit	3735	3007	4875	4155	3927	3753	6410	7161	8873	9939	8435	9296	9371	5910
23	1951 Regional Report Surplus Deficit	5263	5643	6339	6409	7529	6572	6945	8492	9086	10074	8570	9669	9034	5887
24	1952 Regional Report Surplus Deficit	5178	5483	6238	8267	5821	5132	6015	7824	8394	10052	9223	10016	9560	5248
25	1953 Regional Report Surplus Deficit	4445	3834	5156	3889	3493	2700	4363	5910	7894	7939	7589	9807	9796	5944
26	1954 Regional Report Surplus Deficit	4780	4642	6040	4819	4590	4589	6032	7735	8748	9486	8150	9614	9244	6532
27	1955 Regional Report Surplus Deficit	5415	5588	9666	5137	5988	4045	3592	3958	5307	6846	6935	9197	9665	6695
28	1956 Regional Report Surplus Deficit	5101	5279	5697	5394	6770	6372	6966	7832	8342	9342	8774	9723	9901	6163
29	1957 Regional Report Surplus Deficit	5270	5638	6109	5368	4154	4780	4723	5442	8196	10205	8008	10322	9657	5225
30	1958 Regional Report Surplus Deficit	4999	4457	5584	4734	4277	3625	5210	6105	8349	9244	8553	9984	9488	4797
31	1959 Regional Report Surplus Deficit	4069	4061	5479	5020	5102	5879	7013	8100	8773	9820	8046	9398	9336	5334
32	1960 Regional Report Surplus Deficit	5242	5535	9751	9353	7713	5637	5636	6190	8195	10070	8479	9622	9189	5067
33	1961 Regional Report Surplus Deficit	4893	3901	5333	4896	4105	3892	5483	6519	8881	9462	7277	9370	9080	4838
34	1962 Regional Report Surplus Deficit	4799	4149	5245	4060	4123	3336	4759	6187	6092	10020	8681	9724	9290	3684
35	1963 Regional Report Surplus Deficit	4662	3860	5238	5240	5567	5544	5381	6935	7921	7840	7318	10128	8908	5151
36	1964 Regional Report Surplus Deficit	4670	3983	6071	4533	3721	3898	3917	4474	6190	9634	7290	9428	9847	6512
37	1965 Regional Report Surplus Deficit	5156	5470	7274	6273	5382	6319	6742	8046	8593	9000	8805	9534	8966	5605
38	1966 Regional Report Surplus Deficit	5301	5601	5645	5331	4852	4178	4700	5393	6381	10009	8011	9333	8445	5127
39	1967 Regional Report Surplus Deficit	4667	3904	5549	3962	3781	4183	6470	7802	8789	8371	4637	9378	9369	5915
40	1968 Regional Report Surplus Deficit	5115	5121	5986	5001	4986	4249	5804	7137	8936	7370	6212	8909	9070	5410
41	1969 Regional Report Surplus Deficit	4983	5103	7987	6660	6931	5132	6722	7766	8473	9629	8585	9979	9445	5550
42	1970 Regional Report Surplus Deficit	5084	4577	5758	4923	4554	3481	4828	6799	8007	8827	5959	9806	9477	4920
43	1971 Regional Report Surplus Deficit	4020	3424	5465	4044	4139	3723	6733	8076	9179	9786	8342	9839	9821	6608
44	1972 Regional Report Surplus Deficit	5594	5750	7225	5566	4580	4569	6477	7373	8834	10052	8385	9815	9539	6387
45	1973 Regional Report Surplus Deficit	5368	5532	8139	5428	4639	4309	5071	5083	5309	3688	5641	8531	6799	3856
46	1974 Regional Report Surplus Deficit	3696	2369	4856	4206	3531	5347	6931	8020	8552	9233	8590	9163	9423	6882
47	1975 Regional Report Surplus Deficit	5408	5574	7744	4556	4325	3823	4654	6703	8643	7847	7279	9734	9699	7072
48	1976 Regional Report Surplus Deficit	5260	5511	6959	7025	7432	6880	6942	8201	9003	9859	8463	9800	9393	6231
49	1977 Regional Report Surplus Deficit	5563	5697	10001	5514	4422	2877	2221	3543	5159	3860	5828	6399	2194	3157
50	1978 Regional Report Surplus Deficit	2680	1739	4225	3584	3184	4787	4915	6337	7811	9615	8113	9787	8391	5615
51	1979 Regional Report Surplus Deficit	4646	3906	7053	5530	4468	3477	3966	4020	7835	7511	7494	10096	7501	3204
52	1980 Regional Report Surplus Deficit	2956	2745	5264	4644	3943	2886	3657	4410	5482	8806	8360	10345	9127	4283
53	1981 Regional Report Surplus Deficit	3817	2870	5613	4839	4107	5891	6133	7492	8148	5779	7523	9614	9393	5492
54	1982 Regional Report Surplus Deficit	4792	5341	6694	4930	4796	4737	6208	7814	9140	9889	8067	9425	9502	6127
55	1983 Regional Report Surplus Deficit	5367	5624	8831	6773	5162	5123	6615	7698	9114	9900	7741	9586	9296	6163
56	1984 Regional Report Surplus Deficit	5043	5715	7194	5225	7834	5101	6036	7867	9135	10050	8343	9763	9869	6137
57	1985 Regional Report Surplus Deficit	5450	5344	6649	5396	5117	4231	4250	5232	7292	9572	8231	9745	8319	2482
58	1986 Regional Report Surplus Deficit	2823	2246	5257	6390	6769	3791	5469	7667	9233	9614	8334	9585	9049	4767

Regional Report Surplus Deficit By Water Year

Operating Year 2020

2012 White Book Report Date: **10/19/2012**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	4420	3332	5428	4361	4123	4390	4048	4047	7189	6913	7046	9447	7657	3595
60	1988 Regional Report Surplus Deficit	2838	2041	4814	3883	3293	2631	1830	1755	4847	5993	7229	9120	6803	4454
61	1989 Regional Report Surplus Deficit	3915	2668	4807	3956	3415	3798	2657	2628	7178	9688	8425	9656	8443	3320
62	1990 Regional Report Surplus Deficit	3365	2941	5224	4072	4990	4210	5129	6902	8486	8928	8965	9469	9212	4968
63	1991 Regional Report Surplus Deficit	4946	4706	5476	3809	7087	5165	5882	7807	8442	9484	7574	9430	8985	5713
64	1992 Regional Report Surplus Deficit	5056	5398	5628	3831	4018	3137	3322	3940	6685	5541	5847	8339	5116	2688
65	1993 Regional Report Surplus Deficit	2452	1639	4135	4034	3553	3039	1292	1457	6275	6668	7116	9389	8881	4669
66	1994 Regional Report Surplus Deficit	4396	3566	4897	3880	4462	2890	1977	2855	4746	5076	7003	9103	7663	4180
67	1995 Regional Report Surplus Deficit	3445	2261	4802	3707	3249	3244	3221	6447	8897	8030	6716	9880	9369	5194
68	1996 Regional Report Surplus Deficit	4614	4109	5978	6740	7622	6412	6755	8374	9291	10151	9407	9894	9422	6211
69	1997 Regional Report Surplus Deficit	5232	5510	5811	4692	4658	5067	7020	7998	9047	9477	9028	9512	9488	6460
70	1998 Regional Report Surplus Deficit	5500	5759	8876	9200	6868	4944	4926	5944	7546	7894	7696	9970	9677	5520
71	1999 Regional Report Surplus Deficit	4923	4387	5746	4631	3620	4690	6738	7690	8923	9365	8353	9651	9855	6515
72	2000 Regional Report Surplus Deficit	5700	5952	7625	5167	7577	5626	5462	6573	8518	10143	8854	9597	8818	5167
73	2001 Regional Report Surplus Deficit	5075	3332	5471	4661	4032	2862	2173	3130	5181	4338	6353	7768	1482	2517
74	2002 Regional Report Surplus Deficit	2158	1412	3713	2871	3202	3237	2590	3910	5849	9002	8391	9315	9185	5840
75	2003 Regional Report Surplus Deficit	5053	4194	5384	3321	4154	2868	2468	3230	8133	8911	7641	9364	9267	3427
76	2004 Regional Report Surplus Deficit	2743	2227	4730	4316	3923	4202	3119	2822	6983	7855	7087	9533	8375	3845
77	2005 Regional Report Surplus Deficit	3198	2851	6821	4754	4069	4123	4093	5198	6225	5751	6863	9497	8640	4156
78	2006 Regional Report Surplus Deficit	4211	2843	4921	3833	3936	3747	5054	7758	8436	9849	8672	9942	9457	4849
79	2007 Regional Report Surplus Deficit	4253	3227	5115	3659	4860	3782	5223	5322	9303	9329	7769	9555	8233	5245
80	2008 Regional Report Surplus Deficit	4407	2960	4629	4198	3612	3277	3218	4029	6465	7931	5542	9526	9846	5709

Ranked Averages

81	**Bottom 10 pct**	**2591**	**1749**	**4456**	**4068**	**3832**	**3311**	**2692**	**3544**	**6715**	**7846**	**7277**	**9546**	**8641**	**4665**
82	**Middle 80 pct**	**4519**	**4057**	**5771**	**4922**	**4691**	**4272**	**4823**	**5952**	**7708**	**8449**	**7658**	**9458**	**8579**	**4989**
83	**Top 10 pct**	**5500**	**5649**	**8241**	**5746**	**5439**	**4303**	**4582**	**5551**	**7076**	**7488**	**7356**	**9123**	**8089**	**5042**

Regional Report Surplus Deficit By Water Year

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

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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	4335	4318	5240	4714	4200	2087	688	1768	3384	3742	5957	7295	5633	1234
2	1930 Regional Report Surplus Deficit	3064	2758	5044	4118	3899	1978	-206	1986	3453	4457	6505	6521	2176	3002
3	1931 Regional Report Surplus Deficit	3266	2667	4595	3761	4118	1713	-776	200	3034	5307	3814	7586	2902	2331
4	1932 Regional Report Surplus Deficit	2058	1301	4674	3590	3244	1842	-911	347	6485	8737	8298	8496	6944	3472
5	1933 Regional Report Surplus Deficit	4155	4120	5603	4638	3651	3270	2844	5419	6556	7666	7080	7891	7183	4888
6	1934 Regional Report Surplus Deficit	4484	5107	5721	6126	7502	5754	5442	6615	7666	8507	7992	7762	5278	2939
7	1935 Regional Report Surplus Deficit	2940	2609	4308	4344	3474	2973	3103	4954	6698	6755	6648	8102	6015	3980
8	1936 Regional Report Surplus Deficit	4407	3848	4950	3786	3797	1812	147	1029	4024	5972	8300	8925	6910	2966
9	1937 Regional Report Surplus Deficit	3511	2880	4910	3699	4072	1733	-249	276	3074	4174	3338	7542	4441	2366
10	1938 Regional Report Surplus Deficit	3637	2816	4907	4017	3481	3443	3015	4342	6620	8678	8585	8359	6812	3844
11	1939 Regional Report Surplus Deficit	3950	3240	5311	4748	3846	2257	1968	2831	5068	7486	7486	8591	4178	2600
12	1940 Regional Report Surplus Deficit	2638	2230	4766	4325	4285	3084	1691	1967	7586	7807	6897	8445	4681	2448
13	1941 Regional Report Surplus Deficit	2733	1850	4537	4199	3347	2944	540	1812	3872	4398	5042	7119	3760	2374
14	1942 Regional Report Surplus Deficit	2556	1820	4474	4357	4830	3495	2627	3581	5517	5814	7096	7761	6237	4247
15	1943 Regional Report Surplus Deficit	4037	3622	6215	4755	3503	2975	3548	5846	7215	9159	9037	8240	7128	3868
16	1944 Regional Report Surplus Deficit	4348	4096	5314	3760	3946	2206	800	1801	3429	3362	6067	5050	1265	1140
17	1945 Regional Report Surplus Deficit	1680	718	4029	3394	3456	1372	-182	1498	3477	3478	2930	8449	6664	1963
18	1946 Regional Report Surplus Deficit	3819	3304	5108	3916	3786	3354	2776	4222	6823	8660	8617	8354	6938	4257
19	1947 Regional Report Surplus Deficit	4591	4523	5687	4253	4298	5526	4721	6460	7646	8187	7598	8344	6779	4220
20	1948 Regional Report Surplus Deficit	3979	3248	5417	8705	6760	4257	4826	5552	6539	8173	8292	8737	6703	4751
21	1949 Regional Report Surplus Deficit	4471	5145	7665	4820	4144	2844	3011	3211	7511	8705	8501	8594	6845	1995
22	1950 Regional Report Surplus Deficit	3089	2686	4914	3905	3912	2922	4821	5652	7504	8970	8125	7928	6924	4617
23	1951 Regional Report Surplus Deficit	4630	5232	6002	6222	7380	5757	5356	6983	7716	9108	8264	8299	6658	4581
24	1952 Regional Report Surplus Deficit	4571	5078	5902	8161	5678	4301	4401	6274	6975	9084	8908	8668	7115	3962
25	1953 Regional Report Surplus Deficit	3917	3512	5120	3630	3496	1891	2679	4314	6462	6986	7240	8444	7267	4643
26	1954 Regional Report Surplus Deficit	4252	4299	5712	4573	4508	3754	4409	6182	7362	8528	7825	8243	6814	5207
27	1955 Regional Report Surplus Deficit	4766	5187	9752	4901	5838	3211	1890	2421	3917	5915	6580	7864	7177	5368
28	1956 Regional Report Surplus Deficit	4489	4888	5417	5165	6615	5557	5377	6322	6972	8400	8460	8357	7383	4857
29	1957 Regional Report Surplus Deficit	4645	5229	5782	5137	4130	3945	3061	3850	6765	9233	7679	8995	7118	3938
30	1958 Regional Report Surplus Deficit	4470	4119	5287	4487	4210	2804	3554	4509	6939	8286	8240	8629	7028	3506
31	1959 Regional Report Surplus Deficit	3522	3736	5185	4789	4983	5058	5426	6590	7394	8860	7718	8046	6862	4048
32	1960 Regional Report Surplus Deficit	4603	5125	9547	9157	7571	4816	4016	4594	6766	9066	8174	8280	6791	3781
33	1961 Regional Report Surplus Deficit	4360	3582	5073	4657	4073	3059	3853	4924	7501	8504	6928	8002	6600	3552
34	1962 Regional Report Surplus Deficit	4273	3808	4996	3808	4070	2514	3095	4591	5820	8879	8371	8357	6855	2309
35	1963 Regional Report Surplus Deficit	4136	3540	5040	5035	5427	4719	3749	5346	6493	6892	6963	8799	6548	3864
36	1964 Regional Report Surplus Deficit	4142	3653	5734	4279	3753	3066	2223	2914	4785	8676	6935	8065	7330	5189
37	1965 Regional Report Surplus Deficit	4538	5057	7084	6095	5249	5504	5153	6536	7223	8043	8491	8162	6565	4311
38	1966 Regional Report Surplus Deficit	4663	5190	5367	5106	4741	3344	3030	3799	5618	8947	7680	8025	6108	3840
39	1967 Regional Report Surplus Deficit	4111	3584	5240	3712	3780	3349	4870	6292	7420	7417	4243	8031	6888	4613
40	1968 Regional Report Surplus Deficit	4509	4736	5649	4761	4876	3415	4170	5554	7564	6423	5839	7615	6643	4118
41	1969 Regional Report Surplus Deficit	4395	4717	8030	6498	6778	4302	5133	6256	7104	8687	8278	8619	7035	4258
42	1970 Regional Report Surplus Deficit	4506	4228	5435	4676	4471	2662	3157	5212	6576	7870	5577	8465	7005	3630
43	1971 Regional Report Surplus Deficit	3439	3109	5194	3790	4117	2897	5145	6567	7848	8821	8036	8480	7314	5287
44	1972 Regional Report Surplus Deficit	4943	5338	6982	5339	4525	3734	4888	5863	7465	9066	8074	8454	7029	5066
45	1973 Regional Report Surplus Deficit	4713	5124	8122	5199	4562	3475	3410	3498	3945	2868	5258	7236	4477	2511
46	1974 Regional Report Surplus Deficit	3126	2050	4711	3965	3670	4518	5324	6505	7182	8291	8277	7804	6944	5553
47	1975 Regional Report Surplus Deficit	4758	5164	7667	4295	4272	2996	2978	5116	7234	6895	6930	8369	7191	5737
48	1976 Regional Report Surplus Deficit	4637	5115	6682	6867	7284	6063	5351	6691	7633	8881	8156	8434	6973	4917
49	1977 Regional Report Surplus Deficit	4913	5299	9656	5292	4350	2069	508	2032	3793	3038	5450	5053	-244	1794
50	1978 Regional Report Surplus Deficit	2017	1405	4724	3320	3316	3954	3254	4743	6379	8646	7788	8421	6052	4321
51	1979 Regional Report Surplus Deficit	4119	3585	6890	5319	4392	2654	2284	2512	6401	6564	7150	8726	5184	1794
52	1980 Regional Report Surplus Deficit	2296	2427	5016	4400	3883	2102	1957	2869	4117	7848	8042	8999	6690	2960
53	1981 Regional Report Surplus Deficit	3274	2554	5282	4603	4052	5070	4524	5935	6727	4871	7183	8263	6878	4195
54	1982 Regional Report Surplus Deficit	4183	4930	6423	4683	4691	3903	4597	6304	7782	8927	7755	8056	7028	4818
55	1983 Regional Report Surplus Deficit	4728	5212	8982	6602	5047	4291	5027	6189	7744	8941	7411	8214	6890	4852
56	1984 Regional Report Surplus Deficit	4406	5304	6955	4985	7690	4269	4408	6314	7750	9064	8035	8392	7363	4827
57	1985 Regional Report Surplus Deficit	4827	4975	6338	5155	5017	3397	2568	3643	5858	8615	7919	8373	5994	989
58	1986 Regional Report Surplus Deficit	2110	1913	5123	6211	6614	2958	3825	6107	7851	8649	8029	8245	6629	3477

Regional Report Surplus Deficit By Water Year

Operating Year 2021

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	3894	3015	5150	4103	4112	3555	2356	2525	5758	5977	6688	8118	5333	2231
60	1988 Regional Report Surplus Deficit	2166	1715	4794	3636	3233	1850	115	495	3494	5090	6873	7825	4480	3160
61	1989 Regional Report Surplus Deficit	3359	2352	4806	3701	3476	2965	943	1276	5748	8730	8120	8300	6116	1913
62	1990 Regional Report Surplus Deficit	2758	2627	5050	3822	4864	3375	3475	5335	7084	7971	8650	8118	6800	3681
63	1991 Regional Report Surplus Deficit	4393	4350	5214	3545	6937	4338	4265	6281	7055	8525	7245	8066	6577	4405
64	1992 Regional Report Surplus Deficit	4460	4992	5321	3573	3974	2322	1621	2412	5256	4632	5469	7045	2780	1313
65	1993 Regional Report Surplus Deficit	1789	1316	4328	3795	3508	2217	-417	234	4860	5738	6757	8038	6524	3367
66	1994 Regional Report Surplus Deficit	3864	3246	4708	3627	4347	2070	262	1404	3412	4196	6642	7780	5342	2865
67	1995 Regional Report Surplus Deficit	2864	1945	4598	3455	3317	2422	1513	4851	7518	7075	6352	8566	6933	3909
68	1996 Regional Report Surplus Deficit	4086	3784	5643	6588	7475	5550	5167	6864	7908	9184	9085	8524	6949	4893
69	1997 Regional Report Surplus Deficit	4601	5102	5536	4440	4572	4235	5432	6451	7679	8535	8706	8145	6975	5138
70	1998 Regional Report Surplus Deficit	4853	5350	9022	9093	6714	4110	3257	4346	6113	6942	7356	8620	7184	4232
71	1999 Regional Report Surplus Deficit	4318	4047	5449	4377	3700	3855	5150	6180	7553	8407	8042	8281	7350	5199
72	2000 Regional Report Surplus Deficit	5057	5546	7497	4930	7435	4801	3816	4983	7105	9176	8544	8263	6479	3881
73	2001 Regional Report Surplus Deficit	4536	3016	5219	4411	3978	2056	460	1656	3814	3484	5979	6469	-990	1148
74	2002 Regional Report Surplus Deficit	1524	1091	4492	2608	3280	2416	875	2373	4453	8045	8086	8001	6742	4537
75	2003 Regional Report Surplus Deficit	4517	3868	5119	3056	4048	2057	753	1752	6708	7954	7307	8040	6845	2030
76	2004 Regional Report Surplus Deficit	2030	1899	4811	4084	3840	3367	1413	1447	5553	6902	6734	8211	6039	2483
77	2005 Regional Report Surplus Deficit	2553	2538	6648	4521	4000	3288	2420	3603	5137	4007	6508	8144	6292	2825
78	2006 Regional Report Surplus Deficit	3670	2529	4675	3597	3877	2915	3396	6211	7035	8863	8359	8603	7027	3558
79	2007 Regional Report Surplus Deficit	3716	2912	5018	3396	4739	2950	3580	3728	7946	8371	7442	8206	5904	3960
80	2008 Regional Report Surplus Deficit	3846	2644	4838	3968	3564	2451	1514	2476	5047	6978	5153	8160	7327	4418

Ranked Averages

81	**Bottom 10 pct**	**1922**	**1420**	**4622**	**3830**	**3812**	**2497**	**996**	**2156**	**5319**	**6911**	**6937**	**8211**	**6259**	**3348**
82	**Middle 80 pct**	**3943**	**3709**	**5540**	**4670**	**4624**	**3434**	**3146**	**4387**	**6293**	**7389**	**7288**	**8097**	**6122**	**3635**
83	**Top 10 pct**	**4856**	**5259**	**8237**	**5701**	**5399**	**3576**	**3116**	**4324**	**6154**	**7323**	**7283**	**7901**	**5963**	**3990**

Regional Report Surplus Deficit By Water Year

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	2993	2838	3768	3159	2451	986	447	1266	3023	2206	4430	8633	6240	903
2	1930 Regional Report Surplus Deficit	1711	1299	3569	2564	2165	877	-447	1480	3099	2954	4965	7849	2849	2497
3	1931 Regional Report Surplus Deficit	1918	1209	3133	2203	2419	620	-1024	-569	2668	3830	2312	8909	3531	1848
4	1932 Regional Report Surplus Deficit	692	-57.2	3209	2039	1420	740	-1162	-424	6213	7300	6703	9886	7687	2955
5	1933 Regional Report Surplus Deficit	2814	2646	4112	3078	1757	2199	2559	5012	6279	6226	5525	9264	7988	4391
6	1934 Regional Report Surplus Deficit	3140	3669	4231	4506	5844	4676	5091	6172	7329	7099	6398	9156	5909	2424
7	1935 Regional Report Surplus Deficit	1582	1154	2853	2778	1524	1899	2809	4572	6412	5309	5109	9451	6630	3459
8	1936 Regional Report Surplus Deficit	3063	2364	3499	2237	2038	713	-93.5	400	3699	4511	6705	10313	7591	2473
9	1937 Regional Report Surplus Deficit	2165	1434	3465	2152	2368	638	-488	-437	2707	2659	1837	8865	5062	1910
10	1938 Regional Report Surplus Deficit	2288	1373	3466	2457	1607	2372	2729	3971	6353	7239	6991	9756	7495	3321
11	1939 Regional Report Surplus Deficit	2603	1777	3824	3184	2067	1151	1714	2418	4776	6045	5919	9971	4794	2124
12	1940 Regional Report Surplus Deficit	1282	788	3303	2747	2592	2012	1434	1421	7278	6367	5344	9795	5290	1976
13	1941 Regional Report Surplus Deficit	1378	427	3092	2629	1576	1871	300	1301	3549	2909	3519	8448	4370	1866
14	1942 Regional Report Surplus Deficit	1206	373	3016	2797	3157	2424	2351	3203	5251	4351	5532	9099	6878	3734
15	1943 Regional Report Surplus Deficit	2696	2137	4722	3188	1553	1897	3244	5445	6920	7751	7465	9639	7909	3345
16	1944 Regional Report Surplus Deficit	3006	2611	3849	2222	2190	1101	558	1307	3063	1830	4539	6413	1941	703
17	1945 Regional Report Surplus Deficit	325	-677	2623	1833	1712	247	-428	898	3110	1926	1438	9808	7341	1559
18	1946 Regional Report Surplus Deficit	2474	1834	3653	2373	1968	2282	2501	3853	6551	7223	7030	9754	7630	3736
19	1947 Regional Report Surplus Deficit	3248	3043	4197	2716	2553	4435	4370	6017	7302	6747	6032	9742	7504	3704
20	1948 Regional Report Surplus Deficit	2637	1766	3931	7003	5115	3181	4470	5153	6268	6733	6696	10099	7510	4251
21	1949 Regional Report Surplus Deficit	3122	3714	6188	3261	2379	1768	2714	2821	7191	7266	6905	9992	7539	1583
22	1950 Regional Report Surplus Deficit	1728	1267	3491	2357	2128	1847	4470	5208	7191	7541	6533	9324	7662	4101
23	1951 Regional Report Surplus Deficit	3280	3795	4510	4611	5729	4665	5006	6539	7404	7677	6668	9698	7325	4078
24	1952 Regional Report Surplus Deficit	3224	3633	4412	6469	4022	3226	4060	5857	6696	7655	7322	10044	7851	3438
25	1953 Regional Report Surplus Deficit	2576	2033	3685	2091	1694	794	2408	3942	6196	5542	5688	9836	8087	4135
26	1954 Regional Report Surplus Deficit	2910	2814	4226	3021	2791	2683	4077	5768	7050	7088	6249	9642	7534	4723
27	1955 Regional Report Surplus Deficit	3413	3756	8340	3340	4189	2139	1637	1991	3609	4448	5034	9225	7956	4885
28	1956 Regional Report Surplus Deficit	3142	3430	3943	3596	4971	4466	5026	5879	6660	6961	6873	9751	8191	4353
29	1957 Regional Report Surplus Deficit	3296	3789	4296	3570	2355	2874	2768	3475	6498	7807	6107	10351	7948	3416
30	1958 Regional Report Surplus Deficit	3129	2634	3809	2936	2478	1719	3255	4138	6651	6847	6652	10013	7779	2988
31	1959 Regional Report Surplus Deficit	2175	2254	3707	3222	3303	3973	5058	6147	7075	7422	6144	9426	7627	3525
32	1960 Regional Report Surplus Deficit	3251	3693	8133	7555	5914	3731	3681	4223	6497	7673	6578	9650	7480	3258
33	1961 Regional Report Surplus Deficit	3019	2106	3602	3098	2306	1986	3528	4552	7183	7064	5375	9399	7371	3029
34	1962 Regional Report Surplus Deficit	2931	2323	3528	2263	2323	1430	2804	4220	4394	7623	6780	9753	7581	1875
35	1963 Regional Report Surplus Deficit	2793	2062	3581	3442	3768	3638	3426	4968	6223	5442	5416	10156	7198	3342
36	1964 Regional Report Surplus Deficit	2801	2169	4242	2736	1922	1991	1962	2506	4492	7237	5389	9456	8138	4703
37	1965 Regional Report Surplus Deficit	3190	3625	5597	4475	3583	4412	4802	6093	6911	6603	6904	9562	7257	3796
38	1966 Regional Report Surplus Deficit	3312	3759	3893	3533	3053	2272	2745	3426	4683	7612	6110	9361	6736	3318
39	1967 Regional Report Surplus Deficit	2769	2104	3759	2164	1982	2277	4515	5849	7107	5974	2736	9407	7659	4106
40	1968 Regional Report Surplus Deficit	3162	3272	4159	3203	3187	2343	3849	5170	7238	4972	4310	8937	7360	3601
41	1969 Regional Report Surplus Deficit	3050	3254	6567	4862	5132	3226	4778	5813	6791	7248	6684	10007	7736	3741
42	1970 Regional Report Surplus Deficit	3162	2744	3951	3125	2755	1575	2873	4831	6309	6430	4058	9834	7768	3110
43	1971 Regional Report Surplus Deficit	2086	1649	3721	2246	2340	1816	4794	6123	7481	7389	6440	9867	8112	4799
44	1972 Regional Report Surplus Deficit	3590	3904	5490	3769	2781	2663	4538	5420	7151	7655	6484	9843	7830	4578
45	1973 Regional Report Surplus Deficit	3359	3694	6652	3630	2839	2402	3116	3116	3611	1290	3739	8559	5090	2047
46	1974 Regional Report Surplus Deficit	1775	624	3260	2408	1732	3441	4976	6066	6870	6851	6689	9186	7713	5073
47	1975 Regional Report Surplus Deficit	3406	3734	6190	2758	2526	1916	2699	4736	6945	5450	5377	9762	7990	5263
48	1976 Regional Report Surplus Deficit	3289	3661	5189	5227	5633	4974	4987	6248	7321	7462	6561	9828	7684	4421
49	1977 Regional Report Surplus Deficit	3560	3866	8239	3716	2623	971	266	1576	3461	1463	3927	6428	485	1348
50	1978 Regional Report Surplus Deficit	655	33.1	3363	1786	1385	2881	2960	4370	6113	7218	6212	9815	6682	3806
51	1979 Regional Report Surplus Deficit	2776	2106	5405	3732	2669	1571	2011	2053	6137	5114	5592	10124	5791	1395
52	1980 Regional Report Surplus Deficit	934	996	3547	2846	2144	980	1702	2443	3784	6409	6458	10373	7418	2474
53	1981 Regional Report Surplus Deficit	1927	1104	3795	3041	2308	3985	4179	5524	6450	3382	5621	9642	7684	3683
54	1982 Regional Report Surplus Deficit	2836	3493	4930	3132	2997	2831	4253	5861	7442	7492	6166	9453	7793	4318
55	1983 Regional Report Surplus Deficit	3377	3781	7536	4975	3363	3217	4676	5745	7432	7503	5840	9614	7587	4354
56	1984 Regional Report Surplus Deficit	3055	3874	5464	3427	6035	3195	4081	5899	7437	7653	6442	9791	8160	4328
57	1985 Regional Report Surplus Deficit	3478	3502	4844	3598	3318	2325	2295	3265	5594	7175	6330	9773	6610	673
58	1986 Regional Report Surplus Deficit	740	534	3674	4593	4969	1885	3514	5700	7535	7217	6433	9613	7340	2958

Regional Report Surplus Deficit By Water Year

Operating Year 2022

2012 White Book Report Date: **10/19/2012**

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	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	2552	1548	3675	2563	2324	2484	2093	2080	5491	4516	5144	9476	5948	1786
60	1988 Regional Report Surplus Deficit	803	315	3362	2086	1494	724	-125	-212	3149	3596	5327	9148	5094	2645
61	1989 Regional Report Surplus Deficit	2010	905	3377	2158	1615	1892	702	661	5480	7290	6524	9684	6734	1510
62	1990 Regional Report Surplus Deficit	1402	1181	3594	2274	3191	2304	3174	4935	6788	6531	7064	9497	7503	3159
63	1991 Regional Report Surplus Deficit	3051	2870	3743	2011	5288	3259	3927	5840	6744	7086	5673	9459	7276	3904
64	1992 Regional Report Surplus Deficit	3115	3550	3841	2034	2218	1231	1367	1973	4987	3143	3945	8368	3407	879
65	1993 Regional Report Surplus Deficit	426	-93.4	2926	2236	1754	1132	-663	-510	4577	4271	5215	9417	7171	2859
66	1994 Regional Report Surplus Deficit	2519	1769	3250	2083	2663	983	22.0	888	3048	2679	5101	9132	5953	2371
67	1995 Regional Report Surplus Deficit	1511	513	3137	1909	1450	1338	1266	4480	7199	5632	4815	9908	7660	3385
68	1996 Regional Report Surplus Deficit	2743	2302	4154	4942	5823	4506	4816	6421	7593	7753	7506	9922	7713	4402
69	1997 Regional Report Surplus Deficit	3251	3665	4062	2894	2858	3161	5081	6045	7365	7095	7126	9540	7779	4651
70	1998 Regional Report Surplus Deficit	3501	3920	7574	7402	5069	3038	2971	3976	5848	5496	5794	9998	7968	3711
71	1999 Regional Report Surplus Deficit	2971	2562	3971	2833	1820	2784	4799	5737	7241	6968	6452	9679	8146	4706
72	2000 Regional Report Surplus Deficit	3705	4117	6015	3369	5778	3719	3507	4606	6820	7745	6953	9625	7109	3358
73	2001 Regional Report Surplus Deficit	3195	1584	3750	2863	2233	956	218	1163	3483	1941	4452	7797	-227	708
74	2002 Regional Report Surplus Deficit	165	-320	3166	1074	1402	1331	635	1942	4151	6605	6490	9344	7476	4031
75	2003 Regional Report Surplus Deficit	3176	2384	3647	1521	2353	961	513	1263	6435	6514	5740	9392	7557	1618
76	2004 Regional Report Surplus Deficit	660	507	3394	2518	2124	2296	1164	855	5285	5458	5186	9561	6666	2036
77	2005 Regional Report Surplus Deficit	1192	1093	5161	2956	2270	2217	2138	3231	4527	3353	4962	9526	6931	2347
78	2006 Regional Report Surplus Deficit	2323	1081	3207	2036	2137	1840	3099	5790	6738	7452	6771	9970	7747	3040
79	2007 Regional Report Surplus Deficit	2370	1443	3574	1862	3061	1876	3268	3355	7605	6932	5867	9583	6524	3436
80	2008 Regional Report Surplus Deficit	2497	1214	3439	2401	1812	1371	1263	2062	4767	5533	3641	9554	8137	3900

Ranked Averages

81	**Bottom 10 pct**	**558**	**30.1**	**3215**	**2270**	**2033**	**1405**	**737**	**1577**	**5017**	**5449**	**5375**	**9574**	**6932**	**2856**
82	**Middle 80 pct**	**2596**	**2251**	**4070**	**3103**	**2883**	**2353**	**2846**	**3948**	**5953**	**5955**	**5724**	**9470**	**6831**	**3144**
83	**Top 10 pct**	**3504**	**3823**	**6778**	**4116**	**3706**	**2499**	**2824**	**3914**	**5858**	**5867**	**5717**	**9284**	**6692**	**3521**

Regional Report Surplus Deficit By Water Year

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1	1929 Regional Report Surplus Deficit	2499	2511	3456	2883	2439	749	-7.34	1106	2880	2091	4315	7324	4974	471
2	1930 Regional Report Surplus Deficit	1228	950	3260	2286	2138	640	-901	1323	2950	2807	4863	6550	1517	2239
3	1931 Regional Report Surplus Deficit	1430	859	2811	1929	2356	376	-1471	-462	2531	3657	2172	7615	2243	1568
4	1932 Regional Report Surplus Deficit	222	-506	2890	1759	1482	504	-1606	-316	5982	7087	6656	8525	6285	2709
5	1933 Regional Report Surplus Deficit	2319	2312	3819	2807	1889	1933	2149	4756	6053	6016	5438	7921	6524	4125
6	1934 Regional Report Surplus Deficit	2648	3300	3937	4295	5740	4417	4742	5948	7158	6857	6350	7792	4619	2175
7	1935 Regional Report Surplus Deficit	1104	802	2524	2513	1712	1635	2408	4291	6195	5105	5006	8131	5356	3217
8	1936 Regional Report Surplus Deficit	2571	2040	3165	1955	2035	474	-548	366	3520	4321	6658	8955	6251	2203
9	1937 Regional Report Surplus Deficit	1675	1072	3126	1868	2310	396	-943	-386	2571	2523	1696	7572	3783	1603
10	1938 Regional Report Surplus Deficit	1801	1008	3122	2185	1720	2106	2321	3679	6117	7027	6943	8388	6153	3081
11	1939 Regional Report Surplus Deficit	2114	1432	3527	2916	2085	920	1273	2168	4565	5836	5844	8621	3519	1837
12	1940 Regional Report Surplus Deficit	802	422	2981	2494	2523	1746	996	1304	7083	6156	5255	8475	4022	1685
13	1941 Regional Report Surplus Deficit	897	42.2	2753	2368	1586	1606	-155	1149	3369	2748	3400	7149	3101	1611
14	1942 Regional Report Surplus Deficit	720	12.6	2689	2526	3068	2158	1932	2918	5014	4164	5454	7790	5578	3484
15	1943 Regional Report Surplus Deficit	2201	1814	4431	2923	1741	1637	2854	5183	6712	7508	7395	8269	6469	3105
16	1944 Regional Report Surplus Deficit	2511	2289	3529	1928	2184	868	105	1138	2926	1711	4425	5080	607	377
17	1945 Regional Report Surplus Deficit	-156	-1090	2245	1562	1695	34.2	-877	836	2974	1828	1288	8479	6005	1200
18	1946 Regional Report Surplus Deficit	1982	1496	3324	2085	2025	2016	2081	3560	6320	7010	6975	8384	6279	3494
19	1947 Regional Report Surplus Deficit	2755	2715	3903	2422	2537	4188	4027	5793	7143	6536	5956	8374	6120	3457
20	1948 Regional Report Surplus Deficit	2142	1440	3633	6874	4998	2919	4131	4889	6036	6522	6650	8767	6044	3988
21	1949 Regional Report Surplus Deficit	2635	3337	5881	2989	2382	1506	2316	2549	7008	7054	6859	8624	6186	1232
22	1950 Regional Report Surplus Deficit	1252	878	3130	2074	2150	1584	4121	4985	6996	7320	6483	7958	6266	3854
23	1951 Regional Report Surplus Deficit	2794	3425	4218	4390	5618	4419	4656	6316	7208	7457	6622	8329	5999	3818
24	1952 Regional Report Surplus Deficit	2734	3270	4118	6330	3917	2964	3706	5611	6472	7434	7266	8698	6456	3199
25	1953 Regional Report Surplus Deficit	2081	1704	3336	1799	1735	553	1984	3652	5959	5335	5598	8474	6608	3880
26	1954 Regional Report Surplus Deficit	2415	2491	3928	2741	2747	2417	3714	5519	6859	6878	6183	8273	6155	4443
27	1955 Regional Report Surplus Deficit	2930	3380	7968	3069	4076	1873	1196	1759	3414	4264	4938	7893	6518	4605
28	1956 Regional Report Surplus Deficit	2653	3080	3633	3334	4854	4219	4677	5655	6464	6764	6818	8386	6724	4093
29	1957 Regional Report Surplus Deficit	2809	3421	3998	3306	2368	2608	2366	3187	6262	7582	6037	9025	6459	3175
30	1958 Regional Report Surplus Deficit	2634	2311	3503	2656	2449	1466	2859	3846	6435	6636	6598	8659	6369	2743
31	1959 Regional Report Surplus Deficit	1686	1928	3401	2958	3221	3720	4731	5923	6891	7210	6076	8076	6203	3285
32	1960 Regional Report Surplus Deficit	2766	3318	7763	7326	5810	3479	3321	3932	6263	7415	6532	8310	6132	3017
33	1961 Regional Report Surplus Deficit	2524	1774	3289	2826	2311	1721	3158	4261	6998	6853	5286	8032	5941	2789
34	1962 Regional Report Surplus Deficit	2436	2000	3212	1977	2308	1177	2400	3929	5317	7228	6729	8387	6196	1546
35	1963 Regional Report Surplus Deficit	2300	1732	3256	3204	3665	3381	3055	4683	5990	5241	5321	8828	5890	3101
36	1964 Regional Report Surplus Deficit	2306	1846	3950	2447	1992	1728	1528	2251	4282	7025	5293	8095	6671	4426
37	1965 Regional Report Surplus Deficit	2702	3250	5300	4264	3487	4167	4453	5869	6715	6392	6849	8192	5906	3548
38	1966 Regional Report Surplus Deficit	2827	3382	3583	3275	2979	2006	2335	3136	5115	7296	6038	8054	5449	3077
39	1967 Regional Report Surplus Deficit	2275	1776	3456	1881	2019	2011	4175	5625	6912	5766	2601	8061	6229	3849
40	1968 Regional Report Surplus Deficit	2673	2929	3865	2930	3114	2077	3475	4891	7061	4772	4197	7645	5984	3354
41	1969 Regional Report Surplus Deficit	2558	2909	6246	4667	5016	2964	4433	5589	6597	7052	6636	8648	6376	3495
42	1970 Regional Report Surplus Deficit	2670	2420	3651	2845	2709	1325	2462	4549	6073	6219	3935	8494	6346	2867
43	1971 Regional Report Surplus Deficit	1602	1301	3410	1959	2356	1559	4445	5900	7345	7171	6394	8510	6655	4524
44	1972 Regional Report Surplus Deficit	3106	3530	5198	3508	2763	2396	4188	5196	6957	7416	6432	8483	6370	4303
45	1973 Regional Report Surplus Deficit	2877	3316	6338	3368	2800	2137	2715	2835	3442	1217	3616	7266	3818	1748
46	1974 Regional Report Surplus Deficit	1289	242	2927	2134	1908	3180	4630	5842	6675	6655	6635	7834	6285	4790
47	1975 Regional Report Surplus Deficit	2922	3356	5883	2464	2510	1658	2283	4454	6731	5244	5288	8399	6532	4973
48	1976 Regional Report Surplus Deficit	2801	3307	4898	5036	5522	4726	4656	6024	7126	7230	6514	8464	6315	4153
49	1977 Regional Report Surplus Deficit	3077	3491	7872	3461	2589	732	-187	1369	3290	1388	3808	5083	-903	1031
50	1978 Regional Report Surplus Deficit	181	-402	2939	1489	1555	2617	2559	4080	5876	6995	6146	8451	5393	3558
51	1979 Regional Report Surplus Deficit	2283	1777	5106	3488	2630	1317	1589	1850	5897	4914	5508	8755	4525	1031
52	1980 Regional Report Surplus Deficit	459	619	3232	2568	2121	764	1262	2206	3614	6198	6400	9029	6031	2196
53	1981 Regional Report Surplus Deficit	1437	747	3498	2772	2290	3732	3829	5272	6224	3220	5541	8292	6220	3432
54	1982 Regional Report Surplus Deficit	2347	3122	4639	2852	2929	2565	3902	5637	7275	7276	6113	8086	6369	4055
55	1983 Regional Report Surplus Deficit	2891	3405	7198	4771	3285	2954	4327	5522	7237	7291	5769	8244	6231	4089
56	1984 Regional Report Surplus Deficit	2570	3497	5171	3154	5928	2931	3713	5652	7247	7413	6393	8422	6704	4064
57	1985 Regional Report Surplus Deficit	2990	3167	4553	3324	3255	2059	1873	2981	5355	6964	6277	8403	5335	226
58	1986 Regional Report Surplus Deficit	274	105	3339	4380	4852	1620	3130	5444	7348	6999	6387	8275	5970	2714

Regional Report Surplus Deficit By Water Year

Operating Year 2023

2012 White Book Report Date: **10/19/2012**

S104-WB-20121129-173308Continued

	1Hr-MW - Surplus Deficit	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59	1987 Regional Report Surplus Deficit	2058	1208	3366	2272	2351	2218	1661	1862	5255	4327	5046	8147	4674	1468
60	1988 Regional Report Surplus Deficit	330	-92.8	3010	1805	1472	512	-580	-167	2991	3440	5231	7855	3821	2397
61	1989 Regional Report Surplus Deficit	1522	544	3022	1870	1714	1627	248	613	5245	7080	6478	8330	5457	1150
62	1990 Regional Report Surplus Deficit	922	819	3265	1991	3102	2038	2780	4672	6581	6321	7008	8148	6141	2918
63	1991 Regional Report Surplus Deficit	2557	2542	3430	1714	5175	3000	3570	5618	6552	6875	5603	8096	5918	3642
64	1992 Regional Report Surplus Deficit	2624	3185	3537	1741	2212	984	926	1749	4753	2981	3827	7075	2121	550
65	1993 Regional Report Surplus Deficit	-47.4	-491	2543	1964	1746	880	-1112	-429	4357	4087	5115	8068	5865	2604
66	1994 Regional Report Surplus Deficit	2027	1438	2924	1795	2585	733	-433	741	2908	2545	5000	7809	4683	2102
67	1995 Regional Report Surplus Deficit	1027	137	2814	1624	1555	1084	818	4189	7015	5425	4710	8595	6274	3146
68	1996 Regional Report Surplus Deficit	2250	1976	3859	4757	5714	4213	4467	6197	7405	7534	7443	8554	6290	4129
69	1997 Regional Report Surplus Deficit	2765	3294	3752	2609	2810	2897	4732	5788	7171	6899	7064	8174	6316	4375
70	1998 Regional Report Surplus Deficit	3017	3543	7238	7262	4952	2773	2562	3684	5610	5291	5714	8650	6525	3469
71	1999 Regional Report Surplus Deficit	2482	2239	3665	2546	1938	2518	4450	5513	7045	6757	6400	8311	6691	4435
72	2000 Regional Report Surplus Deficit	3221	3739	5713	3099	5673	3463	3121	4320	6601	7525	6902	8293	5820	3118
73	2001 Regional Report Surplus Deficit	2700	1208	3435	2580	2217	718	-235	993	3311	1834	4337	6498	-1649	384
74	2002 Regional Report Surplus Deficit	-312	-716	2708	776	1518	1079	180	1711	3950	6394	6444	8031	6083	3774
75	2003 Regional Report Surplus Deficit	2681	2060	3335	1225	2287	719	58.0	1089	6205	6303	5665	8069	6186	1266
76	2004 Regional Report Surplus Deficit	194	91.1	3027	2253	2078	2030	718	784	5050	5251	5092	8241	5380	1720
77	2005 Regional Report Surplus Deficit	717	730	4863	2690	2238	1951	1725	2940	4634	2356	4866	8174	5633	2062
78	2006 Regional Report Surplus Deficit	1833	722	2891	1766	2115	1577	2701	5549	6532	7213	6717	8633	6368	2795
79	2007 Regional Report Surplus Deficit	1880	1105	3233	1564	2977	1613	2885	3066	7443	6721	5800	8236	5245	3196
80	2008 Regional Report Surplus Deficit	2010	837	3054	2137	1802	1113	819	1813	4543	5328	3511	8189	6668	3655

Ranked Averages

81	**Bottom 10 pct**	**85.5**	**-388**	**2838**	**1998**	**2050**	**1159**	**302**	**1493**	**4816**	**5260**	**5295**	**8241**	**5600**	**2585**
82	**Middle 80 pct**	**2107**	**1901**	**3756**	**2839**	**2863**	**2097**	**2450**	**3723**	**5789**	**5739**	**5646**	**8127**	**5463**	**2872**
83	**Top 10 pct**	**3019**	**3451**	**6453**	**3870**	**3638**	**2238**	**2420**	**3660**	**5649**	**5673**	**5641**	**7931**	**5304**	**3227**

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BONNEVILLE POWER ADMINISTRATION
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