

2015 Pacific Northwest Loads and Resources Study

Technical Appendix, Volume 2: Capacity Analysis

January 2016



2015 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY
The White Book

TECHNICAL APPENDIX

Volume 2

Capacity Analysis

BONNEVILLE POWER ADMINISTRATION
January 2016

Cover Picture:

Source: Energy Northwest

Picture is of Columbia Generating Station.

The Columbia Generating Station (CGS) nuclear facility is the third largest electricity generator in Washington, behind Grand Coulee and Chief Joseph dams. CGS (formerly named WNP-2 until April 27, 2000) is the only commercial nuclear energy facility in the region. Columbia Generating Station is operated by Energy Northwest, BPA is contracted to sell and distribute the power generated. CGS began delivering power to the region in 1984, and is located north of Richland Washington on the Department of Energy's (DOE's) Hanford Nuclear Reservation. The plant uses water from the Columbia River for cooling.

ACKNOWLEDGMENTS

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

Bonneville Power Administration

Generation Asset Management:

Long Term Power Planning Group
Regional Coordination Group
Operational Planning Group

Customer Support Services:

Load Forecasting and Analysis Group

Bulk Marketing and Transmission Services:

Long Term Sales and Purchasing Group

NW Requirements Marketing:

Office of General Counsel

Power Services Business Operations

Pacific Northwest Utilities Conference Committee

Northwest Power & Conservation Council

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**Section 1: Monthly Capacity
(Common Tables)
Operating Year 2017 to 2026**

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Exhibit 1
Table A-1: Regional Total Retail Loads

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-1: Regional: Total Retail Loads
Operating Year 2017
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads														
1 Federal Agency	145	145	138	160	187	215	216	204	196	180	180	162	151	156
2 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
3 Cooperative	2713	2713	2499	2513	2862	3240	3200	3017	2720	2657	2657	2576	2633	2811
4 Municipality	3293	3293	3125	3609	4131	4393	4475	4242	3893	3625	3625	3104	3139	3382
5 Public Utility District	5566	5566	5307	5888	6752	7345	7442	6973	6439	6072	6072	5506	5391	5657
6 Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973
7 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
9 Total Firm Loads	30360	30360	27160	27783	31077	34040	34507	32340	29815	28008	28008	26302	29168	31345
Non-Firm Loads														
10 Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11 Total Non-Firm Loads	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
Total Regional Loads (Firm+Non-Firm)														
12 Federal Agency	145	145	138	160	187	215	216	204	196	180	180	162	151	156
13 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
14 Cooperative	2713	2713	2499	2513	2862	3240	3200	3017	2720	2657	2657	2576	2633	2811
15 Municipality	3293	3293	3125	3609	4131	4393	4475	4242	3893	3625	3625	3104	3139	3382
16 Public Utility District	5566	5566	5321	5888	6752	7345	7446	6996	6493	6106	6106	5506	5391	5657
17 Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973
18 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
20 Total Loads	30360	30360	27174	27783	31077	34040	34511	32363	29869	28042	28042	26302	29168	31345

Table A-1: Regional: Total Retail Loads
Operating Year 2018
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads														
1 Federal Agency	149	149	141	164	189	218	211	202	196	183	183	165	154	159
2 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
3 Cooperative	2734	2734	2518	2542	2893	3273	3233	3046	2751	2687	2687	2606	2663	2842
4 Municipality	3360	3360	3170	3633	4156	4418	4531	4296	3948	3680	3680	3151	3185	3429
5 Public Utility District	5634	5634	5373	5961	6809	7402	7531	7056	6535	6143	6143	5578	5469	5738
6 Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292
7 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
9 Total Firm Loads	30879	30879	27571	28138	31439	34428	34960	32761	30226	28386	28386	26672	29612	31825
Non-Firm Loads														
10 Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11 Total Non-Firm Loads	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
Total Regional Loads (Firm+Non-Firm)														
12 Federal Agency	149	149	141	164	189	218	211	202	196	183	183	165	154	159
13 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
14 Cooperative	2734	2734	2518	2542	2893	3273	3233	3046	2751	2687	2687	2606	2663	2842
15 Municipality	3360	3360	3170	3633	4156	4418	4531	4296	3948	3680	3680	3151	3185	3429
16 Public Utility District	5634	5634	5387	5961	6809	7402	7535	7079	6589	6177	6177	5578	5469	5738
17 Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292
18 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
20 Total Loads	30879	30879	27585	28138	31439	34428	34964	32784	30280	28420	28420	26672	29612	31825

Table A-1: Regional: Total Retail Loads
Operating Year 2019
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads														
1 Federal Agency	152	152	144	167	197	222	212	200	196	184	184	166	164	177
2 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
3 Cooperative	2764	2764	2548	2572	2924	3306	3266	3079	2782	2717	2717	2636	2693	2872
4 Municipality	3406	3406	3216	3686	4211	4475	4557	4321	3973	3704	3704	3167	3201	3446
5 Public Utility District	5705	5705	5433	6018	6870	7468	7584	7104	6579	6188	6188	5619	5514	5784
6 Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592
7 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
9 Total Firm Loads	31349	31349	27948	28488	31818	34832	35324	33102	30545	28688	28688	26958	29980	32237
Non-Firm Loads														
10 Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11 Total Non-Firm Loads	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
Total Regional Loads (Firm+Non-Firm)														
12 Federal Agency	152	152	144	167	197	222	212	200	196	184	184	166	164	177
13 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
14 Cooperative	2764	2764	2548	2572	2924	3306	3266	3079	2782	2717	2717	2636	2693	2872
15 Municipality	3406	3406	3216	3686	4211	4475	4557	4321	3973	3704	3704	3167	3201	3446
16 Public Utility District	5705	5705	5447	6018	6870	7468	7588	7127	6633	6222	6222	5619	5514	5784
17 Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592
18 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
20 Total Loads	31349	31349	27962	28488	31818	34832	35328	33125	30599	28722	28722	26958	29980	32237

Table A-1: Regional: Total Retail Loads
Operating Year 2020
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads														
1 Federal Agency	168	168	164	186	208	239	232	221	208	194	194	181	179	184
2 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
3 Cooperative	2795	2795	2577	2607	2961	3344	3304	3094	2818	2754	2754	2674	2733	2914
4 Municipality	3423	3423	3233	3710	4235	4501	4583	4344	3998	3729	3729	3184	3218	3464
5 Public Utility District	5750	5750	5475	6058	6915	7518	7630	7146	6617	6226	6226	5654	5553	5824
6 Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896
7 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
9 Total Firm Loads	31753	31753	28276	28813	32160	35216	35708	33441	30876	29007	29007	27264	30365	32647
Non-Firm Loads														
10 Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11 Total Non-Firm Loads	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
Total Regional Loads (Firm+Non-Firm)														
12 Federal Agency	168	168	164	186	208	239	232	221	208	194	194	181	179	184
13 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
14 Cooperative	2795	2795	2577	2607	2961	3344	3304	3094	2818	2754	2754	2674	2733	2914
15 Municipality	3423	3423	3233	3710	4235	4501	4583	4344	3998	3729	3729	3184	3218	3464
16 Public Utility District	5750	5750	5489	6058	6915	7518	7634	7169	6671	6260	6260	5654	5553	5824
17 Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896
18 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
20 Total Loads	31753	31753	28290	28813	32160	35216	35712	33464	30930	29041	29041	27264	30365	32647

Table A-1: Regional: Total Retail Loads
Operating Year 2021
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads														
1 Federal Agency	173	173	165	184	210	232	245	235	227	207	207	188	178	186
2 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
3 Cooperative	2835	2835	2615	2646	3000	3384	3345	3158	2858	2794	2794	2715	2777	2958
4 Municipality	3441	3441	3250	3735	4261	4527	4609	4373	4023	3753	3753	3200	3234	3481
5 Public Utility District	5790	5790	5511	6093	6956	7563	7678	7196	6663	6273	6273	5697	5599	5873
6 Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199
7 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8 Direct-Service Industry	459	459	459	504	505	505	505	505	505	505	505	504	504	504
9 Total Firm Loads	32154	32154	28596	29166	32542	35620	36143	33883	31277	29382	29382	27623	30791	33108
Non-Firm Loads														
10 Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11 Total Non-Firm Loads	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
Total Regional Loads (Firm+Non-Firm)														
12 Federal Agency	173	173	165	184	210	232	245	235	227	207	207	188	178	186
13 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
14 Cooperative	2835	2835	2615	2646	3000	3384	3345	3158	2858	2794	2794	2715	2777	2958
15 Municipality	3441	3441	3250	3735	4261	4527	4609	4373	4023	3753	3753	3200	3234	3481
16 Public Utility District	5790	5790	5525	6093	6956	7563	7682	7219	6717	6307	6307	5697	5599	5873
17 Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199
18 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19 Direct-Service Industry	459	459	459	504	505	505	505	505	505	505	505	504	504	504
20 Total Loads	32154	32154	28610	29166	32542	35620	36147	33906	31331	29416	29416	27623	30791	33108

Table A-1: Regional: Total Retail Loads
Operating Year 2022
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads														
1 Federal Agency	175	175	167	186	221	243	246	236	228	213	213	197	183	186
2 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
3 Cooperative	2879	2879	2656	2687	3042	3428	3388	3197	2899	2835	2835	2755	2817	2999
4 Municipality	3458	3458	3266	3759	4286	4553	4635	4398	4048	3777	3777	3216	3251	3498
5 Public Utility District	5838	5838	5556	6134	7002	7613	7729	7238	6702	6315	6315	5734	5643	5919
6 Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510
7 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8 Direct-Service Industry	504	504	504	504	505	505	505	505	505	505	505	504	504	504
9 Total Firm Loads	32612	32612	28975	29488	32895	35999	36520	34232	31609	29705	29705	27931	31171	33523
Non-Firm Loads														
10 Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11 Total Non-Firm Loads	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
Total Regional Loads (Firm+Non-Firm)														
12 Federal Agency	175	175	167	186	221	243	246	236	228	213	213	197	183	186
13 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
14 Cooperative	2879	2879	2656	2687	3042	3428	3388	3197	2899	2835	2835	2755	2817	2999
15 Municipality	3458	3458	3266	3759	4286	4553	4635	4398	4048	3777	3777	3216	3251	3498
16 Public Utility District	5838	5838	5570	6134	7002	7613	7733	7261	6756	6349	6349	5734	5643	5919
17 Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510
18 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19 Direct-Service Industry	504	504	504	504	505	505	505	505	505	505	505	504	504	504
20 Total Loads	32612	32612	28989	29488	32895	35999	36524	34255	31663	29739	29739	27931	31171	33523

Table A-1: Regional: Total Retail Loads
Operating Year 2023
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads														
1 Federal Agency	178	178	175	200	222	244	247	234	229	214	214	196	184	186
2 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
3 Cooperative	2920	2920	2696	2727	3084	3471	3431	3241	2940	2875	2875	2795	2857	3040
4 Municipality	3475	3475	3283	3783	4311	4579	4662	4424	4073	3802	3802	3233	3268	3516
5 Public Utility District	5884	5884	5598	6172	7044	7660	7776	7282	6743	6354	6354	5771	5687	5966
6 Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823
7 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8 Direct-Service Industry	504	504	504	549	550	550	550	550	550	550	550	549	549	549
9 Total Firm Loads	33023	33023	29311	29861	33277	36408	36942	34626	31988	30063	30063	28281	31596	33987
Non-Firm Loads														
10 Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11 Total Non-Firm Loads	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
Total Regional Loads (Firm+Non-Firm)														
12 Federal Agency	178	178	175	200	222	244	247	234	229	214	214	196	184	186
13 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
14 Cooperative	2920	2920	2696	2727	3084	3471	3431	3241	2940	2875	2875	2795	2857	3040
15 Municipality	3475	3475	3283	3783	4311	4579	4662	4424	4073	3802	3802	3233	3268	3516
16 Public Utility District	5884	5884	5612	6172	7044	7660	7780	7305	6797	6388	6388	5771	5687	5966
17 Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823
18 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19 Direct-Service Industry	504	504	504	549	550	550	550	550	550	550	550	549	549	549
20 Total Loads	33023	33023	29325	29861	33277	36408	36946	34649	32042	30097	30097	28281	31596	33987

Table A-1: Regional: Total Retail Loads
Operating Year 2024
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads														
1 Federal Agency	178	178	175	199	223	244	248	237	229	214	214	197	184	187
2 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
3 Cooperative	2961	2961	2735	2762	3121	3510	3470	3254	2977	2910	2910	2830	2892	3076
4 Municipality	3494	3494	3300	3808	4337	4606	4687	4446	4098	3826	3826	3249	3284	3533
5 Public Utility District	5921	5921	5633	6203	7080	7699	7817	7319	6777	6386	6386	5802	5723	6005
6 Investor-Owned Utility	19482	19482	16487	15956	17775	19558	19999	18565	17018	15746	15746	15113	18467	20137
7 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
9 Total Firm Loads	33469	33469	29676	30163	33610	36768	37308	34941	32316	30362	30362	28568	31966	34394
Non-Firm Loads														
10 Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11 Total Non-Firm Loads	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
Total Regional Loads (Firm+Non-Firm)														
12 Federal Agency	178	178	175	199	223	244	248	237	229	214	214	197	184	187
13 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
14 Cooperative	2961	2961	2735	2762	3121	3510	3470	3254	2977	2910	2910	2830	2892	3076
15 Municipality	3494	3494	3300	3808	4337	4606	4687	4446	4098	3826	3826	3249	3284	3533
16 Public Utility District	5921	5921	5647	6203	7080	7699	7821	7342	6831	6420	6420	5802	5723	6005
17 Investor-Owned Utility	19482	19482	16487	15956	17775	19558	19999	18565	17018	15746	15746	15113	18467	20137
18 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
20 Total Loads	33469	33469	29690	30163	33610	36768	37312	34964	32370	30396	30396	28568	31966	34394

Table A-1: Regional: Total Retail Loads
Operating Year 2025
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads														
1 Federal Agency	179	179	176	200	223	245	249	239	230	215	215	197	185	187
2 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
3 Cooperative	2997	2997	2770	2783	3143	3533	3493	3302	2998	2931	2931	2851	2912	3098
4 Municipality	3511	3511	3317	3832	4363	4632	4713	4475	4123	3850	3850	3265	3300	3550
5 Public Utility District	5955	5955	5665	6231	7111	7732	7850	7351	6806	6414	6414	5830	5757	6039
6 Investor-Owned Utility	19795	19795	16717	16170	18008	19815	20262	18808	17240	15953	15953	15319	18751	20454
7 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
9 Total Firm Loads	33869	33869	29990	30450	33922	37108	37654	35293	32614	30642	30642	28839	32320	34784
Non-Firm Loads														
10 Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11 Total Non-Firm Loads	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
Total Regional Loads (Firm+Non-Firm)														
12 Federal Agency	179	179	176	200	223	245	249	239	230	215	215	197	185	187
13 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
14 Cooperative	2997	2997	2770	2783	3143	3533	3493	3302	2998	2931	2931	2851	2912	3098
15 Municipality	3511	3511	3317	3832	4363	4632	4713	4475	4123	3850	3850	3265	3300	3550
16 Public Utility District	5955	5955	5679	6231	7111	7732	7854	7374	6860	6448	6448	5830	5757	6039
17 Investor-Owned Utility	19795	19795	16717	16170	18008	19815	20262	18808	17240	15953	15953	15319	18751	20454
18 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
20 Total Loads	33869	33869	30004	30450	33922	37108	37658	35316	32668	30676	30676	28839	32320	34784

Table A-1: Regional: Total Retail Loads
Operating Year 2026
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Loads														
1 Federal Agency	180	180	176	200	224	246	250	239	231	216	216	198	185	188
2 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
3 Cooperative	3017	3017	2789	2803	3165	3556	3516	3321	3019	2951	2951	2871	2931	3119
4 Municipality	3528	3528	3333	3856	4388	4657	4739	4500	4147	3874	3874	3281	3317	3568
5 Public Utility District	5989	5989	5693	6256	7139	7762	7879	7379	6832	6439	6439	5854	5790	6073
6 Investor-Owned Utility	20105	20105	16950	16388	18250	20074	20535	19056	17475	16170	16170	15535	19043	20781
7 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
8 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
9 Total Firm Loads	34252	34252	30287	30738	34239	37446	38007	35614	32921	30929	30929	29115	32682	35184
Non-Firm Loads														
10 Public Utility District	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
11 Total Non-Firm Loads	0	0	14.0	0	0	0	4.00	23.0	54.0	34.0	34.0	0	0	0
Total Regional Loads (Firm+Non-Firm)														
12 Federal Agency	180	180	176	200	224	246	250	239	231	216	216	198	185	188
13 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
14 Cooperative	3017	3017	2789	2803	3165	3556	3516	3321	3019	2951	2951	2871	2931	3119
15 Municipality	3528	3528	3333	3856	4388	4657	4739	4500	4147	3874	3874	3281	3317	3568
16 Public Utility District	5989	5989	5707	6256	7139	7762	7883	7402	6886	6473	6473	5854	5790	6073
17 Investor-Owned Utility	20105	20105	16950	16388	18250	20074	20535	19056	17475	16170	16170	15535	19043	20781
18 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
19 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
20 Total Loads	34252	34252	30301	30738	34239	37446	38011	35637	32975	30963	30963	29115	32682	35184

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Exhibit 2
Table A-2: Regional Exports

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-2: Regional Exports
Operating Year 2017
2015 White Book Report Date: 6/30/2015
S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BPA-P to BCHP Trty CEA	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307
2 BPA-P to BCHP NTSA Del	138	138	0	0	0	0	0	0	0	0	0	0	0	24.0
3 Total Exports to CAN	1445	1445	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1331
East Continental Divide														
Contracts														
4 AVWP to PPLM PwrS LTFirm	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
5 BPA-P to Other Entities	15.4	15.4	10.7	10.1	11.6	12.9	13.6	12.9	12.3	10.8	10.8	9.78	11.9	0
6 Total Exports to ECD	22.2	22.2	17.5	16.9	18.4	19.7	20.4	19.7	19.1	17.6	17.6	16.6	18.7	6.80
Inland Southwest														
Contracts														
7 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer Services														
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														
Contracts														
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	106	106	80.0	60.0	48.0	40.0	38.0	38.0	62.0	82.0	82.0	82.0	100.0	100.0
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 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
16 PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
17 SCL to NCPA SNX Del	60.0	60.0	60.0	29.0	0	0	0	0	0	0	0	0	60.0	60.0
Transfer Services														
18 BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 SMUD to SMUD TS PwrP	74.8	74.8	74.8	74.8	74.8	72.2	72.2	72.2	74.8	74.8	74.8	74.8	74.8	74.8
26 TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
27 Intertie Losses	18	18	17	7	5	5	5	5	6	6	7	5	18	18
28 Total Exports to PSW	625	625	598	236	186	175	173	173	201	221	229	170	619	619
Total Exports														
29 Federal Entities	1569	1569	1400	1379	1368	1361	1360	1359	1383	1402	1402	1401	1422	1434
30 Investor Owned Utilities	307	307	307	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	307	307
31 Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
32 Municipality	193	193	193	162	133	130	130	130	133	133	133	74.8	193	193
33 Total Exports	2077	2077	1907	1555	1508	1498	1497	1496	1523	1542	1550	1491	1929	1941

Table A-2: Regional Exports
Operating Year 2018
2015 White Book Report Date: 6/30/2015
S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2 BPA-P to BCHP NTSA Del	137	137	0	0	0	0	0	0	0	0	0	0	0	24.0
3 Total Exports to CAN	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
East Continental Divide														
Contracts														
4 AVWP to PPLM PwrS LTFirm	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
5 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Exports to ECD	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
Inland Southwest														
Contracts														
7 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer Services														
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														
Contracts														
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	106	106	85.0	60.0	48.0	40.0	38.0	38.0	62.0	82.0	82.0	82.0	100.0	98.0
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 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
16 PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
17 SCL to NCPA SNX Del	60.0	60.0	60.0	29.0	0	0	0	0	0	0	0	0	0	0
Transfer Services														
18 BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 SMUD to SMUD TS PwrP	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
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	18	18	17	6	5	5	5	5	5	6	6	4	16	16
28 Total Exports to PSW	604	604	583	216	166	158	156	156	180	201	209	149	536	534
Total Exports														
29 Federal Entities	1571	1571	1412	1386	1374	1366	1363	1363	1388	1409	1409	1409	1427	1449
30 Investor Owned Utilities	307	307	307	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	307	307
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	173	173	173	142	113	113	113	113	113	113	113	55.0	113	113
33 Total Exports	2058	2058	1900	1543	1494	1485	1483	1483	1508	1529	1536	1478	1855	1877

Table A-2: Regional Exports
Operating Year 2019
2015 White Book Report Date: 6/30/2015
S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2 BPA-P to BCHP NTSA Del	137	137	0	0	0	0	0	0	0	0	0	0	0	24.0
3 Total Exports to CAN	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
East Continental Divide														
Contracts														
4 AVWP to PPLM PwrS LTFirm	6.80	6.80	6.80	6.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Exports to ECD	6.80	6.80	6.80	6.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Inland Southwest														
Transfer Services														
7 UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Exports to ISW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Southwest														
Contracts														
9 BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 BPA-P to Other Entities	106	106	90.0	60.0	48.0	40.0	38.0	38.0	13.0	0	0	0	0	0
12 BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15 PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
Transfer Services														
16 BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SMUD to SMUD TS PwrP	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
24 TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
25 Intertie Losses	16	16	15	5	5	5	5	5	4	3	4	1.9	13	13
26 Total Exports to PSW	543	543	526	186	166	158	156	156	130	116	124	64.7	433	433
Total Exports														
27 Federal Entities	1571	1571	1417	1386	1374	1366	1363	1363	1338	1324	1324	1324	1324	1348
28 Investor Owned Utilities	307	307	307	6.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	301	301
29 Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
30 Municipality	113	113	113	113	113	113	113	113	113	113	113	55.0	113	113
31 Total Exports	1998	1998	1845	1514	1488	1480	1477	1477	1452	1438	1446	1388	1746	1770

Table A-2: Regional Exports
Operating Year 2020
2015 White Book Report Date: 6/30/2015
S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2 BPA-P to BCHP NTSA Del	137	137	0	0	0	0	0	0	0	0	0	0	0	24.0
3 Total Exports to CAN	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
East Continental Divide														
Contracts														
4 AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Exports to ECD	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Inland Southwest														
Transfer Services														
7 UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Exports to ISW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Southwest														
Contracts														
9 BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15 PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
Transfer Services														
16 BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SMUD to SMUD TS PwrP	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
24 TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
25 Intertie Losses	13	13	13	4	3	3	3	3	3	3	4	1.9	13	13
26 Total Exports to PSW	433	433	433	124	116	116	116	116	116	116	124	64.7	433	433
Total Exports														
27 Federal Entities	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
28 Investor Owned Utilities	301	301	301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	301	301
29 Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
30 Municipality	113	113	113	113	113	113	113	113	113	113	113	55.0	113	113
31 Total Exports	1883	1883	1746	1446	1438	1438	1438	1438	1438	1438	1446	1388	1746	1770

Table A-2: Regional Exports
Operating Year 2021
2015 White Book Report Date: 6/30/2015
S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2 BPA-P to BCHP NTSA Del	137	137	0	0	0	0	0	0	0	0	0	0	0	24.0
3 Total Exports to CAN	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
East Continental Divide														
Contracts														
4 AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Exports to ECD	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Inland Southwest														
Transfer Services														
7 UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Exports to ISW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Southwest														
Contracts														
9 BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15 PSE to PG&E SNX Del	300	300	300	0	0	0	0	0	0	0	0	0	300	300
Transfer Services														
16 BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SMUD to SMUD TS PwrP	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
24 TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
25 Intertie Losses	13	13	13	4	3	3	3	3	3	3	4	1.9	13	13
26 Total Exports to PSW	433	433	433	124	116	116	116	116	116	116	124	64.7	433	433
Total Exports														
27 Federal Entities	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
28 Investor Owned Utilities	301	301	301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	301	301
29 Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
30 Municipality	113	113	113	113	113	113	113	113	113	113	113	55.0	113	113
31 Total Exports	1883	1883	1746	1446	1438	1438	1438	1438	1438	1438	1446	1388	1746	1770

Table A-2: Regional Exports
Operating Year 2022
2015 White Book Report Date: 6/30/2015
S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2 BPA-P to BCHP NTSA Del	137	137	0	0	0	0	0	0	0	0	0	0	0	24.0
3 Total Exports to CAN	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
East Continental Divide														
Contracts														
4 AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Exports to ECD	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Inland Southwest														
Transfer Services														
7 UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Exports to ISW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Southwest														
Contracts														
9 BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15 PSE to PG&E SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer Services														
16 BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
24 Intertie Losses	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	2.0	0.23	2.0	2.0
25 Total Exports to PSW	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
Total Exports														
26 Federal Entities	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
27 Investor Owned Utilities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28 Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
29 Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
30 Total Exports	1528	1528	1391	1391	1383	1383	1383	1383	1383	1383	1391	1333	1391	1415

Table A-2: Regional Exports

Operating Year 2023

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2 BPA-P to BCHP NTSA Del	137	137	0	0	0	0	0	0	0	0	0	0	0	24.0
3 Total Exports to CAN	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
East Continental Divide														
Contracts														
4 AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Exports to ECD	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Inland Southwest														
Transfer Services														
7 UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Exports to ISW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Southwest														
Contracts														
9 BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15 PSE to PG&E SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer Services														
16 BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
24 Intertie Losses	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	2.0	0.23	2.0	2.0
25 Total Exports to PSW	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
Total Exports														
26 Federal Entities	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
27 Investor Owned Utilities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28 Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
29 Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
30 Total Exports	1528	1528	1391	1391	1383	1383	1383	1383	1383	1383	1391	1333	1391	1415

Table A-2: Regional Exports

Operating Year 2024

2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2 BPA-P to BCHP NTSA Del	137	137	0	0	0	0	0	0	0	0	0	0	0	24.0
3 Total Exports to CAN	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
East Continental Divide														
Contracts														
4 AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Exports to ECD	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Inland Southwest														
Transfer Services														
7 UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Exports to ISW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Southwest														
Contracts														
9 BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15 PSE to PG&E SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer Services														
16 BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
24 Intertie Losses	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	2.0	0.23	2.0	2.0
25 Total Exports to PSW	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
Total Exports														
26 Federal Entities	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
27 Investor Owned Utilities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28 Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
29 Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
30 Total Exports	1528	1528	1391	1391	1383	1383	1383	1383	1383	1383	1391	1333	1391	1415

Table A-2: Regional Exports

Operating Year 2025

2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2 BPA-P to BCHP NTSA Del	137	137	0	0	0	0	0	0	0	0	0	0	0	24.0
3 Total Exports to CAN	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
East Continental Divide														
Contracts														
4 AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Exports to ECD	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Inland Southwest														
Transfer Services														
7 UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Exports to ISW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Southwest														
Contracts														
9 BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15 PSE to PG&E SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer Services														
16 BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
24 Intertie Losses	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	2.0	0.23	2.0	2.0
25 Total Exports to PSW	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
Total Exports														
26 Federal Entities	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
27 Investor Owned Utilities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28 Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
29 Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
30 Total Exports	1528	1528	1391	1391	1383	1383	1383	1383	1383	1383	1391	1333	1391	1415

Table A-2: Regional Exports
Operating Year 2026
2015 White Book Report Date: 6/30/2015
S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BPA-P to BCHP Trty CEA	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324
2 BPA-P to BCHP NTSA Del	137	137	0	0	0	0	0	0	0	0	0	0	0	24.0
3 Total Exports to CAN	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
East Continental Divide														
Contracts														
4 AVWP to PPLM PwrS LTFirm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Exports to ECD	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Inland Southwest														
Transfer Services														
7 UAMP to UAMP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Exports to ISW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Southwest														
Contracts														
9 BPA-P to PASA CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BPA-P to PASA SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 BPA-P to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 BPA-P to RVSD CNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA-P to RVSD SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 MCQC to BURB PwrS LTFirm	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
15 PSE to PG&E SNX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer Services														
16 BURB to BURB TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 GLEN to GLEN TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LDWP to LDWP TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 MID to MID TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Other Entities to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PG&E to PG&E TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE to SCE TS PwrP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TID to TID TS PwrP	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
24 Intertie Losses	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	2.0	0.23	2.0	2.0
25 Total Exports to PSW	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
Total Exports														
26 Federal Entities	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
27 Investor Owned Utilities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28 Marketer	7.81	7.81	7.81	7.81	0	0	0	0	0	0	7.81	7.81	7.81	7.81
29 Municipality	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	0	58.0	58.0
30 Total Exports	1528	1528	1391	1391	1383	1383	1383	1383	1383	1383	1391	1333	1391	1415

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Exhibit 3
Table A-3: Regional Imports

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-3: Regional: Imports
Operating Year 2017
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2 BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4 Total Imports From CAN	146	146	146	147	102	124	155	188	213	147	147	147	146	146
Inland Southwest														
Transfer Services														
5 RMP to RMP TS PwrP	739	739	624	565	563	643	587	586	562	533	533	574	808	884
6 Total Imports From ISW	739	739	624	565	563	643	587	586	562	533	533	574	808	884
Pacific Southwest														
Contracts														
7 PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Entities to Other Entities	75.0	75.0	75.0	125	125	125	125	125	125	75.0	75.0	75.0	75.0	75.0
14 PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
15 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
16 Total Imports From PSW	75.0	75.0	75.0	125	450	471	471	471	171	87.0	87.0	75.0	75.0	75.0
Total Imports														
17 Federal Entities	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
18 Investor Owned Utilities	742	742	627	568	867	947	892	890	566	537	537	577	811	887
19 Municipality	143	143	143	143	122	164	195	228	254	155	155	143	143	143
20 Total Imports	960	960	845	837	1115	1238	1213	1245	946	767	767	796	1029	1105

Table A-3: Regional: Imports

Operating Year 2018

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2 BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4 Total Imports From CAN	146	146	146	147	102	124	155	188	213	147	147	147	146	146
Inland Southwest														
Transfer Services														
5 RMP to RMP TS PwrP	747	747	628	569	566	647	590	589	565	536	536	578	817	893
6 Total Imports From ISW	747	747	628	569	566	647	590	589	565	536	536	578	817	893
Pacific Southwest														
Contracts														
7 PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Entities to Other Entities	75.0	75.0	75.0	125	125	125	125	125	125	75.0	75.0	75.0	75.0	75.0
14 PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
15 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
16 Total Imports From PSW	75.0	75.0	75.0	125	450	471	471	471	171	87.0	87.0	75.0	75.0	75.0
Total Imports														
17 Federal Entities	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
18 Investor Owned Utilities	750	750	631	572	870	951	895	893	569	540	540	581	820	896
19 Municipality	143	143	143	143	122	164	195	228	254	155	155	143	143	143
20 Total Imports	968	968	849	841	1118	1242	1216	1248	949	770	770	800	1038	1114

Table A-3: Regional: Imports

Operating Year 2019

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2 BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4 Total Imports From CAN	146	146	146	147	102	124	155	188	213	147	147	147	146	146
Inland Southwest														
Transfer Services														
5 RMP to RMP TS PwrP	755	755	632	573	569	650	594	593	569	540	540	582	826	903
6 Total Imports From ISW	755	755	632	573	569	650	594	593	569	540	540	582	826	903
Pacific Southwest														
Contracts														
7 PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Entities to Other Entities	75.0	75.0	75.0	125	125	125	125	125	125	75.0	75.0	75.0	75.0	75.0
14 PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
15 Total Imports From PSW	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	75.0
Total Imports														
16 Federal Entities	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
17 Investor Owned Utilities	758	758	635	576	873	954	899	897	573	544	544	585	829	906
18 Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
19 Total Imports	976	976	853	845	1096	1199	1174	1206	907	762	762	804	1047	1124

Table A-3: Regional: Imports
Operating Year 2020
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2 BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4 Total Imports From CAN	146	146	146	147	102	124	155	188	213	147	147	147	146	146
Inland Southwest														
Transfer Services														
5 RMP to RMP TS PwrP	763	763	636	576	572	653	597	596	572	543	543	585	835	913
6 Total Imports From ISW	763	763	636	576	572	653	597	596	572	543	543	585	835	913
Pacific Southwest														
Contracts														
7 PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Entities to Other Entities	75.0	75.0	75.0	125	125	125	125	125	125	75.0	75.0	75.0	75.0	75.0
14 PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
15 Total Imports From PSW	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	75.0
Total Imports														
16 Federal Entities	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
17 Investor Owned Utilities	766	766	639	579	876	957	902	900	576	547	547	588	838	916
18 Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
19 Total Imports	984	984	857	848	1099	1202	1177	1209	910	765	765	807	1056	1134

Table A-3: Regional: Imports

Operating Year 2021

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

120Hr-MW

Aug1 Aug1₆ Sep Oct Nov Dec Jan Feb Mar Apr1 Apr16 May Jun Jul

Canada

Contracts

1 BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2 BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4 Total Imports From CAN	146	146	146	147	102	124	155	188	213	147	147	147	146	146

Inland Southwest

Transfer Services

5 RMP to RMP TS PwrP	771	771	640	580	575	657	600	599	576	547	547	589	843	922
6 Total Imports From ISW	771	771	640	580	575	657	600	599	576	547	547	589	843	922

Pacific Southwest

Contracts

7 PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Entities to Other Entities	75.0	75.0	75.0	125	125	125	125	125	125	75.0	75.0	75.0	75.0	0
14 PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
15 Total Imports From PSW	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	0

Total Imports

16 Federal Entities	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	1.00
17 Investor Owned Utilities	774	774	643	583	879	961	905	903	580	551	551	592	846	925
18 Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
19 Total Imports	992	992	861	852	1102	1206	1180	1212	914	769	769	811	1064	1068

Table A-3: Regional: Imports
Operating Year 2022
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2 BCHP to BPA-P Trty LcALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4 Total Imports From CAN	146	146	146	147	102	124	155	188	213	147	147	147	146	146
Inland Southwest														
Transfer Services														
5 RMP to RMP TS PwrP	779	779	644	584	578	661	604	603	580	550	550	593	852	932
6 Total Imports From ISW	779	779	644	584	578	661	604	603	580	550	550	593	852	932
Pacific Southwest														
Contracts														
7 PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
14 Total Imports From PSW	0	0	0	0	300	300	300	300	0	0	0	0	0	0
Total Imports														
15 Federal Entities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
16 Investor Owned Utilities	782	782	647	587	882	965	909	907	584	554	554	596	855	935
17 Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
18 Total Imports	925	925	790	731	980	1085	1059	1091	793	697	697	740	998	1078

Table A-3: Regional: Imports
Operating Year 2023
2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2 BCHP to BPA-P Trty LcALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4 Total Imports From CAN	146	146	146	147	102	124	155	188	213	147	147	147	146	146
Inland Southwest														
Transfer Services														
5 RMP to RMP TS PwrP	788	788	648	588	581	665	607	606	583	554	554	597	861	942
6 Total Imports From ISW	788	788	648	588	581	665	607	606	583	554	554	597	861	942
Pacific Southwest														
Contracts														
7 PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
14 Total Imports From PSW	0	0	0	0	300	300	300	300	0	0	0	0	0	0
Total Imports														
15 Federal Entities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
16 Investor Owned Utilities	791	791	651	591	885	969	912	910	587	558	558	600	864	945
17 Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
18 Total Imports	934	934	794	735	983	1089	1062	1094	796	701	701	744	1007	1088

Table A-3: Regional: Imports
Operating Year 2024
2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2 BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4 Total Imports From CAN	146	146	146	147	102	124	155	188	213	147	147	147	146	146
Inland Southwest														
Transfer Services														
5 RMP to RMP TS PwrP	796	796	653	592	584	669	610	610	587	558	558	601	870	951
6 Total Imports From ISW	796	796	653	592	584	669	610	610	587	558	558	601	870	951
Pacific Southwest														
Contracts														
7 PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
14 Total Imports From PSW	0	0	0	0	300	300	300	300	0	0	0	0	0	0
Total Imports														
15 Federal Entities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
16 Investor Owned Utilities	799	799	656	595	888	973	915	914	591	562	562	604	873	954
17 Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
18 Total Imports	942	942	799	739	986	1093	1065	1098	800	705	705	748	1016	1097

Table A-3: Regional: Imports
Operating Year 2025
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2 BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4 Total Imports From CAN	146	146	146	147	102	124	155	188	213	147	147	147	146	146
Inland Southwest														
Transfer Services														
5 RMP to RMP TS PwrP	804	804	657	595	588	673	613	613	591	561	561	604	879	961
6 Total Imports From ISW	804	804	657	595	588	673	613	613	591	561	561	604	879	961
Pacific Southwest														
Contracts														
7 PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
14 Total Imports From PSW	0	0	0	0	300	300	300	300	0	0	0	0	0	0
Total Imports														
15 Federal Entities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
16 Investor Owned Utilities	807	807	660	598	892	977	918	917	595	565	565	607	882	964
17 Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
18 Total Imports	950	950	803	742	990	1097	1068	1101	804	708	708	751	1025	1107

Table A-3: Regional: Imports
Operating Year 2026
2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Canada														
Contracts														
1 BCHP to SCL PwrS LTFirm	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
2 BCHP to BPA-P Trty LCALgcyRtn	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 Other Entities to PSE	2.83	2.83	2.79	3.48	4.25	4.43	4.95	4.32	4.02	3.70	3.70	3.15	2.60	2.69
4 Total Imports From CAN	146	146	146	147	102	124	155	188	213	147	147	147	146	146
Inland Southwest														
Transfer Services														
5 RMP to RMP TS PwrP	812	812	662	599	591	676	616	616	595	565	565	608	889	971
6 Total Imports From ISW	812	812	662	599	591	676	616	616	595	565	565	608	889	971
Pacific Southwest														
Contracts														
7 PASA to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD to BPA-P CNX EER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD to BPA-P CNX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD to BPA-P SNX Ret	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PG&E to PSE SNX Ret	0	0	0	0	300	300	300	300	0	0	0	0	0	0
14 Total Imports From PSW	0	0	0	0	300	300	300	300	0	0	0	0	0	0
Total Imports														
15 Federal Entities	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
16 Investor Owned Utilities	815	815	665	602	895	980	921	920	599	569	569	611	892	974
17 Municipality	143	143	143	143	97.2	118	149	182	208	143	143	143	143	143
18 Total Imports	958	958	808	746	993	1100	1071	1104	808	712	712	755	1035	1117

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

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2017

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Intra-Regional Transfers														
Contracts	645	645	749	654	942	938	793	785	648	656	656	385	544	398
1 AVWP to BPA-P Setl WNP3 Rtn	0	0	140	140	140	140	140	140	140	140	140	0	140	0
2 AVWP to PGE CapX Del	150	150	150	150	150	150	0	0	0	0	0	0	0	0
3 BPA-P to AVWP Setl WNP3 Del	0	0	0	0	140	140	140	140	70.0	70.0	70.0	0	0	0
4 BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5 BPA-P to PPL NSP RIn	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
6 BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9 BPA-P to PSE Setl WNP3 Del	0	0	0	0	140	140	140	140	70.0	70.0	70.0	0	0	0
10 CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11 DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 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
14 JPMV to BPA-P PwrP T2	51.0	51.0	51.0	0	0	0	0	0	0	0	0	0	0	0
15 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
16 Other Entities to BPA-P	56.3	56.3	35.1	88.0	85.0	80.1	85.1	77.6	95.2	104	104	100	113	105
17 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
18 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
19 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
20 Other Entities to PGE	100.0	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0
21 PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 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
23 PPL to BPA-P NSP SOut	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
24 PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 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
28 SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
29 Total Intra-Regional Transfers	645	645	749	654	942	938	793	785	648	656	656	385	544	398
Intra-Regional Contracts Out														
30 Federal Entities	26.2	26.2	26.2	26.2	313	313	313	313	166	166	166	26.2	26.2	26.2
31 Investor Owned Utilities	330	330	448	342	335	331	186	178	196	208	208	64.9	218	70.4
32 Marketer	196	196	196	207	215	215	215	215	207	203	203	203	203	203
33 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
34 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
35 Total Regional Contracts Out	645	645	749	654	942	938	793	785	648	656	656	385	544	398
Intra-Regional Contracts In														
36 Federal Entities	145	145	264	265	259	254	259	251	269	281	281	138	290	142
37 Investor Owned Utilities	401	401	387	286	573	573	423	423	276	276	276	148	155	156
38 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
39 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
40 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
41 Total Regional Contracts In	645	645	749	654	942	938	793	785	648	656	656	385	544	398

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2018

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Intra-Regional Transfers														
Contracts	395	395	499	516	640	636	641	633	574	586	586	385	544	398
1 AVWP to BPA-P Setl WNP3 Rtn	0	0	140	140	140	140	140	140	140	140	140	0	140	0
2 AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA-P to AVWP Setl WNP3 Del	0	0	0	0	140	140	140	140	70.0	70.0	70.0	0	0	0
4 BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5 BPA-P to PPL NSP RIn	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
6 BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9 BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11 DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 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
14 JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 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
16 Other Entities to BPA-P	114	114	93.1	111	92.0	87.1	92.1	84.6	102	111	111	107	120	112
17 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
18 Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 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
20 Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 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
23 PPL to BPA-P NSP SOut	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
24 PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 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
28 SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
29 Total Intra-Regional Transfers	395	395	499	516	640	636	641	633	574	586	586	385	544	398
Intra-Regional Contracts Out														
30 Federal Entities	26.2	26.2	26.2	26.2	173	173	173	173	96.2	96.2	96.2	26.2	26.2	26.2
31 Investor Owned Utilities	79.9	79.9	198	192	185	181	186	178	196	208	208	64.9	218	70.4
32 Marketer	196	196	196	219	203	203	203	203	203	203	203	203	203	203
33 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
34 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
35 Total Regional Contracts Out	395	395	499	516	640	636	641	633	574	586	586	385	544	398
Intra-Regional Contracts In														
36 Federal Entities	152	152	271	288	266	261	266	258	276	288	288	145	297	149
37 Investor Owned Utilities	151	151	137	136	283	283	283	283	206	206	206	148	155	156
38 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
39 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
40 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
41 Total Regional Contracts In	395	395	499	516	640	636	641	633	574	586	586	385	544	398

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2019

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW

Aug1 Aug16 Sep Oct Nov Dec Jan Feb Mar Apr1 Apr16 May Jun Jul

Intra-Regional Transfers

Contracts	402	402	366	364	504	500	505	497	410	413	413	355	363	364
1 AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA-P to AVWP Setl WNP3 Del	0	0	0	0	140	140	140	140	70.0	70.0	70.0	0	0	0
4 BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5 BPA-P to PPL NSP RIn	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
6 BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9 BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11 DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 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
14 JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 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
16 Other Entities to BPA-P	121	121	100	99.0	96.0	91.1	96.1	88.6	78.0	78.0	78.0	78.0	78.0	78.0
17 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
18 Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 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
20 Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 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
23 PPL to BPA-P NSP SOut	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
24 PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 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
28 SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
29 Total Intra-Regional Transfers	402	402	366	364	504	500	505	497	410	413	413	355	363	364

Intra-Regional Contracts Out

30 Federal Entities	26.2	26.2	26.2	26.2	173	173	173	173	96.2	96.2	96.2	26.2	26.2	26.2
31 Investor Owned Utilities	79.9	79.9	57.8	52.2	45.4	40.6	45.7	38.3	27.6	31.1	31.1	31.6	32.0	32.6
32 Marketer	203	203	203	207	207	207	207	207	207	207	207	207	207	207
33 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
34 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
35 Total Regional Contracts Out	402	402	366	364	504	500	505	497	410	413	413	355	363	364

Intra-Regional Contracts In

36 Federal Entities	159	159	138	136	130	125	130	122	112	115	115	115	115	115
37 Investor Owned Utilities	151	151	137	136	283	283	283	283	206	206	206	148	155	156
38 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
39 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
40 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
41 Total Regional Contracts In	402	402	366	364	504	500	505	497	410	413	413	355	363	364

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2020

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW

Aug1 Aug16 Sep Oct Nov Dec Jan Feb Mar Apr1 Apr16 May Jun Jul

Intra-Regional Transfers

Contracts	359	359	344	265	268	268	269	269	262	265	265	277	285	286
1 AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5 BPA-P to PPL NSP RIn	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
6 BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9 BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11 DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 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
14 JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 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
16 Other Entities to BPA-P	78.0	78.0	78.0	0	0	0	0	0	0	0	0	0	0	0
17 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
18 Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 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
20 Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 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
23 PPL to BPA-P NSP SOut	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
24 PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 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
28 SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
29 Total Intra-Regional Transfers	359	359	344	265	268	268	269	269	262	265	265	277	285	286

Intra-Regional Contracts Out

30 Federal Entities	26.2	26.2	26.2	26.2	33.2	33.2	33.2	33.2	26.2	26.2	26.2	26.2	26.2	26.2
31 Investor Owned Utilities	32.6	32.6	31.7	31.3	27.4	27.5	27.7	27.7	27.6	31.1	31.1	31.6	32.0	32.6
32 Marketer	207	207	207	129	129	129	129	129	129	129	129	129	129	129
33 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
34 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
35 Total Regional Contracts Out	359	359	344	265	268	268	269	269	262	265	265	277	285	286

Intra-Regional Contracts In

36 Federal Entities	115	115	115	37.4	33.7	33.7	33.7	33.7	33.7	37.4	37.4	37.4	37.4	37.4
37 Investor Owned Utilities	151	151	137	136	143	143	143	143	136	136	136	148	155	156
38 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
39 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
40 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
41 Total Regional Contracts In	359	359	344	265	268	268	269	269	262	265	265	277	285	286

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2021

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Intra-Regional Transfers														
Contracts	281	281	266	248	235	235	235	235	228	231	231	244	251	253
1 AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5 BPA-P to PPL NSP RIn	16.8	16.8	16.8	16.8	0	0	0	0	0	0	0	0	0	0
6 BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9 BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11 DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 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
14 JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 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
16 Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 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
18 Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 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
20 Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 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
23 PPL to BPA-P NSP SOut	16.8	16.8	16.8	0	0	0	0	0	0	0	0	0	0	0
24 PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 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
28 SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
29 Total Intra-Regional Transfers	281	281	266	248	235	235	235	235	228	231	231	244	251	253
Intra-Regional Contracts Out														
30 Federal Entities	26.2	26.2	26.2	26.2	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
31 Investor Owned Utilities	32.6	32.6	31.7	14.5	10.6	10.7	10.9	10.9	10.8	14.3	14.3	14.8	15.2	15.8
32 Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
33 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
34 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
35 Total Regional Contracts Out	281	281	266	248	235	235	235	235	228	231	231	244	251	253
Intra-Regional Contracts In														
36 Federal Entities	37.4	37.4	37.4	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
37 Investor Owned Utilities	151	151	137	136	127	127	127	127	120	120	120	131	138	139
38 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
39 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
40 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
41 Total Regional Contracts In	281	281	266	248	235	235	235	235	228	231	231	244	251	253

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2022

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW

Aug1 Aug16 Sep Oct Nov Dec Jan Feb Mar Apr1 Apr16 May Jun Jul

Intra-Regional Transfers

Contracts	248	248	232	232	235	235	235	235	228	231	231	244	251	253
1 AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5 BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9 BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11 DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 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
14 JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 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
16 Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 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
18 Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 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
20 Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 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
23 PPL to BPA-P NSP SOut	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 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
28 SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
29 Total Intra-Regional Transfers	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Intra-Regional Contracts Out

30 Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
31 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
32 Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
33 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
34 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
35 Total Regional Contracts Out	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Intra-Regional Contracts In

36 Federal Entities	20.6	20.6	20.6	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
37 Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
38 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
39 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
40 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
41 Total Regional Contracts In	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2023

2015 White Book Report Date: 6/30/2015

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Aug1 Aug16 Sep Oct Nov Dec Jan Feb Mar Apr1 Apr16 May Jun Jul

Intra-Regional Transfers

Contracts	248	248	232	232	235	235	235	235	228	231	231	244	251	253
1 AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5 BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9 BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11 DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 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
14 JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 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
16 Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 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
18 Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 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
20 Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 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
23 PPL to BPA-P NSP SOut	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 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
28 SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
29 Total Intra-Regional Transfers	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Intra-Regional Contracts Out

30 Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
31 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
32 Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
33 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
34 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
35 Total Regional Contracts Out	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Intra-Regional Contracts In

36 Federal Entities	20.6	20.6	20.6	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
37 Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
38 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
39 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
40 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
41 Total Regional Contracts In	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2024

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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Aug1 Aug16 Sep Oct Nov Dec Jan Feb Mar Apr1 Apr16 May Jun Jul

Intra-Regional Transfers

Contracts	248	248	232	232	235	235	235	235	228	231	231	244	251	253
1 AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5 BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9 BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11 DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 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
14 JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 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
16 Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 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
18 Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 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
20 Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 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
23 PPL to BPA-P NSP SOut	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 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
28 SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
29 Total Intra-Regional Transfers	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Intra-Regional Contracts Out

30 Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
31 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
32 Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
33 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
34 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
35 Total Regional Contracts Out	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Intra-Regional Contracts In

36 Federal Entities	20.6	20.6	20.6	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
37 Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
38 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
39 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
40 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
41 Total Regional Contracts In	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2025

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW

Aug1 Aug16 Sep Oct Nov Dec Jan Feb Mar Apr1 Apr16 May Jun Jul

Intra-Regional Transfers

Contracts	248	248	232	232	235	235	235	235	228	231	231	244	251	253
1 AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5 BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9 BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11 DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 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
14 JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 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
16 Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 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
18 Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 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
20 Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 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
23 PPL to BPA-P NSP SOut	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 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
28 SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
29 Total Intra-Regional Transfers	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Intra-Regional Contracts Out

30 Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
31 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
32 Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
33 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
34 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
35 Total Regional Contracts Out	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Intra-Regional Contracts In

36 Federal Entities	20.6	20.6	20.6	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
37 Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
38 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
39 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
40 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
41 Total Regional Contracts In	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Table A-4: Regional: Intra-Regional Transfers

Operating Year 2026

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW

Aug1 Aug16 Sep Oct Nov Dec Jan Feb Mar Apr1 Apr16 May Jun Jul

Intra-Regional Transfers

Contracts	248	248	232	232	235	235	235	235	228	231	231	244	251	253
1 AVWP to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP to PGE CapX Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA-P to AVWP Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA-P to BPA-T Ops IntrlAgmt	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44
5 BPA-P to PPL NSP RIn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA-P to PPL SNX SprgDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA-P to PPL SNX SumrDel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA-P to PSE Ops UBkr Repl	0	0	0	0	7.00	7.00	7.00	7.00	0	0	0	0	0	0
9 BPA-P to PSE Setl WNP3 Del	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CIDF to RMP PwrS LTFirm	14.6	14.6	0.25	0	0	0	0	0	0	0	0	11.9	18.5	19.8
11 DOPD to Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 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
14 JPMV to BPA-P PwrP T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 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
16 Other Entities to BPA-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 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
18 Other Entities to DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 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
20 Other Entities to PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE to AVWP CapX Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 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
23 PPL to BPA-P NSP SOut	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PPL to BPA-P SNX SprgRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL to BPA-P SNX SumrRtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE to BPA-P Setl WNP3 Rtn	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 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
28 SPN to PGE PwrS LTFirm	104	104	104	104	104	104	104	104	104	104	104	104	104	104
29 Total Intra-Regional Transfers	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Intra-Regional Contracts Out

30 Federal Entities	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
31 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
32 Marketer	129	129	129	129	129	129	129	129	129	129	129	129	129	129
33 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
34 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
35 Total Regional Contracts Out	248	248	232	232	235	235	235	235	228	231	231	244	251	253

Intra-Regional Contracts In

36 Federal Entities	20.6	20.6	20.6	20.6	16.9	16.9	16.9	16.9	16.9	20.6	20.6	20.6	20.6	20.6
37 Investor Owned Utilities	134	134	120	120	127	127	127	127	120	120	120	131	138	139
38 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
39 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
40 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
41 Total Regional Contracts In	248	248	232	232	235	235	235	235	228	231	231	244	251	253

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Exhibit 5
Table A-9: Regional Small Hydro

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-9: Regional: Small Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

120Hr-MW	S129-WB-20151029-154000													
	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60 Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61 Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62 Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63 Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64 Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65 Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66 Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67 Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68 Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69 Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70 Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71 Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72 Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73 Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74 Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75 James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76 James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77 Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78 John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79 Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	3.37	3.37	3.37	3.37	3.37	3.37
80 Kasel-Witherspoon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81 Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82 Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83 Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84 L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85 Lacombe	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86 Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87 Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88 Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89 Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90 Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91 Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92 Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93 Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94 Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95 Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96 Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97 Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98 Loyd F. Fery Farms	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04
99 LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100 Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101 Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102 Maqic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103 Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6	
104 Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105 Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106 Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107 Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108 Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0.62	0.62	0.62	1.20	1.29	1.36
109 Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110 Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112 Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113 Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114 Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115 Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116 Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117 N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118 Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119 Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120 North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121 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
122 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
123 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
124 Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
125 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
126 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
127 Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
128 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
129 Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 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
131 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
132 Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
133 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
134 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
135 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
136 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
137 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
138 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
139 Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
140 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
141 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
142 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
143 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
144 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
145 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
146 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
147 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
148 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
149 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
150 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
151 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
152 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
153 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
154 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
155 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
156 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
157 Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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
160 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
161 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
162 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
163 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
164 Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165 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
166 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
167 Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
168 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
169 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
170 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
171 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
172 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
173 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
174 Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
175 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
176 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

Table A-9: Regional: Small Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177 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
178 Whitefish	0.13	0.13	0.16	0.12	0.09	0.09	0.09	0.07	0.08	0.09	0.09	0.11	0.13	0.19
179 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
180 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
181 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
182 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
183 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
184 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
185 Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
186 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														
187 Cooperative	2.12	2.12	2.52	2.23	1.87	2.17	2.04	2.56	2.58	2.82	2.82	2.91	3.06	3.00
188 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
189 Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
190 Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
191 Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
192 Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
193 Total Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455

Table A-9: Regional: Small Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118 Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119 Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120 North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121 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
122 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
123 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
124 Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
125 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
126 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
127 Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
128 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
129 Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 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
131 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
132 Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
133 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
134 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
135 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
136 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
137 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
138 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
139 Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
140 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
141 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
142 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
143 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
144 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
145 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
146 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
147 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
148 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
149 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
150 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
151 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
152 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
153 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
154 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
155 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
156 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
157 Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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
160 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
161 Strawberry Creek (MT)	0.06	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
162 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
163 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
164 Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165 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
166 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
167 Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
168 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
169 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
170 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
171 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
172 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
173 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
174 Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
175 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
176 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

Table A-9: Regional: Small Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177 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
178 Whitefish	0.13	0.13	0.16	0.12	0.09	0.09	0.09	0.07	0.08	0.09	0.09	0.11	0.13	0.19
179 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
180 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
181 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
182 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
183 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
184 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
185 Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
186 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														
187 Cooperative	2.12	2.12	2.52	2.23	1.87	2.17	2.04	2.56	2.58	2.82	2.82	2.91	3.06	3.00
188 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
189 Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
190 Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
191 Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
192 Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
193 Total Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455

Table A-9: Regional: Small Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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

Table A-9: Regional: Small Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

120Hr-MW	S129-WB-20151029-154000													
	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60 Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61 Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62 Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63 Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64 Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65 Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66 Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67 Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68 Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69 Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70 Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71 Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72 Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73 Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74 Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75 James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76 James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77 Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78 John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79 Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	3.37	3.37	3.37	3.37	3.37	3.37
80 Kasel-Witherspoon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81 Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82 Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83 Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84 L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85 Lacombe	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86 Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87 Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88 Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89 Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90 Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91 Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92 Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93 Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94 Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95 Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96 Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97 Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98 Loyd F. Fery Farms	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04
99 LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100 Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101 Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102 Maqic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103 Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6
104 Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105 Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106 Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107 Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108 Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0.62	0.62	0.62	1.20	1.29	1.36
109 Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110 Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112 Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113 Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114 Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115 Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116 Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117 N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118 Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119 Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120 North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121 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
122 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
123 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
124 Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
125 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
126 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
127 Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
128 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
129 Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 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
131 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
132 Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
133 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
134 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
135 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
136 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
137 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
138 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
139 Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
140 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
141 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
142 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
143 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
144 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
145 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
146 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
147 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
148 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
149 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
150 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
151 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
152 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
153 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
154 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
155 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
156 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
157 Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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
160 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
161 Strawberry Creek (MT)	0.06	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
162 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
163 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
164 Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165 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
166 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
167 Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
168 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
169 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
170 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
171 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
172 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
173 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
174 Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
175 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
176 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

Table A-9: Regional: Small Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177 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
178 Whitefish	0.13	0.13	0.16	0.12	0.09	0.09	0.09	0.07	0.08	0.09	0.09	0.11	0.13	0.19
179 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
180 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
181 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
182 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
183 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
184 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
185 Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
186 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														
187 Cooperative	2.12	2.12	2.52	2.23	1.87	2.17	2.04	2.56	2.58	2.82	2.82	2.91	3.06	3.00
188 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
189 Investor Owned Utilities	218	218	197	166	154	142	137	146	168	207	213	250	244	229
190 Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
191 Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
192 Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
193 Total Small Hydro	384	382	311	227	174	162	157	169	210	325	331	451	464	453

Table A-9: Regional: Small Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015 Continued

120Hr-MW	S129-WB-20151029-154000													
	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Faulkner Ranch	0.82	0.82	0.71	0.69	0.71	0.30	0.30	0.34	0.54	0.56	0.56	0.54	0.85	0.82
60 Fisheries Development #1	0.24	0.24	0.26	0.22	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.23
61 Flying W	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
62 Ford	0	0	0	0	0.30	0.50	0.90	0.90	1.10	1.10	1.10	0.70	0.30	0.10
63 Forgy	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
64 Galesville	0.63	0.63	0.38	0.18	0.17	0.26	0.01	0.25	0.35	0.43	0.43	0.33	0.35	0.54
65 Geo-Bon #2	0.97	0.97	0.35	0.34	0.35	0.24	0.24	0.26	0.59	0.61	0.61	0.59	1.00	0.97
66 Georgetown	0	0	0.24	0.30	0.32	0.31	0.28	0.27	0.25	0.28	0.28	0.34	0.22	0
67 Gillihan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
68 Ground Water Pumping Station	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
69 Hailey	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
70 Hazelton A	7.04	7.04	5.43	2.49	0.91	0	0	0	0.08	2.56	2.56	6.01	6.73	7.45
71 Hazelton B	6.61	6.61	5.15	2.36	0.67	0	0	0	0.06	2.23	2.23	5.64	6.41	6.97
72 Hettinger	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
73 Horseshoe Bend	8.79	8.79	7.55	3.91	2.78	3.50	3.86	4.65	5.89	8.81	8.81	9.93	9.80	9.22
74 Hutchinson Creek	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
75 James Boyd	0	0	0	0	0	0.37	0.34	0.58	0.69	0.81	0.81	0.50	0	0
76 James White	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20
77 Jim Knight	0.36	0.36	0.25	0.25	0.25	0.09	0.09	0.10	0.25	0.25	0.25	0.25	0.37	0.36
78 John Day Creek	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
79 Juniper Ridge Hydro	3.37	3.37	3.37	3.37	0	0	0	0	3.37	3.37	3.37	3.37	3.37	3.37
80 Kasel-Witherspoon	0.90	0.90	0.94	0.60	0.36	0.19	0.15	0.16	0.27	0.36	0.36	0.76	0.85	0.78
81 Kaster Riverview	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
82 Koma Kulshan	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
83 Koyle Ranch Power	1.05	1.05	1.14	0.99	1.04	0.16	0.15	0.06	0.32	0.82	0.82	1.25	0.78	0.94
84 L & M Angus Ranch	0.23	0.23	0.28	0.32	0.51	0.50	0.41	0.42	0.45	0.40	0.40	0.35	0.27	0.27
85 Lacombe	0	0	0	0	0.21	0.97	0.22	0.89	0.89	1.05	1.05	0.95	0.88	0.42
86 Lake Creek (OR)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87 Lake Oswego	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
88 Lateral #10	1.21	1.21	1.25	1.60	1.65	1.21	1.21	1.34	1.41	1.45	1.45	1.41	1.25	1.21
89 Le Moyne	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
90 Lee Tavenner	0.06	0.06	0.08	0.08	0.07	0.10	0.13	0.10	0.08	0.09	0.08	0.08	0.07	0.05
91 Little Butte Ranch	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
92 Little Mac	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
93 Little Wood River Ranch	1.94	1.94	0.21	0.20	0.21	0	0	0	1.61	1.66	1.66	1.61	2.00	1.94
94 Little Wood River Reservoir	0.73	0.73	0.44	0.42	0.44	0.20	0.20	0.22	0.44	0.45	0.45	0.44	0.75	0.73
95 Low line Canal Drop	7.82	7.82	7.50	7.26	7.50	0.63	0.63	0.70	5.28	5.45	5.45	5.28	8.08	7.82
96 Low Line Midway	2.00	2.00	0	0	0	0	0	0	0	0	0	0	2.00	2.00
97 Lower Low line	2.69	2.69	2.48	1.80	1.45	0	0	0.68	1.88	2.48	2.48	2.69	2.69	2.69
98 Loyd F. Fery Farms	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.03	0.03	0.04
99 LQ-LS Drains (Pigeon Cove)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
100 Lucky Peak	28.6	26.8	19.9	4.50	0	0.70	0	1.50	1.60	11.4	11.4	67.7	75.2	73.0
101 Macks Creek	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
102 Maqic Dam	6.82	6.82	4.40	0.49	0.17	0.10	0.25	0.15	0.86	2.99	2.99	8.25	9.08	8.96
103 Main Canal Headworks	20.4	20.4	12.2	5.20	0	0	0	2.80	13.6	13.6	18.2	21.2	23.6	
104 Marsh Valley	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
105 Meyers Falls	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
106 Meyers Falls 1910	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
107 Middle Fork Irrigation District	1.84	1.84	0.77	1.24	1.31	1.66	2.72	3.09	3.08	2.93	2.93	2.84	2.42	1.98
108 Mile 28	1.32	1.32	1.23	0.69	0.18	0	0	0	0.62	0.62	0.62	1.20	1.29	1.36
109 Mill Creek (Cove Hydro)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110 Minikahda	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Mink Creek	1.18	1.18	0.83	0.62	0.56	0.50	0.40	0.39	0.25	0.41	0.41	1.65	2.69	1.61
112 Mitchell Butte	1.75	1.75	1.79	0.70	0	0	0	0	0.47	1.39	1.39	2.07	2.09	1.82
113 Mora Drop	1.90	1.90	1.90	0	0	0	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
114 Morse Creek	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
115 Mt. Tabor	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
116 Mud Creek	0.50	0.50	0.65	0.66	0.74	0.60	0.47	0.53	0.50	0.50	0.50	0.49	0.44	0.50
117 N-32 Canal	1.12	1.12	1.15	1.12	1.15	0	0	0	1.12	1.15	1.15	1.12	1.15	1.12

Table A-9: Regional: Small Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118 Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119 Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120 North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121 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
122 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
123 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
124 Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
125 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
126 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
127 Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
128 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
129 Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 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
131 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
132 Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
133 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
134 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
135 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
136 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
137 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
138 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
139 Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
140 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
141 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
142 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
143 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
144 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
145 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
146 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
147 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
148 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
149 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
150 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
151 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
152 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
153 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
154 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
155 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
156 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
157 Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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
160 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
161 Strawberry Creek (MT)	0.06	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
162 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
163 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
164 Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165 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
166 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
167 Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
168 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
169 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
170 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
171 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
172 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
173 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
174 Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
175 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
176 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

Table A-9: Regional: Small Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177 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
178 Whitefish	0.13	0.13	0.16	0.12	0.09	0.09	0.09	0.07	0.08	0.09	0.09	0.11	0.13	0.19
179 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
180 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
181 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
182 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
183 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
184 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
185 Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
186 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														
187 Cooperative	2.12	2.12	2.52	2.23	1.87	2.17	2.04	2.56	2.58	2.82	2.82	2.91	3.06	3.00
188 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
189 Investor Owned Utilities	218	216	193	163	153	142	137	146	165	207	208	247	244	231
190 Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
191 Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
192 Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
193 Total Small Hydro	384	380	307	225	173	162	157	169	207	325	327	448	464	455

Table A-9: Regional: Small Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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

Table A-9: Regional: Small Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118 Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119 Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120 North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121 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
122 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
123 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
124 Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
125 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
126 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
127 Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
128 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
129 Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 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
131 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
132 Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
133 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
134 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
135 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
136 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
137 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
138 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
139 Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
140 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
141 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
142 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
143 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
144 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
145 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
146 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
147 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
148 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
149 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
150 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
151 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
152 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
153 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
154 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
155 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
156 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
157 Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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
160 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
161 Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06
162 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
163 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
164 Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165 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
166 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
167 Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
168 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
169 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
170 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
171 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
172 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
173 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
174 Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
175 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
176 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

Table A-9: Regional: Small Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177 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
178 Whitefish	0.13	0.13	0.16	0.12	0.09	0.09	0.09	0.07	0.08	0.09	0.09	0.11	0.13	0.19
179 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
180 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
181 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
182 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
183 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
184 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
185 Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
186 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														
187 Cooperative	2.12	2.12	2.52	2.23	1.87	2.17	2.04	2.56	2.58	2.82	2.82	2.91	3.06	3.00
188 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
189 Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
190 Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
191 Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
192 Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
193 Total Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455

Table A-9: Regional: Small Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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

Table A-9: Regional: Small Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118 Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119 Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120 North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121 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
122 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
123 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
124 Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
125 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
126 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
127 Pancheri	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
128 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
129 Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 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
131 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
132 Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
133 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
134 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
135 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
136 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
137 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
138 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
139 Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
140 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
141 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
142 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
143 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
144 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
145 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
146 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
147 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
148 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
149 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
150 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
151 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
152 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
153 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
154 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
155 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
156 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
157 Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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
160 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
161 Strawberry Creek (MT)	0.06	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
162 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
163 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
164 Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165 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
166 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
167 Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
168 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
169 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
170 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
171 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
172 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
173 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
174 Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
175 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
176 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

Table A-9: Regional: Small Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177 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
178 Whitefish	0.13	0.13	0.16	0.12	0.09	0.09	0.09	0.07	0.08	0.09	0.09	0.11	0.13	0.19
179 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
180 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
181 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
182 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
183 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
184 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
185 Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
186 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														
187 Cooperative	2.12	2.12	2.52	2.23	1.87	2.17	2.04	2.56	2.58	2.82	2.82	2.91	3.06	3.00
188 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
189 Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
190 Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
191 Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
192 Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
193 Total Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	464	455

Table A-9: Regional: Small Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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

Table A-9: Regional: Small Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118 Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119 Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120 North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121 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
122 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
123 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
124 Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
125 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
126 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
127 Pancheri	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0.01
128 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
129 Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 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
131 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
132 Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
133 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
134 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
135 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
136 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
137 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
138 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
139 Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
140 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
141 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
142 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
143 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
144 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
145 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
146 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
147 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
148 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
149 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
150 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
151 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
152 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
153 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
154 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
155 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
156 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
157 Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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
160 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
161 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
162 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
163 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
164 Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165 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
166 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
167 Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
168 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
169 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
170 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
171 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
172 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
173 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
174 Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
175 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
176 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

Table A-9: Regional: Small Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177 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
178 Whitefish	0.13	0.13	0.16	0.12	0.09	0.09	0.09	0.07	0.08	0.09	0.09	0.11	0.13	0.19
179 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
180 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
181 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
182 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
183 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
184 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
185 Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
186 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														
187 Cooperative	2.12	2.12	2.52	2.23	1.87	2.17	2.04	2.56	2.58	2.82	2.82	2.91	3.06	3.00
188 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
189 Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
190 Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
191 Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
192 Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
193 Total Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	463	455

Table A-9: Regional: Small Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015 Continued

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118 Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119 Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120 North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121 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
122 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
123 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
124 Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
125 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
126 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
127 Pancheri	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0.01
128 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
129 Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 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
131 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
132 Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
133 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
134 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
135 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
136 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
137 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
138 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
139 Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
140 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
141 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
142 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
143 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
144 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
145 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
146 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
147 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
148 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
149 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
150 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
151 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
152 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
153 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
154 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
155 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
156 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
157 Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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
160 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
161 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
162 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
163 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
164 Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165 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
166 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
167 Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
168 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
169 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
170 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
171 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
172 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
173 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
174 Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
175 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
176 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

Table A-9: Regional: Small Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177 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
178 Whitefish	0.13	0.13	0.16	0.12	0.09	0.09	0.09	0.07	0.08	0.09	0.09	0.11	0.13	0.19
179 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
180 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
181 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
182 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
183 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
184 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
185 Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
186 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														
187 Cooperative	2.12	2.12	2.52	2.23	1.87	2.17	2.04	2.56	2.58	2.82	2.82	2.91	3.06	3.00
188 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
189 Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
190 Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
191 Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
192 Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
193 Total Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	463	455

Table A-9: Regional: Small Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118 Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119 Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120 North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121 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
122 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
123 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
124 Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
125 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
126 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
127 Pancheri	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0.01
128 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
129 Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 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
131 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
132 Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
133 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
134 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
135 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
136 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
137 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
138 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
139 Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
140 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
141 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
142 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
143 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
144 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
145 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
146 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
147 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
148 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
149 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
150 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
151 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
152 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
153 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
154 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
155 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
156 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
157 Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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
160 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
161 Strawberry Creek (MT)	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.07	0.06	0.06
162 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
163 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
164 Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165 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
166 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
167 Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
168 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
169 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
170 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
171 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
172 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
173 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
174 Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
175 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
176 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

Table A-9: Regional: Small Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177 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
178 Whitefish	0.13	0.13	0.16	0.12	0.09	0.09	0.09	0.07	0.08	0.09	0.09	0.11	0.13	0.19
179 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
180 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
181 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
182 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
183 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
184 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
185 Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
186 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														
187 Cooperative	2.12	2.12	2.52	2.23	1.87	2.17	2.04	2.56	2.58	2.82	2.82	2.91	3.06	3.00
188 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
189 Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
190 Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
191 Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
192 Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
193 Total Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	463	455

Table A-9: Regional: Small Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

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

Table A-9: Regional: Small Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
118 Nichols Gap	0	0	0	0	0.42	0.62	0.19	0.55	0.58	0.40	0.40	0.02	0.01	0
119 Nicholson	0.22	0.22	0.16	0.21	0.19	0.20	0.14	0.21	0.19	0.16	0.16	0.19	0.23	0.22
120 North Fork Sprague	0.03	0.03	0.07	0.01	0	0.05	0.15	0.26	0.16	0.27	0.27	0.92	0.45	0.15
121 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
122 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
123 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
124 Orchard Avenue	0.79	0.79	0.79	0.79	0	0	0	0	0	0	0.79	0.79	0.79	0.79
125 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
126 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
127 Pancheri	0	0	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0.01
128 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
129 Phillips Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 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
131 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
132 Poderosa	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
133 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
134 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
135 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
136 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
137 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
138 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
139 Ravenscroft Ranch	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
140 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
141 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
142 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
143 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
144 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
145 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
146 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
147 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
148 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
149 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
150 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
151 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
152 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
153 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
154 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
155 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
156 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
157 Spring Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Stayton Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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
160 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
161 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
162 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
163 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
164 Sygitowicz Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165 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
166 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
167 Tieton Dam (Yakima)	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
168 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
169 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
170 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
171 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
172 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
173 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
174 Watson Hydro	0.70	0.70	0.70	0.70	0.70	0	0	0	0.70	0.70	0.70	0.70	0.70	0.70
175 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
176 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

Table A-9: Regional: Small Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
177 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
178 Whitefish	0.13	0.13	0.16	0.12	0.09	0.09	0.09	0.07	0.08	0.09	0.09	0.11	0.13	0.19
179 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
180 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
181 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
182 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
183 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
184 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
185 Youngs Creek	0.07	0.07	0.54	1.65	3.29	2.73	2.92	3.85	6.48	6.44	6.44	2.49	0.56	0.17
186 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														
187 Cooperative	2.12	2.12	2.52	2.23	1.87	2.17	2.04	2.56	2.58	2.82	2.82	2.91	3.06	3.00
188 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
189 Investor Owned Utilities	218	218	197	166	154	142	137	146	165	207	208	247	244	231
190 Marketer	0.68	0.68	0.46	0.41	0	0	0	0	0	0.51	0.51	0.51	0.56	0.51
191 Municipality	139	138	90.2	39.0	4.07	4.77	4.07	5.57	14.1	84.7	84.7	169	189	195
192 Public Utility District	19.7	19.7	17.8	15.8	9.42	8.86	9.06	9.98	20.4	25.7	25.7	24.1	21.9	21.1
193 Total Small Hydro	384	382	311	227	174	162	157	169	207	325	327	448	463	455

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Exhibit 6
Table A-10: Regional Combustion Turbines

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2017

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Combustion Turbine Resources														
1 Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3 Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4 Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6 Boulder Park	24.6	24.6	20.5	20.5	20.5	20.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7 Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8 Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9 Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 Encogen	160	160	162	167	172	175	175	173	171	168	168	0	162	160
11 Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12 Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13 Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14 Frederickson CT	266	266	269	273	277	279	280	278	277	275	0	136	269	267
15 Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	0	148	147
16 Fredonia	312	312	317	326	335	341	342	338	334	329	0	161	317	312
17 Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	0	106	208	205
18 Fredonia 3 & 4	106	106	108	112	116	118	118	117	115	113	0	55.4	108	106
19 Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	132	260	257
20 Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21 Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22 Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23 Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24 Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25 Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26 Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27 Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	0	293	289	286
28 Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29 Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30 Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31 Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32 Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33 Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34 Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35 River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36 Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37 Stahlbush Island Farms Bioqas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38 University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39 Whitehorn	147	147	149	153	157	160	160	158	157	155	0	152	149	147
Total Combustion Turbine Resources														
40 Investor Owned Utilities	4835	4835	4889	4965	5113	5180	5190	5144	5097	5054	4137	4271	4401	4837
41 Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42 Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43 Public Utility District	442	442	444	446	448	449	449	448	448	447	309	322	444	443
44 Total	6530	6530	6586	6664	6814	6882	6892	6846	6798	6754	5699	5840	6092	6533

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2018

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Combustion Turbine Resources														
1 Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3 Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4 Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6 Boulder Park	24.6	24.6	20.5	20.5	20.5	20.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7 Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8 Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9 Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 Encogen	160	160	162	167	172	175	175	173	171	168	168	0	162	160
11 Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12 Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13 Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14 Frederickson CT	266	266	269	273	277	279	280	278	277	275	0	136	269	267
15 Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	0	148	147
16 Fredonia	312	312	317	326	335	341	342	338	334	329	0	161	317	312
17 Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	0	106	208	205
18 Fredonia 3 & 4	106	106	108	112	116	118	118	117	115	113	0	55.4	108	106
19 Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	132	260	257
20 Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21 Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22 Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23 Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24 Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25 Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26 Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27 Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	0	293	289	286
28 Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29 Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30 Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31 Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32 Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33 Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34 Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35 River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36 Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37 Stahlbush Island Farms Bioqas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38 University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39 Whitehorn	147	147	149	153	157	160	160	158	157	155	0	152	149	147
Total Combustion Turbine Resources														
40 Investor Owned Utilities	4835	4835	4889	4965	5113	5180	5190	5144	5097	5054	4137	4271	4401	4837
41 Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42 Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43 Public Utility District	442	442	444	446	448	449	449	448	448	447	309	322	444	443
44 Total	6530	6530	6586	6664	6814	6882	6892	6846	6798	6754	5699	5840	6092	6533

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2019

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Combustion Turbine Resources														
1 Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3 Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4 Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6 Boulder Park	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7 Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8 Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9 Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 Encogen	160	160	162	167	172	175	175	173	171	168	168	0	162	160
11 Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12 Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13 Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14 Frederickson CT	266	266	269	273	277	279	280	278	277	275	0	136	269	267
15 Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	0	148	147
16 Fredonia	312	312	317	326	335	341	342	338	334	329	0	161	317	312
17 Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	0	106	208	205
18 Fredonia 3 & 4	106	106	108	112	116	118	118	117	115	113	0	55.4	108	106
19 Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	132	260	257
20 Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21 Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22 Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23 Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24 Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25 Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26 Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27 Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	0	293	289	286
28 Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29 Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30 Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31 Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32 Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33 Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34 Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35 River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36 Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37 Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38 University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39 Whitehorn	147	147	149	153	157	160	160	158	157	155	0	152	149	147
Total Combustion Turbine Resources														
40 Investor Owned Utilities	4835	4835	4893	4969	5117	5184	5190	5144	5097	5054	4137	4271	4401	4837
41 Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42 Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43 Public Utility District	442	442	444	446	448	449	449	448	448	447	309	322	444	443
44 Total	6530	6530	6590	6668	6818	6886	6892	6846	6798	6754	5699	5840	6092	6533

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2020

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Combustion Turbine Resources														
1 Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3 Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4 Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6 Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7 Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8 Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9 Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 Encogen	160	160	162	167	172	175	175	173	171	168	168	0	162	160
11 Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12 Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13 Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14 Frederickson CT	266	266	269	273	277	279	280	278	277	275	0	136	269	267
15 Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	0	148	147
16 Fredonia	312	312	317	326	335	341	342	338	334	329	0	161	317	312
17 Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	0	106	208	205
18 Fredonia 3 & 4	106	106	108	112	116	118	118	117	115	113	0	55.4	108	106
19 Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	132	260	257
20 Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21 Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22 Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23 Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24 Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25 Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26 Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27 Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	0	293	289	286
28 Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29 Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30 Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31 Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32 Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33 Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34 Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35 River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36 Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37 Stahlbush Island Farms Bioqas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38 University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39 Whitehorn	147	147	149	153	157	160	160	158	157	155	0	152	149	147
Total Combustion Turbine Resources														
40 Investor Owned Utilities	4835	4835	4893	4966	5115	5184	5190	5144	5097	5054	4137	4271	4401	4837
41 Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42 Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43 Public Utility District	442	442	444	446	448	449	449	448	448	447	309	322	444	443
44 Total	6530	6530	6590	6666	6816	6886	6892	6846	6798	6754	5699	5840	6092	6533

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2021

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Combustion Turbine Resources														
1 Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3 Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4 Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6 Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7 Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8 Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9 Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 Encogen	160	160	162	167	172	175	175	173	171	168	168	0	162	160
11 Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12 Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13 Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14 Frederickson CT	266	266	269	273	277	279	280	278	277	275	0	136	269	267
15 Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	0	148	147
16 Fredonia	312	312	317	326	335	341	342	338	334	329	0	161	317	312
17 Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	0	106	208	205
18 Fredonia 3 & 4	106	106	108	112	116	118	118	117	115	113	0	55.4	108	106
19 Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	132	260	257
20 Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21 Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22 Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23 Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24 Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25 Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26 Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27 Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	0	293	289	286
28 Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29 Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30 Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31 Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32 Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33 Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34 Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35 River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36 Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37 Stahlbush Island Farms Bioqas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38 University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39 Whitehorn	147	147	149	153	157	160	160	158	157	155	0	152	149	147
Total Combustion Turbine Resources														
40 Investor Owned Utilities	4835	4835	4893	4966	5115	5184	5190	5144	5097	5054	4137	4271	4401	4837
41 Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42 Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43 Public Utility District	442	442	444	446	448	449	449	448	448	447	309	322	444	443
44 Total	6530	6530	6590	6666	6816	6886	6892	6846	6798	6754	5699	5840	6092	6533

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2022

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Combustion Turbine Resources														
1 Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3 Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4 Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6 Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7 Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8 Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9 Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 Encogen	160	160	162	167	172	175	175	173	171	168	168	0	162	160
11 Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12 Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13 Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14 Frederickson CT	266	266	269	273	277	279	280	278	277	275	0	136	269	267
15 Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	0	148	147
16 Fredonia	312	312	317	326	335	341	342	338	334	329	0	161	317	312
17 Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	0	106	208	205
18 Fredonia 3 & 4	106	106	108	112	116	118	118	117	115	113	0	55.4	108	106
19 Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	132	260	257
20 Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21 Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22 Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23 Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24 Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25 Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26 Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27 Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	0	293	289	286
28 Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29 Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30 Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31 Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32 Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33 Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34 Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35 River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36 Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37 Stahlbush Island Farms Bioqas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38 University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39 Whitehorn	147	147	149	153	157	160	160	158	157	155	0	152	149	147
Total Combustion Turbine Resources														
40 Investor Owned Utilities	4835	4835	4893	4966	5115	5184	5190	5144	5097	5054	4137	4271	4401	4837
41 Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42 Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43 Public Utility District	442	442	444	446	448	449	449	448	448	447	309	322	444	443
44 Total	6530	6530	6590	6666	6816	6886	6892	6846	6798	6754	5699	5840	6092	6533

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2023

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Combustion Turbine Resources														
1 Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3 Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4 Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6 Boulder Park	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7 Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8 Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9 Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 Encogen	160	160	162	167	172	175	175	173	171	168	168	0	162	160
11 Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12 Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13 Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14 Frederickson CT	266	266	215	219	222	223	224	222	222	220	0	109	215	213
15 Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	0	148	147
16 Fredonia	312	312	317	326	335	341	342	338	334	329	0	161	317	312
17 Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	0	106	208	205
18 Fredonia 3 & 4	106	106	108	112	116	118	118	117	115	113	0	55.4	108	106
19 Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	132	260	257
20 Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21 Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22 Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23 Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24 Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25 Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26 Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27 Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	0	293	289	286
28 Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29 Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30 Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31 Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32 Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33 Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34 Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35 River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36 Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37 Stahlbush Island Farms Biogas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38 University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39 Whitehorn	147	147	149	153	157	160	160	158	157	155	0	152	149	147
Total Combustion Turbine Resources														
40 Investor Owned Utilities	4835	4835	4893	4969	5117	5184	5190	5144	5097	5054	4137	4271	4401	4837
41 Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42 Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43 Public Utility District	442	442	390	391	393	393	393	393	393	392	309	295	390	389
44 Total	6530	6530	6536	6613	6763	6830	6836	6790	6742	6699	5699	5813	6039	6479

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2024

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Combustion Turbine Resources														
1 Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3 Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4 Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6 Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7 Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8 Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9 Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 Encogen	160	160	162	167	172	175	175	173	171	168	168	0	162	160
11 Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12 Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13 Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14 Frederickson CT	213	213	215	219	222	223	224	222	222	220	0	109	215	213
15 Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	0	148	147
16 Fredonia	312	312	317	326	335	341	342	338	334	329	0	161	317	312
17 Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	0	106	208	205
18 Fredonia 3 & 4	106	106	108	112	116	118	118	117	115	113	0	55.4	108	106
19 Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	132	260	257
20 Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21 Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22 Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23 Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24 Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25 Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26 Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27 Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	0	293	289	286
28 Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29 Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30 Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31 Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32 Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33 Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34 Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35 River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36 Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37 Stahlbush Island Farms Bioqas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38 University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39 Whitehorn	147	147	149	153	157	160	160	158	157	155	0	152	149	147
Total Combustion Turbine Resources														
40 Investor Owned Utilities	4835	4835	4893	4966	5115	5184	5190	5144	5097	5054	4137	4271	4401	4837
41 Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42 Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43 Public Utility District	389	389	390	391	393	393	393	393	393	392	309	295	390	389
44 Total	6477	6477	6536	6611	6760	6830	6836	6790	6742	6699	5699	5813	6039	6479

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2025

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Combustion Turbine Resources														
1 Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3 Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4 Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6 Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7 Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8 Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9 Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 Encogen	160	160	162	167	172	175	175	173	171	168	168	0	162	160
11 Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12 Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13 Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14 Frederickson CT	213	213	215	219	222	223	224	222	222	220	0	109	215	213
15 Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	0	148	147
16 Fredonia	312	312	317	326	335	341	342	338	334	329	0	161	317	312
17 Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	0	106	208	205
18 Fredonia 3 & 4	106	106	108	112	116	118	118	117	115	113	0	55.4	108	106
19 Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	132	260	257
20 Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21 Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22 Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23 Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24 Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25 Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26 Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27 Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	0	293	289	286
28 Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29 Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30 Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31 Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32 Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33 Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34 Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35 River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36 Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37 Stahlbush Island Farms Bioqas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38 University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39 Whitehorn	147	147	149	153	157	160	160	158	157	155	0	152	149	147
Total Combustion Turbine Resources														
40 Investor Owned Utilities	4835	4835	4893	4966	5115	5184	5190	5144	5097	5054	4137	4271	4401	4837
41 Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42 Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43 Public Utility District	389	389	390	391	393	393	393	393	393	392	309	295	390	389
44 Total	6477	6477	6536	6611	6760	6830	6836	6790	6742	6699	5699	5813	6039	6479

Table A-10: Regional: Combustion Turbine Resources

Operating Year 2026

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Combustion Turbine Resources														
1 Basin Creek Project	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 Beaver	495	495	502	512	522	529	529	526	522	516	516	509	502	495
3 Beaver	475	475	482	492	502	509	509	506	502	496	496	489	482	475
4 Beaver 8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Bennett Mountain Peaking Plant	161	161	164	168	171	178	178	173	167	168	168	166	163	161
6 Boulder Park	24.6	24.6	24.6	22.1	22.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
7 Carty Generating Station	440	440	440	440	440	440	440	440	440	440	440	440	440	440
8 Chehalis Generation Facility	484	484	490	500	509	513	514	511	508	503	503	496	0	484
9 Dave Gates Generating Station	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 Encogen	160	160	162	167	172	175	175	173	171	168	168	0	162	160
11 Evander Andrews Complex	249	249	254	259	264	275	275	266	258	260	260	257	253	248
12 Danskin 1	82.0	82.0	84.0	86.0	88.0	92.0	92.0	88.0	86.0	86.0	86.0	86.0	84.0	82.0
13 Danskin 2	167	167	170	173	176	183	183	178	172	174	174	171	169	166
14 Frederickson CT	213	213	215	219	222	223	224	222	222	220	0	109	215	213
15 Frederickson Power Project	146	146	149	153	157	159	160	158	157	155	155	0	148	147
16 Fredonia	312	312	317	326	335	341	342	338	334	329	0	161	317	312
17 Fredonia 1 & 2	205	205	208	214	220	223	224	221	219	216	0	106	208	205
18 Fredonia 3 & 4	106	106	108	112	116	118	118	117	115	113	0	55.4	108	106
19 Goldendale Energy Center	257	257	262	266	271	275	274	272	269	267	267	132	260	257
20 Grimes Way	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.80	2.80	4.00
21 Kettle Falls Station (CT)	8.55	8.55	9.50	10.00	10.00	11.0	11.0	11.0	10.00	10.00	10.00	9.00	9.00	8.55
22 Klamath Generation Facility	484	484	484	484	484	484	484	484	484	484	484	484	484	484
23 Klamath Generation Peakings (C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24 Lancaster	230	230	238	272	276	279	279	278	276	272	272	234	234	228
25 Langley Gulch CT	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26 Loki Peaking Project	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	0	11.0	11.0
27 Mint Farm Energy Center	285	285	288	294	299	301	301	299	298	296	0	293	289	286
28 Northeast 1 & 2	44.0	44.0	46.0	0	64.0	66.0	66.0	64.0	62.0	60.0	60.0	46.0	46.0	42.0
29 Olympic View	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
30 Pasco Peak Power Plant	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0	44.0	44.0
31 Port Westward	619	619	620	629	638	643	643	641	637	630	630	626	621	618
32 Port Westward 1	399	399	400	409	418	423	423	421	417	410	410	406	401	398
33 Port Westward 2	220	220	220	220	220	220	220	220	220	220	220	220	220	220
34 Rathdrum	139	139	143	156	168	174	176	172	168	162	162	156	148	146
35 River Road	248	248	248	248	248	248	248	248	248	248	248	248	248	248
36 Satsop Combustion Turbine Proj	650	650	650	650	650	650	650	650	650	650	650	650	650	650
37 Stahlbush Island Farms Bioqas	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
38 University of Washington Power	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.5	10.5	15.0
39 Whitehorn	147	147	149	153	157	160	160	158	157	155	0	152	149	147
Total Combustion Turbine Resources														
40 Investor Owned Utilities	4835	4835	4893	4966	5115	5184	5190	5144	5097	5054	4137	4271	4401	4837
41 Marketer	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234	1234
42 Municipality	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	13.3	13.3	19.0
43 Public Utility District	389	389	390	391	393	393	393	393	393	392	309	295	390	389
44 Total	6477	6477	6536	6611	6760	6830	6836	6790	6742	6699	5699	5813	6039	6479

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Exhibit 7
Table A-11: Regional Renewable Resources

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-11: Regional: Renewable Resources
Operating Year 2017
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Renewable Resources														
1 3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 American Falls Solar	0	0	0	0	0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
3 American Falls Solar 1	0	0	0	0	0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
4 American Falls Solar 2	0	0	0	0	0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5 Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6 City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9 Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 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
17 Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Boise City Solar	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
23 Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
28 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
29 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
30 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
31 Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
33 Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Combine Hills I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 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
40 Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 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
42 Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 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
44 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
45 Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49 Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 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
51 Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52 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
53 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
54 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
55 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
56 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
57 Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2017

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58 Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Forest Glen Oaks Dairy	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
61 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Grand View Solar	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	80.0
67 Grand View Solar 1	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
68 Grand View Solar 2	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
69 Grand View Solar 3	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
70 Grand View Solar 4	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
71 Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 H.W. Hill Landfill Gas (Roosevelt)	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73 HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
75 Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 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
80 High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Hopkins Ridge 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 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
88 JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
89 Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 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
92 King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105 Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
114 Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117 Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118 Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 Five Pine Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120 North Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122 Murphy Flat Solar Power	0	0	0	0	0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
123 Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
124 Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127 Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128 Orchard Ranch Solar	0	0	0	0	0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
129 Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131 Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
132 Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 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
142 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
143 Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 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
145 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
146 Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147 Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
148 Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
151 Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 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
153 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
154 Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155 Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 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
164 Simco Solar	0	0	0	0	0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
165 Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166 Staseline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 Staseline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Staseline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169 Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
170 Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171 Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174 Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
175 Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176 Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177 Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178 Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
179 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
180 Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182 Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197 Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Renewable Resources

199 Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
200 Federal Entities	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
201 Investor Owned Utilities	244	245	245	245	245	345	345	345	344	344	343	344	344	344
202 Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203 Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
204 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205 Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
206 Total	299	299	299	299	299	399	399	399	398	399	398	398	399	399

Table A-11: Regional: Renewable Resources
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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Renewable Resources														
1 3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 American Falls Solar	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
3 American Falls Solar 1	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
4 American Falls Solar 2	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 Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6 City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9 Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 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
17 Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Boise City Solar	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
23 Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
28 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
29 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
30 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
31 Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
33 Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Combine Hills 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 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
40 Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 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
42 Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 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
44 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
45 Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49 Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 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
51 Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52 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
53 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
54 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
55 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
56 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
57 Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58 Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Forest Glen Oaks Dairy	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
61 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Grand View Solar	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	80.0
67 Grand View Solar 1	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
68 Grand View Solar 2	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
69 Grand View Solar 3	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
70 Grand View Solar 4	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
71 Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 H.W. Hill Landfill Gas (Roosevelt)	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73 HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
75 Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 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
80 High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Hopkins Ridge 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 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
88 JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
89 Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 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
92 King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105 Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
114 Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2018

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117 Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118 Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 Five Pine Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120 North Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122 Murphy Flat Solar Power	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
123 Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
124 Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127 Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128 Orchard Ranch Solar	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
129 Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131 Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
132 Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 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
142 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
143 Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 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
145 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
146 Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147 Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
148 Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
151 Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 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
153 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
154 Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155 Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 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
164 Simco Solar	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
165 Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166 Staseline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 Staseline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Staseline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169 Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
170 Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171 Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174 Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2018

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
175 Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176 Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177 Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178 Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
179 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
180 Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182 Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197 Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Renewable Resources

199 Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
200 Federal Entities	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
201 Investor Owned Utilities	344	345	345	345	345	345	345	345	344	344	343	344	344	344
202 Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203 Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
204 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205 Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
206 Total	399	399	399	399	399	399	399	399	398	399	398	398	399	399

Table A-11: Regional: Renewable Resources
Operating Year 2019
2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Renewable Resources														
1 3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 American Falls Solar	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
3 American Falls Solar 1	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
4 American Falls Solar 2	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 Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6 City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9 Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 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
17 Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Boise City Solar	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
23 Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
28 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
29 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
30 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
31 Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
33 Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Combine Hills 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 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
40 Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 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
42 Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 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
44 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
45 Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49 Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 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
51 Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52 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
53 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
54 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
55 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
56 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
57 Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2019

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58 Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Forest Glen Oaks Dairy	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
61 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Grand View Solar	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	80.0
67 Grand View Solar 1	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
68 Grand View Solar 2	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
69 Grand View Solar 3	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
70 Grand View Solar 4	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
71 Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 H.W. Hill Landfill Gas (Roosevelt)	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73 HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
75 Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 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
80 High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Hopkins Ridge 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 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
88 JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
89 Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 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
92 King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105 Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
114 Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2019

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117 Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118 Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 Five Pine Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120 North Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122 Murphy Flat Solar Power	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
123 Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
124 Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127 Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128 Orchard Ranch Solar	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
129 Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131 Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
132 Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 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
142 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
143 Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 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
145 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
146 Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147 Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
148 Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
151 Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 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
153 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
154 Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155 Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 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
164 Simco Solar	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
165 Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166 Staseline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 Staseline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Staseline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169 Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
170 Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171 Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174 Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2019

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
175 Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176 Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177 Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178 Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
179 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
180 Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182 Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197 Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Renewable Resources

199 Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
200 Federal Entities	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
201 Investor Owned Utilities	344	345	345	345	345	345	345	345	344	344	343	344	344	344
202 Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203 Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
204 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205 Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
206 Total	399	399	399	399	399	399	399	399	398	399	398	398	399	399

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Operating Year 2020

2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Renewable Resources														
1 3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 American Falls Solar	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
3 American Falls Solar 1	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
4 American Falls Solar 2	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 Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6 City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9 Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 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
17 Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Boise City Solar	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
23 Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
28 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
29 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
30 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
31 Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
33 Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Combine Hills 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 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
40 Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 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
42 Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 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
44 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
45 Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49 Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 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
51 Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52 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
53 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
54 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
55 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
56 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
57 Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2020

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58 Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Forest Glen Oaks Dairy	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
61 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Grand View Solar	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	80.0
67 Grand View Solar 1	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
68 Grand View Solar 2	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
69 Grand View Solar 3	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
70 Grand View Solar 4	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
71 Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 H.W. Hill Landfill Gas (Roosevelt)	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73 HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
75 Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 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
80 High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Hopkins Ridge 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 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
88 JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
89 Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 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
92 King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105 Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
114 Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2020

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117 Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118 Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 Five Pine Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120 North Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122 Murphy Flat Solar Power	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
123 Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
124 Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127 Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128 Orchard Ranch Solar	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
129 Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131 Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
132 Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 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
142 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
143 Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 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
145 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
146 Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147 Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
148 Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
151 Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 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
153 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
154 Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155 Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 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
164 Simco Solar	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
165 Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166 Staseline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 Staseline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Staseline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169 Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
170 Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171 Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174 Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2020

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
175 Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176 Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177 Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178 Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
179 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
180 Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182 Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197 Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Renewable Resources

199 Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
200 Federal Entities	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0	0	0
201 Investor Owned Utilities	344	345	345	345	345	345	345	345	344	344	343	344	344	344
202 Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203 Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
204 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205 Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
206 Total	399	399	399	399	399	399	399	399	398	399	398	398	399	399

Table A-11: Regional: Renewable Resources
Operating Year 2021
2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Renewable Resources														
1 3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 American Falls Solar	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
3 American Falls Solar 1	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
4 American Falls Solar 2	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 Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6 City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9 Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 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
17 Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Boise City Solar	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
23 Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
28 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
29 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
30 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
31 Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
33 Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Combine Hills 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 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
40 Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 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
42 Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 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
44 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
45 Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49 Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 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
51 Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52 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
53 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
54 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
55 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
56 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
57 Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2021

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58 Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Forest Glen Oaks Dairy	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
61 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Grand View Solar	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	80.0
67 Grand View Solar 1	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
68 Grand View Solar 2	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
69 Grand View Solar 3	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
70 Grand View Solar 4	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
71 Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 H.W. Hill Landfill Gas (Roosevelt)	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73 HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
75 Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 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
80 High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Hopkins Ridge 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 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
88 JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
89 Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 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
92 King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105 Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
114 Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117 Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118 Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 Five Pine Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120 North Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122 Murphy Flat Solar Power	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
123 Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
124 Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127 Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128 Orchard Ranch Solar	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
129 Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131 Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
132 Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 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
142 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
143 Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 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
145 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
146 Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147 Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
148 Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
151 Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 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
153 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
154 Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155 Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 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
164 Simco Solar	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
165 Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166 Staseline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 Staseline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Staseline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169 Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
170 Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171 Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174 Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2021

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
175 Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176 Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177 Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178 Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
179 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
180 Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182 Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197 Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Renewable Resources

199 Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
200 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201 Investor Owned Utilities	344	345	345	345	345	345	345	345	344	344	343	344	344	344
202 Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203 Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
204 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205 Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
206 Total	399	399	399	399	399	399	399	399	398	399	398	398	399	399

Table A-11: Regional: Renewable Resources
Operating Year 2022
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Renewable Resources														
1 3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 American Falls Solar	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
3 American Falls Solar 1	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
4 American Falls Solar 2	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 Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6 City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9 Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 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
17 Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Boise City Solar	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
23 Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
28 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
29 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
30 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
31 Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
33 Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Combine Hills 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 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
40 Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 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
42 Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 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
44 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
45 Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49 Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 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
51 Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52 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
53 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
54 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
55 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
56 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
57 Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2022

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58 Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Forest Glen Oaks Dairy	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
61 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Grand View Solar	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	80.0
67 Grand View Solar 1	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
68 Grand View Solar 2	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
69 Grand View Solar 3	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
70 Grand View Solar 4	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
71 Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 H.W. Hill Landfill Gas (Roosevelt)	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73 HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
75 Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 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
80 High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Hopkins Ridge 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 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
88 JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
89 Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 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
92 King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105 Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
114 Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2022

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117 Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118 Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 Five Pine Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120 North Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122 Murphy Flat Solar Power	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
123 Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
124 Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127 Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128 Orchard Ranch Solar	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
129 Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131 Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
132 Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 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
142 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
143 Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 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
145 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
146 Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147 Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
148 Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
151 Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 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
153 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
154 Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155 Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 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
164 Simco Solar	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
165 Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166 Staseline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 Staseline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Staseline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169 Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
170 Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171 Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174 Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
175 Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176 Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177 Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178 Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
179 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
180 Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182 Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197 Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Renewable Resources

199 Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
200 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201 Investor Owned Utilities	344	345	345	345	345	345	345	345	344	344	343	344	344	344
202 Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203 Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
204 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205 Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
206 Total	399	399	399	399	399	399	399	399	398	399	398	398	399	399

Table A-11: Regional: Renewable Resources
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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Renewable Resources														
1 3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 American Falls Solar	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
3 American Falls Solar 1	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
4 American Falls Solar 2	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 Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6 City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9 Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 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
17 Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Boise City Solar	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
23 Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
28 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
29 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
30 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
31 Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
33 Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Combine Hills 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 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
40 Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 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
42 Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 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
44 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
45 Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49 Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 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
51 Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52 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
53 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
54 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
55 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
56 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
57 Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58 Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Forest Glen Oaks Dairy	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
61 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Grand View Solar	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	80.0
67 Grand View Solar 1	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
68 Grand View Solar 2	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
69 Grand View Solar 3	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
70 Grand View Solar 4	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
71 Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 H.W. Hill Landfill Gas (Roosevelt)	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73 HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
75 Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 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
80 High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Hopkins Ridge 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 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
88 JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
89 Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 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
92 King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105 Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
114 Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117 Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118 Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 Five Pine Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120 North Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122 Murphy Flat Solar Power	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
123 Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
124 Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127 Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128 Orchard Ranch Solar	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
129 Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131 Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
132 Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 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
142 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
143 Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 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
145 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
146 Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147 Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
148 Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
151 Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 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
153 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
154 Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155 Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 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
164 Simco Solar	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
165 Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166 Staseline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 Staseline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Staseline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169 Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
170 Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171 Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174 Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
175 Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176 Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177 Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178 Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
179 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
180 Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182 Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197 Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Renewable Resources

199 Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
200 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201 Investor Owned Utilities	344	345	345	345	345	345	345	345	344	344	343	344	344	344
202 Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203 Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
204 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205 Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
206 Total	399	399	399	399	399	399	399	399	398	399	398	398	399	399

Table A-11: Regional: Renewable Resources
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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Renewable Resources														
1 3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 American Falls Solar	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
3 American Falls Solar 1	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
4 American Falls Solar 2	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 Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6 City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9 Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 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
17 Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Boise City Solar	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
23 Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
28 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
29 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
30 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
31 Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
33 Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Combine Hills 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 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
40 Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 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
42 Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 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
44 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
45 Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49 Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 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
51 Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52 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
53 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
54 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
55 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
56 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
57 Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58 Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Forest Glen Oaks Dairy	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
61 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Grand View Solar	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	80.0
67 Grand View Solar 1	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
68 Grand View Solar 2	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
69 Grand View Solar 3	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
70 Grand View Solar 4	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
71 Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 H.W. Hill Landfill Gas (Roosevelt)	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73 HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
75 Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 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
80 High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Hopkins Ridge 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 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
88 JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
89 Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 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
92 King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105 Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
114 Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117 Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118 Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 Five Pine Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120 North Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122 Murphy Flat Solar Power	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
123 Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
124 Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127 Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128 Orchard Ranch Solar	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
129 Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131 Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
132 Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 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
142 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
143 Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 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
145 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
146 Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147 Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
148 Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
151 Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 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
153 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
154 Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155 Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 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
164 Simco Solar	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
165 Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166 Staseline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 Staseline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Staseline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169 Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
170 Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171 Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174 Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
175 Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176 Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177 Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178 Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
179 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
180 Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182 Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197 Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Renewable Resources

199 Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
200 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201 Investor Owned Utilities	344	345	345	345	345	345	345	345	344	344	343	344	344	344
202 Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203 Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
204 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205 Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
206 Total	399	399	399	399	399	399	399	399	398	399	398	398	399	399

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Renewable Resources														
1 3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 American Falls Solar	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
3 American Falls Solar 1	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
4 American Falls Solar 2	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 Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6 City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9 Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 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
17 Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Boise City Solar	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
23 Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
28 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
29 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
30 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
31 Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
33 Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Combine Hills 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 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
40 Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 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
42 Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 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
44 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
45 Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49 Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 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
51 Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52 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
53 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
54 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
55 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
56 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
57 Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58 Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Forest Glen Oaks Dairy	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
61 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Grand View Solar	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	80.0
67 Grand View Solar 1	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
68 Grand View Solar 2	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
69 Grand View Solar 3	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
70 Grand View Solar 4	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
71 Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 H.W. Hill Landfill Gas (Roosevelt)	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73 HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
75 Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 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
80 High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Hopkins Ridge 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 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
88 JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
89 Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 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
92 King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105 Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
114 Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2025

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117 Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118 Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 Five Pine Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120 North Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122 Murphy Flat Solar Power	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
123 Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
124 Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127 Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128 Orchard Ranch Solar	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
129 Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131 Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
132 Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 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
142 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
143 Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 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
145 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
146 Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147 Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
148 Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
151 Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 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
153 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
154 Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155 Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 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
164 Simco Solar	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
165 Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166 Stateline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 Stateline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Stateline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169 Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
170 Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171 Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174 Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2025

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
175 Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176 Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177 Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178 Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
179 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
180 Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182 Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197 Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Renewable Resources

199 Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
200 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201 Investor Owned Utilities	344	345	345	345	345	345	345	345	344	344	343	344	344	344
202 Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203 Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
204 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205 Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
206 Total	399	399	399	399	399	399	399	399	398	399	398	398	399	399

Table A-11: Regional: Renewable Resources

Operating Year 2026

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Renewable Resources														
1 3 Bar G Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 American Falls Solar	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
3 American Falls Solar 1	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
4 American Falls Solar 2	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 Ashland Solar Project	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6 City Council	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 N. Mountain Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Police Station	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9 Public Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Bellevue Solar (Amity, OR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Bennett Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 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
13 Big Horn Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Big Horn 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Big Horn 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 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
17 Biglow Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Biglow Canyon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Biglow Canyon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Biglow Canyon 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Black Cap Solar Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Boise City Solar	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
23 Burley Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Camp Reed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Cassia Farms Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Cassia Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Cedar Hills Landfill	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
28 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
29 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
30 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
31 Cold Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Columbia Ridge Landfill	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
33 Combine Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Combine Hills 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Combine Hills 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Condon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Condon 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Condon 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 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
40 Desert Meadow Windfarm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 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
42 Double B Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 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
44 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
45 Echo Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Echo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Echo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Edaleen Cow Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
49 Elkhorn Valley Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 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
51 Farm Power Misty Meadow	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52 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
53 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
54 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
55 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
56 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
57 Foote Creek 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2026

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
58 Foote Creek 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Foote Creek 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Forest Glen Oaks Dairy	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
61 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Fourmile Hill Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Golden Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Goodnoe Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Goshen North (Ridgeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Grand View Solar	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	80.0
67 Grand View Solar 1	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
68 Grand View Solar 2	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
69 Grand View Solar 3	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
70 Grand View Solar 4	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
71 Grayland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 H.W. Hill Landfill Gas (Roosevelt)	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73 HW Hill Landfill Gas 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 HW Hill Landfill Gas 2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
75 Hammett Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Hay Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Healow 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 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
80 High Mesa Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Hopkins Ridge 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Hopkins Ridge 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Horse Butte Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Horseshoe Bend Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Hot Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 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
88 JC-Biomethane	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
89 Josef Staufer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Juniper Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 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
92 King Estate Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Kittitas Valley Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Klondike 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Klondike 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Klondike 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Klondike 3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Knudson Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Lakeview Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Lakeview Solar 363	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Lakeview Solar 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 Leaning Juniper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Leaning Juniper 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Leaning Juniper 2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105 Leaning Juniper 2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 Lewandowski Farms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Lime Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 Linden Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 Livingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Lower Snake Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Lower Snake Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 Tucannon River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 LRI/Graham Landfill - BioFuels	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
114 Mainline Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 Marengo Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Marengo Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2026

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
117 Marengo Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118 Meadow Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 Five Pine Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120 North Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Milner Dam Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122 Murphy Flat Solar Power	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
123 Neal Hot Springs	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
124 Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Nine Canyon Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Nine Canyon Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127 Nine Canyon Wind 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128 Orchard Ranch Solar	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
129 Oregon Trail Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Outback Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131 Paisley Geothermal	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
132 Palouse Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 PaTu Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Paynes Ferry Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 Pebble Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 Pepsi-Cola Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Pepsi-Cola Eugene Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pepsi-Cola Klamath Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 Pepsi-Cola Solar Laeview	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Pilgrim Stage Station Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 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
142 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
143 Power County Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 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
145 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
146 Raft River Geothermal	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147 Raft River Geothermal 1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
148 Raft River Geothermal 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Raft River Geothermal 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Rainier Biogas	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
151 Rattlesnake Road Wind Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 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
153 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
154 Rock River Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155 Rockland wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Ryegrass Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Salmon Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Sawtooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 Shepherds Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 Shepherds Flat - Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 Shepherds Flat - North	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Shepherds Flat - South	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 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
164 Simco Solar	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
165 Star Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166 Staseline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 Staseline-OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Staseline-WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169 Stoltze Biomass	2.90	2.90	2.90	2.90	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	2.90
170 Swager Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171 Swauk Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Thousand Springs Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 Threemile Canyon Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174 Treasure Valley Digester	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-11: Regional: Renewable Resources

Operating Year 2026

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
175 Tuana Gulch Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176 Tuana Springs Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177 Two Ponds Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178 Van Dyk's Holsteins	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
179 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
180 Vansycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Vansycle 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182 Vansycle 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Vantage Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Wheat Field	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 White Bluffs Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 White Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Wild Horse Solar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 Wild Horse Wind 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Wild Horse Wind 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Willow Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Windy Point Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Windy Point 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Windy Point 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Windy Point 2 - Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Wolverine Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197 Yahoo Creek Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Yamhill Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Renewable Resources

199 Cooperative	10.1	10.1	10.1	10.1	9.88	9.88	9.88	9.88	9.88	10.1	10.1	10.1	10.1	10.1
200 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201 Investor Owned Utilities	344	345	345	345	345	345	345	345	344	344	343	344	344	344
202 Marketer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203 Municipality	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
204 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205 Public Utility District	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
206 Total	399	399	399	399	399	399	399	399	398	399	398	398	399	399

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Exhibit 8
Table A-12: Regional Cogeneration Resources

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-12: Regional: Cogeneration Resources
Operating Year 2017
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Cogeneration Resources														
1 Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2 Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3 Cogen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4 Cogen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5 Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6 Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7 Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8 Evergreen Biopower Cogen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9 Ferndale Cogeneration Station	271	271	274	279	283	286	287	284	282	280	280	0	274	271
10 Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11 Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13 Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14 Hampton Lumber Mill (Darrington)	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15 Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17 Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18 Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19 Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20 InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21 Longview Fibre Paper & Packaqi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22 Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23 Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25 Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26 Nippon Paper Cogen (Port Angel)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27 Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28 Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29 Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30 Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31 Potlatch NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32 Potlatch Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33 Rock-Tenn Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
34 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
35 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
36 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
37 Seneca Sawmill Cogen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
38 Sierra Pacific - Aberdeen	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
39 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
40 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
41 SP Newsprint cogen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42 SP Newsprint cogen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43 SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44 Sumas	131	131	133	135	138	139	140	138	137	68.0	68.0	134	133	131
45 Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46 Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47 TESCO - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48 TESCO - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49 Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Vaaen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wah Chang Cogen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52 Warm Springs Cogen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53 Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54 Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55 Weyerhaeuser 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**

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16
57 Direct Service Industry	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1663	1663	1680	1732	1749	1760	1762	1756	1745	1663	1183	1409	1667	1660
60 Marketer	841	841	841	841	841	841	841	841	211	841	841	841	841	841
61 Municipality	130	130	126	134	135	139	139	137	137	132	132	125	120	131
62 Public Utility District	13.5	13.5	14.5	16.5	17.1	18.6	19.3	18.8	18.8	18.3	18.3	16.8	14.4	16.4
63 Total	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708

Table A-12: Regional: Cogeneration Resources

Operating Year 2018

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Cogeneration Resources														
1 Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2 Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3 CoGen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4 CoGen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5 Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6 Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7 Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8 Evergreen Biopower CoGen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9 Ferndale Cogeneration Station	271	271	274	279	283	286	287	284	282	280	280	0	274	271
10 Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11 Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13 Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14 Hampton Lumber Mill (Darrington)	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15 Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17 Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18 Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19 Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20 InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21 Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22 Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23 Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25 Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26 Nippon Paper CoGen (Port Angel)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27 Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28 Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29 Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30 Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31 Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32 Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33 Rock-Tenn Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
34 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
35 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
36 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
37 Seneca Sawmill CoGen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
38 Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
39 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
40 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
41 SP Newsprint coGen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42 SP Newsprint coGen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43 SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44 Sumas	131	131	133	135	138	139	140	138	137	68.0	68.0	134	133	131
45 Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46 Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47 TASC0 - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48 TASC0 - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49 Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Vaaqen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wah Chang CoGen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52 Warm Springs CoGen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53 Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54 Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55 Weyerhaeuser 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**

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16
57 Direct Service Industry	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1663	1663	1680	1732	1749	1760	1762	1756	1745	1663	1183	1409	1667	1660
60 Marketer	841	841	841	841	841	841	841	841	211	841	841	841	841	841
61 Municipality	130	130	126	134	135	139	139	137	137	132	132	125	120	131
62 Public Utility District	13.5	13.5	14.5	16.5	17.1	18.6	19.3	18.8	18.8	18.3	18.3	16.8	14.4	16.4
63 Total	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708

Table A-12: Regional: Cogeneration Resources

Operating Year 2019

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Cogeneration Resources														
1 Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2 Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3 CoGen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4 CoGen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5 Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6 Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7 Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8 Evergreen Biopower CoGen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9 Ferndale Cogeneration Station	271	271	274	279	283	286	287	284	282	280	280	0	274	271
10 Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11 Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13 Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14 Hampton Lumber Mill (Darrington)	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15 Hermiston Generation Project	472	472	472	472	472	472	472	472	472	0	0	472	472	472
16 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17 Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18 Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19 Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20 InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21 Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22 Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23 Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25 Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26 Nippon Paper CoGen (Port Angel)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27 Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28 Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29 Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30 Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31 Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32 Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33 Rock-Tenn Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
34 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
35 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
36 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
37 Seneca Sawmill CoGen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
38 Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
39 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
40 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
41 SP Newsprint coGen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42 SP Newsprint coGen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43 SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44 Sumas	131	131	133	135	138	139	140	138	137	68.0	68.0	134	133	131
45 Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46 Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47 TASC0 - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48 TASC0 - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49 Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Vaaqen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wah Chang CoGen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52 Warm Springs CoGen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53 Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54 Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55 Weyerhaeuser 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

2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	1.50
57 Direct Service Industry	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1663	1663	1680	1732	1749	1760	1762	1756	1745	1191	1183	1409	1667	1660
60 Marketer	841	841	841	841	841	841	841	841	211	841	841	841	841	848
61 Municipality	130	130	126	134	135	139	139	137	137	132	132	125	120	131
62 Public Utility District	13.5	13.5	14.5	16.5	17.1	18.6	19.3	18.8	18.8	18.3	18.3	16.8	14.4	16.4
63 Total	2708	2708	2722	2784	2801	2818	2821	2813	2172	2242	2234	2453	2703	2708

Table A-12: Regional: Cogeneration Resources

Operating Year 2020

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Cogeneration Resources														
1 Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2 Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3 CoGen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4 CoGen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5 Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6 Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7 Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8 Evergreen Biopower CoGen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9 Ferndale Cogeneration Station	271	271	274	279	283	286	287	284	282	280	280	0	274	271
10 Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11 Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13 Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14 Hampton Lumber Mill (Darrington)	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15 Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17 Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18 Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19 Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20 InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21 Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22 Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23 Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25 Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26 Nippon Paper CoGen (Port Angel)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27 Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28 Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29 Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30 Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31 Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32 Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33 Rock-Tenn Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
34 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
35 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
36 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
37 Seneca Sawmill CoGen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
38 Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
39 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
40 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
41 SP Newsprint coGen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42 SP Newsprint coGen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43 SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44 Sumas	131	131	133	135	138	139	140	138	137	68.0	68.0	134	133	131
45 Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46 Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47 TASC0 - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48 TASC0 - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49 Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Vaaqen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wah Chang CoGen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52 Warm Springs CoGen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53 Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54 Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55 Weyerhaeuser 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**

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57 Direct Service Industry	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1663	1663	1680	1732	1749	1760	1762	1756	1745	1663	1183	1409	1667	1660
60 Marketer	848	848	861	867	867	869	869	868	238	863	863	858	855	864
61 Municipality	130	130	113	115	115	117	118	117	117	117	117	115	113	115
62 Public Utility District	13.5	13.5	14.5	16.5	17.1	18.6	19.3	18.8	18.8	18.3	18.3	16.8	14.4	16.4
63 Total	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708

Table A-12: Regional: Cogeneration Resources

Operating Year 2021

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Cogeneration Resources														
1 Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2 Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3 CoGen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4 CoGen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5 Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6 Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7 Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8 Evergreen Biopower CoGen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9 Ferndale Cogeneration Station	271	271	274	279	283	286	287	284	282	280	280	0	274	271
10 Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11 Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13 Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14 Hampton Lumber Mill (Darrington)	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15 Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17 Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18 Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19 Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20 InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21 Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22 Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23 Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25 Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26 Nippon Paper CoGen (Port Angel)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27 Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28 Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29 Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30 Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31 Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32 Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33 Rock-Tenn Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
34 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
35 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
36 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
37 Seneca Sawmill CoGen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
38 Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
39 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
40 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
41 SP Newsprint coGen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42 SP Newsprint coGen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43 SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44 Sumas	131	131	133	135	138	139	140	138	137	68.0	68.0	134	133	131
45 Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46 Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47 TASC0 - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48 TASC0 - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49 Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Vaaqen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wah Chang CoGen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52 Warm Springs CoGen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53 Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54 Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55 Weyerhaeuser 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**

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57 Direct Service Industry	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	66.1	70.0
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1663	1663	1680	1732	1749	1760	1762	1756	1745	1663	1183	1409	1667	1660
60 Marketer	866	866	861	867	867	869	869	868	238	863	863	858	855	864
61 Municipality	112	112	113	115	115	117	118	117	117	117	117	115	106	106
62 Public Utility District	13.5	13.5	14.5	16.5	17.1	18.6	19.3	18.8	18.8	18.3	18.3	16.8	7.30	7.30
63 Total	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708

Table A-12: Regional: Cogeneration Resources

Operating Year 2022

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Cogeneration Resources														
1 Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2 Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3 CoGen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4 CoGen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5 Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6 Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7 Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8 Evergreen Biopower CoGen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9 Ferndale Cogeneration Station	271	271	274	279	283	286	287	284	282	280	280	0	274	271
10 Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11 Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13 Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14 Hampton Lumber Mill (Darrington)	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15 Hermiston Generation Project	472	472	472	472	472	472	472	472	472	0	0	472	472	472
16 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17 Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18 Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19 Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20 InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21 Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22 Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23 Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25 Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26 Nippon Paper CoGen (Port Angel)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27 Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28 Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29 Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30 Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31 Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32 Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33 Rock-Tenn Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
34 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
35 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
36 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
37 Seneca Sawmill CoGen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
38 Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
39 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
40 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
41 SP Newsprint coGen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42 SP Newsprint coGen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43 SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44 Sumas	131	131	133	135	138	139	140	138	137	68.0	68.0	134	133	131
45 Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46 Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47 TASC0 - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48 TASC0 - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49 Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Vaaqen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wah Chang CoGen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52 Warm Springs CoGen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53 Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54 Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55 Weyerhaeuser 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**

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57 Direct Service Industry	64.3	64.3	66.3	70.3	71.5	74.5	75.8	74.9	74.9	73.9	73.9	71.0	66.1	70.0
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1663	1663	1680	1732	1749	1760	1762	1756	1745	1191	1183	1409	1667	1660
60 Marketer	921	921	916	922	922	924	924	923	293	918	918	913	910	919
61 Municipality	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
62 Public Utility District	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30
63 Total	2708	2708	2722	2784	2801	2818	2821	2813	2172	2242	2234	2453	2703	2708

Table A-12: Regional: Cogeneration Resources

Operating Year 2023

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	
Cogeneration Resources															
1 Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	
2 Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	
3 CoGen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	
4 CoGen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50	
5 Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	
6 Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231	
7 Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250	
8 Evergreen Biopower CoGen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
9 Ferndale Cogeneration Station	271	271	274	279	283	286	287	284	282	280	280	0	274	271	
10 Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	
11 Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12 Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1	
13 Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86	
14 Hampton Lumber Mill (Darrington)	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	
15 Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472	
16 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630	
17 Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1	
18 Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19	
19 Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91	
20 InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
21 Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
22 Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
23 Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24 March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145	
25 Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	
26 Nippon Paper CoGen (Port Angel)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	
27 Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	
28 Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	
29 Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	
30 Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	
31 Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	
32 Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	
33 Rock-Tenn Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
34 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	
35 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	
36 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	
37 Seneca Sawmill CoGen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	
38 Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
39 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	
40 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	
41 SP Newsprint coGen	104	104	104	104	104	104	104	104	104	104	104	104	104	104	
42 SP Newsprint coGen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
43 SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	
44 Sumas	131	131	133	135	138	139	140	138	137	68.0	68.0	134	133	131	
45 Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	
46 Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40	
47 TASC0 - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16	
48 TASC0 - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
49 Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50 Vaaqen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
51 Wah Chang CoGen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	
52 Warm Springs CoGen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
53 Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	
54 Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	
55 Weyerhaeuser 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**

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57 Direct Service Industry	64.3	64.3	66.3	70.3	71.5	74.5	75.8	74.9	74.9	73.9	73.9	71.0	66.1	70.0
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1663	1663	1680	1732	1749	1760	1762	1756	1745	1663	1183	1409	1667	1660
60 Marketer	921	921	916	922	922	924	924	923	293	918	918	913	910	919
61 Municipality	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
62 Public Utility District	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30
63 Total	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708

Table A-12: Regional: Cogeneration Resources

Operating Year 2024

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Cogeneration Resources														
1 Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2 Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3 CoGen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4 CoGen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5 Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6 Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7 Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8 Evergreen Biopower CoGen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9 Ferndale Cogeneration Station	271	271	274	279	283	286	287	284	282	280	280	0	274	271
10 Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11 Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13 Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14 Hampton Lumber Mill (Darrington)	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15 Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17 Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18 Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19 Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20 InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21 Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22 Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23 Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25 Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26 Nippon Paper CoGen (Port Angel)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27 Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28 Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29 Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30 Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31 Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32 Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33 Rock-Tenn Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
34 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
35 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
36 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
37 Seneca Sawmill CoGen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
38 Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
39 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
40 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
41 SP Newsprint coGen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42 SP Newsprint coGen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43 SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44 Sumas	131	131	133	135	138	139	140	138	137	68.0	68.0	134	133	131
45 Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46 Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47 TASC0 - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48 TASC0 - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49 Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Vaaqen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wah Chang CoGen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52 Warm Springs CoGen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53 Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54 Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55 Weyerhaeuser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

**Table A-12: Regional: Cogeneration Resources
Operating Year 2024**

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57 Direct Service Industry	64.3	64.3	66.3	70.3	71.5	74.5	75.8	74.9	74.9	73.9	73.9	71.0	66.1	70.0
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1663	1663	1680	1732	1749	1760	1762	1756	1745	1663	1183	1409	1667	1660
60 Marketer	921	921	916	922	922	924	924	923	293	918	918	913	910	919
61 Municipality	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
62 Public Utility District	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30
63 Total	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708

**Table A-12: Regional: Cogeneration Resources
Operating Year 2025**

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Cogeneration Resources														
1 Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2 Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3 CoGen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4 CoGen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5 Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6 Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7 Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8 Evergreen Biopower CoGen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9 Ferndale Cogeneration Station	271	271	274	279	283	286	287	284	282	280	280	0	274	271
10 Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11 Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13 Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14 Hampton Lumber Mill (Darrington)	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15 Hermiston Generation Project	472	472	472	472	472	472	472	472	472	0	0	472	472	472
16 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17 Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18 Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19 Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20 InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21 Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22 Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23 Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25 Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26 Nippon Paper CoGen (Port Angel)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27 Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28 Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29 Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30 Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31 Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32 Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33 Rock-Tenn Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
34 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
35 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
36 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
37 Seneca Sawmill CoGen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
38 Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
39 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
40 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
41 SP Newsprint coGen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42 SP Newsprint coGen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43 SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44 Sumas	131	131	133	135	138	139	140	138	137	68.0	68.0	134	133	131
45 Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46 Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47 TASC0 - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48 TASC0 - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49 Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Vaaqen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wah Chang CoGen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52 Warm Springs CoGen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53 Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54 Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55 Weyerhaeuser Longview 1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7

**Table A-12: Regional: Cogeneration Resources
Operating Year 2025**

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57 Direct Service Industry	64.3	64.3	66.3	70.3	71.5	74.5	75.8	74.9	74.9	73.9	73.9	71.0	66.1	70.0
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1663	1663	1680	1732	1749	1760	1762	1756	1745	1191	1183	1409	1667	1660
60 Marketer	921	921	916	922	922	924	924	923	293	918	918	913	910	919
61 Municipality	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
62 Public Utility District	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30
63 Total	2708	2708	2722	2784	2801	2818	2821	2813	2172	2242	2234	2453	2703	2708

Table A-12: Regional: Cogeneration Resources

Operating Year 2026

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Cogeneration Resources														
1 Biomass One	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
2 Boise Cascade Medford	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
3 CoGen Co	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
4 CoGen Co 2	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	0	7.50	7.50	7.50
5 Cosmopolis Specialty Fibres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
6 Coyote Springs	231	231	239	247	254	258	259	256	252	248	248	243	237	231
7 Coyote Springs 2	251	251	257	292	296	299	301	299	295	291	291	258	252	250
8 Evergreen Biopower CoGen	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9 Ferndale Cogeneration Station	271	271	274	279	283	286	287	284	282	280	280	0	274	271
10 Georgia-Pacific (Toledo)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
11 Georgia-Pacific Paper (Camas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Georgia-Pacific Paper (Wauna)	12.4	12.4	14.4	18.4	19.6	22.6	24.0	23.0	23.0	22.0	22.0	19.1	14.2	18.1
13 Haleywest L.L.C	4.54	4.54	4.15	4.58	4.39	4.41	3.96	4.02	4.19	3.73	3.73	4.24	4.29	3.86
14 Hampton Lumber Mill (Darrington)	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
15 Hermiston Generation Project	472	472	472	472	472	472	472	472	472	472	0	472	472	472
16 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
17 Intenational Paper Energy Cente	18.1	18.1	13.1	19.4	19.1	21.6	21.0	19.9	20.4	15.0	15.0	10.0	7.00	16.1
18 Intenational Paper Energy Center 2	6.96	6.96	5.04	7.46	7.35	8.31	8.08	7.65	7.85	5.77	5.77	3.85	2.69	6.19
19 Intenational Paper Energy Center 1	11.1	11.1	8.06	11.9	11.8	13.3	12.9	12.2	12.6	9.23	9.23	6.15	4.31	9.91
20 InterFor Pacific - Gilchrist	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
21 Longview Fibre Paper & Packagi	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
22 Longview Fibre Paper & Packaging 1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
23 Longview Fibre Paper & Packaging 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 March Point Cogeneration	145	145	145	145	145	145	145	145	145	145	145	145	145	145
25 Metro West Point	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
26 Nippon Paper CoGen (Port Angel)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
27 Port Townsend Mill	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
28 Port Townsend Mill 1	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
29 Port Townsend Mill 2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30 Potlatch	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
31 Potlach NG 1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
32 Potlach Wood Waste 1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
33 Rock-Tenn Tacoma Kraft CoGen	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
34 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
35 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
36 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
37 Seneca Sawmill CoGen	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
38 Sierra Pacific - Abberdeen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
39 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
40 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
41 SP Newsprint coGen	104	104	104	104	104	104	104	104	104	104	104	104	104	104
42 SP Newsprint coGen 1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
43 SP Newsprint Wood Waste	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
44 Sumas	131	131	133	135	138	139	140	138	137	68.0	68.0	134	133	131
45 Sumas Compressor Station	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
46 Tamarack	4.53	4.53	4.45	3.60	4.09	4.00	3.86	3.93	3.49	3.42	3.42	3.11	3.99	4.40
47 TASC0 - Nampa	0.20	0.20	0.16	0.06	0	0	0	0.02	0.04	0.03	0.03	0	0.05	0.16
48 TASC0 - Twin Falls	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
49 Thompson River Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Vaaqen Bros.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wah Chang CoGen	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
52 Warm Springs CoGen	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
53 Weyerhaeuser Longview	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
54 Weyerhaeuser Longview 2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55 Weyerhaeuser 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 2026**

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Cogeneration Resources														
56 Cooperative	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
57 Direct Service Industry	64.3	64.3	66.3	70.3	71.5	74.5	75.8	74.9	74.9	73.9	73.9	71.0	66.1	70.0
58 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Investor Owned Utilities	1663	1663	1680	1732	1749	1760	1762	1756	1745	1663	1183	1409	1667	1660
60 Marketer	921	921	916	922	922	924	924	923	293	918	918	913	910	919
61 Municipality	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
62 Public Utility District	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30
63 Total	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708

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Exhibit 9
Table A-13: Regional Large Thermal Resources

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-13: Regional: Large Thermal Resources

Operating Year 2017

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

**Table A-13: Regional: Large Thermal Resources
Operating Year 2018**

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

**Table A-13: Regional: Large Thermal Resources
Operating Year 2019**

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-13: Regional: Large Thermal Resources

Operating Year 2020

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-13: Regional: Large Thermal Resources

Operating Year 2021

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-13: Regional: Large Thermal Resources

Operating Year 2022

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-13: Regional: Large Thermal Resources

Operating Year 2023

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-13: Regional: Large Thermal Resources

Operating Year 2024

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-13: Regional: Large Thermal Resources

Operating Year 2025

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-13: Regional: Large Thermal Resources

Operating Year 2026

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Large Thermal Resources														
1 Boardman	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Centralia Complex	670	670	670	670	670	0	0	0	0	0	0	0	0	0
3 Centralia 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Centralia 2	670	670	670	670	670	0	0	0	0	0	0	0	0	0
5 Colstrip	1565	1565	1565	1565	1565	1565	1565	1565	1565	1047	1047	1412	1412	1565
6 Colstrip 1	154	154	154	154	154	154	154	154	154	154	154	154	154	154
7 Colstrip 2	154	154	154	154	154	154	154	154	154	154	154	0	0	154
8 Colstrip 3	518	518	518	518	518	518	518	518	518	0	0	518	518	518
9 Colstrip 4	740	740	740	740	740	740	740	740	740	740	740	740	740	740
10 Columbia Generating Station	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
11 Jim Bridger	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
12 Jim Bridger #1	530	530	530	530	530	530	530	530	530	530	530	530	530	530
13 Jim Bridger #2	530	530	530	530	530	530	530	530	530	530	530	530	530	530
14 Jim Bridger #3	530	530	530	530	530	530	530	530	530	530	530	530	530	530
15 Jim Bridger #4	530	530	530	530	530	530	530	530	530	530	530	530	530	530
16 Valmy	134	134	134	134	134	134	0	0	0	0	0	0	0	0
17 North Valmy 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 North Valmy 2	134	134	134	134	134	134	0	0	0	0	0	0	0	0
Total Large Thermal Resources														
19 Federal Entities	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
20 Investor Owned Utilities	4198	4198	4198	4198	4198	3819	3685	3685	3685	3167	3167	3532	3532	3685
21 Marketer	290	290	290	290	290	0	0	0	0	0	0	0	0	0
22 Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 Total	5609	5609	5609	5609	5609	4939	4805	4805	4805	4287	4287	4652	4652	4805

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

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2017

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2018

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2019

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2020

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2021

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2022

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2023

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2024

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2025

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	
Small Thermal & Miscellaneous															
1 Bangor Submarine Base	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	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	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	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	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	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	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	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	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	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	5.00
12 Spokane MSW	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
13 West Boise Waste	0.12	0.12	0.13	0.12	0.13	0.12	0.12	0.14	0.12	0.13	0.13	0.12	0.13	0.12	0.12
Total Small Thermal & Miscellaneous															
14 Federal Entities	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
15 Investor Owned Utilities	59.4	59.7	58.8	58.9	59.2	60.3	60.7	60.4	59.0	59.1	58.8	61.0	58.8	58.1	
16 Municipality	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17 Public Utility District	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
18 Total	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5	

Table A-14: Regional: Small Thermal & Miscellaneous

Operating Year 2026

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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

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

Monthly Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

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

Operating Year: 2017

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

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

Operating Year: 2018

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

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

Operating Year: 2019

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

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

Operating Year: 2020

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

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

Operating Year: 2021

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

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

Operating Year: 2022

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

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

Operating Year: 2023

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

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

Operating Year: 2024

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

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

Operating Year: 2025

2015 White Book Report Date: **6/30/2015**

S129-WB-20151029-154000

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

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

Operating Year: 2026

2015 White Book Report Date: **6/30/2015**

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120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
1 CHPD to BPA CEAEA for Rock Island	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2 CHPD to BPA CEAEA for Rocky Reach	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
3 DOPD to BPA CEAEA for Wells	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
4 GCPD to BPA CEAEA for Priest Rapids	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
5 GCPD to BPA CEAEA for Wanpum	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
6 Total Imports From PNW	239	239	239	239	239	239	239	239	239	239	239	239	239	239
Total Imports														
7 Federal Entities	2392	2392	2392	2394	2391	2390	2392	2392	2392	2390	2390	2390	2390	2390
8 Total Imports	2392	2392	2392	2394	2391	2390	2392	2392	2392	2390	2390	2390	2390	2390

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Section 2: Monthly 120-Hour Capacity Operating Year 2017 to 2026

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Exhibit 12
Federal Report Surplus Deficit

Monthly 120-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Loads and Resources - Federal System
Operating Year: 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
1 Load Following	4240	4016	3703	3640	4182	4708	4667	4401	3953	4048	4045	3830	4022	4368
2 Preference Customers	4164	4164	3900	4143	4777	5393	5357	5062	4571	4350	4350	3987	3979	4268
3 Federal Agencies	133	133	126	148	179	207	208	196	188	168	168	150	139	144
4 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
5 Federal Diversity	-676	-900	-856	-1072	-1032	-1228	-1170	-1162	-1209	-933	-937	-869	-698	-686
6 Tier 1 Block	2.56	2.56	5.29	10.2	46.2	40.6	57.1	55.9	47.8	3.10	3.10	0	0	11.4
7 Tier 1 Block	2.56	2.56	5.29	10.2	46.2	40.6	57.1	55.9	47.8	3.10	3.10	0	0	11.4
8 Slice	3873	3349	3391	3518	4563	4769	4461	4290	4266	3504	3312	4183	3765	3731
9 Slice Block	1570	1570	1638	1667	2053	2283	2313	2137	1988	1676	1676	1481	1390	1614
10 Slice Output from T1 System	2304	1780	1754	1851	2510	2486	2148	2153	2278	1828	1636	2702	2375	2117
11 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
12 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
13 Contract Deliveries	1595	1595	1426	1405	1681	1674	1673	1672	1549	1568	1568	1427	1448	1460
14 Exports	1569	1569	1400	1379	1368	1361	1360	1359	1383	1402	1402	1401	1422	1434
15 Intra-Regional Transfers (Out)	26.2	26.2	26.2	26.2	313	313	313	313	166	166	166	26.2	26.2	26.2
16 Total Firm Obligations	9804	9057	8618	8666	10566	11286	10952	10512	9909	9217	9022	9534	9328	9663
Net Resources														
17 Hydro Resources	11296	9209	8864	9167	11533	11554	10144	10177	10694	9210	8449	13828	12579	10459
18 Regulated Hydro - Net	10824	8742	8322	8747	11133	11273	9894	9953	10326	8600	7827	13064	11776	9939
19 Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
20 Small Hydro - Net	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
21 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0.01	0.01	1120
22 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
25 Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
26 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Contract Purchases	496	484	602	656	668	661	659	651	672	621	616	498	643	488
28 Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
29 Intra-Regional Transfers (In)	124	124	243	245	242	237	242	234	252	261	261	117	270	122
30 Non-Federal CER	241	241	241	241	240	238	239	239	239	240	240	240	240	240
31 Slice Transmission Loss Return	55.4	42.8	42.2	44.5	60.3	59.8	51.7	51.8	54.8	43.9	39.3	65.0	57.1	50.9
32 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 Reserves & Losses	-1980	-1850	-1825	-1868	-2049	-2074	-1989	-1973	-1988	-1861	-1813	-2094	-2020	-1933
34 Contingency Reserves (Spinning)	-349	-318	-309	-325	-377	-390	-371	-362	-360	-321	-310	-383	-364	-339
35 Contingency Reserves (Non-Spinning)	-349	-318	-309	-325	-377	-390	-371	-362	-360	-321	-310	-383	-364	-339
36 Load Following Reserves	-584	-584	-585	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
37 Generation Imbalance Reserves	-316	-316	-315	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
38 Transmission Losses	-382	-314	-306	-317	-394	-394	-348	-349	-367	-318	-293	-428	-392	-355
39 Total Net Resources	10933	8963	8761	9075	11272	11260	9934	9975	10498	9090	8372	12233	11202	10134
40 Total Surplus/Deficit	1,129	-94	143	409	706	-25	-1,018	-537	588	-127	-650	2,698	1,874	471

Loads and Resources - Federal System
Operating Year: 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
41 Load Following	4271	4008	3729	3660	4204	4736	4678	4422	4042	4089	4059	3781	3932	4367
42 Preference Customers	4192	4192	3923	4167	4792	5397	5419	5110	4641	4393	4393	4030	4024	4316
43 Federal Agencies	137	137	130	152	181	210	203	194	188	171	171	153	142	147
44 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
45 Federal Diversity	-677	-940	-855	-1078	-1029	-1207	-1215	-1187	-1189	-939	-969	-964	-836	-738
46 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
47 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
48 Slice	3909	3385	3438	3512	4578	4774	4450	4295	4260	3412	3183	4375	4087	3698
49 Slice Block	1608	1608	1678	1661	2045	2274	2303	2128	1979	1670	1670	1476	1385	1607
50 Slice Output from T1 System	2300	1777	1760	1851	2534	2500	2148	2167	2280	1743	1514	2899	2702	2091
51 Direst Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
52 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
53 Contract Deliveries	1597	1597	1438	1412	1547	1539	1537	1537	1484	1505	1505	1435	1454	1476
54 Exports	1571	1571	1412	1386	1374	1366	1363	1363	1388	1409	1409	1409	1427	1449
55 Intra-Regional Transfers (Out)	26.2	26.2	26.2	26.2	173	173	173	173	96.2	96.2	96.2	26.2	26.2	26.2
56 Total Firm Obligations	9881	9095	8722	8688	10469	11182	10816	10403	9927	9103	8844	9685	9566	9644
Net Resources														
57 Hydro Resources	11296	9212	8907	9212	11641	11614	10142	10236	10691	8913	7998	13504	12784	10418
58 Regulated Hydro - Net	10824	8745	8366	8792	11242	11334	9892	10013	10323	8303	7376	12740	11980	9898
59 Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
60 Small Hydro - Net	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
61 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
62 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
65 Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
66 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Contract Purchases	502	490	608	679	675	669	667	659	680	624	618	508	656	493
68 Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
69 Intra-Regional Transfers (In)	131	131	250	268	249	244	249	241	259	268	268	124	277	129
70 Non-Federal CER	240	240	240	241	239	239	240	240	240	238	238	238	238	238
71 Slice Transmission Loss Return	55.3	42.7	42.3	44.5	60.9	60.1	51.6	52.1	54.8	41.9	36.4	69.7	65.0	50.3
72 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73 Reserves & Losses	-1982	-1853	-1830	-1874	-2058	-2080	-1992	-1981	-1992	-1864	-1807	-2096	-2074	-1934
74 Contingency Reserves (Spinning)	-350	-320	-311	-327	-380	-392	-372	-365	-362	-328	-315	-370	-369	-340
75 Contingency Reserves (Non-Spinning)	-350	-320	-311	-327	-380	-392	-372	-365	-362	-328	-315	-370	-369	-340
76 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
77 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
78 Transmission Losses	-383	-314	-308	-320	-398	-396	-348	-351	-367	-308	-277	-456	-437	-353
79 Total Net Resources	10936	8969	8806	9137	11378	11323	9936	10035	10499	8792	7929	13036	12485	10097
80 Total Surplus/Deficit	1,056	-126	84	449	909	141	-880	-368	572	-311	-915	3,351	2,919	452

Loads and Resources - Federal System
Operating Year: 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
81 Load Following	4219	4104	3758	3659	4246	4706	4694	4465	4062	4125	4065	3798	3992	4414
82 Preference Customers	4242	4242	3962	4205	4835	5443	5434	5126	4653	4403	4403	4040	4034	4328
83 Federal Agencies	140	140	132	155	189	214	204	192	188	172	172	154	152	165
84 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
85 Federal Diversity	-782	-898	-869	-1121	-1037	-1288	-1217	-1157	-1181	-913	-973	-957	-796	-721
86 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
87 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
88 Slice	3889	3376	3434	3536	4613	4807	4486	4327	4273	3434	3207	4083	3766	3710
89 Slice Block	1601	1601	1671	1681	2070	2302	2331	2154	2004	1690	1690	1495	1403	1627
90 Slice Output from T1 System	2288	1775	1763	1854	2543	2505	2155	2173	2270	1744	1516	2588	2363	2083
91 Direst Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
92 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
93 Contract Deliveries	1597	1597	1443	1412	1547	1539	1537	1537	1434	1421	1421	1351	1351	1375
94 Exports	1571	1571	1417	1386	1374	1366	1363	1363	1338	1324	1324	1324	1324	1348
95 Intra-Regional Transfers (Out)	26.2	26.2	26.2	26.2	173	173	173	173	96.2	96.2	96.2	26.2	26.2	26.2
96 Total Firm Obligations	9809	9181	8752	8711	10545	11185	10867	10478	9911	9076	8789	9325	9202	9603
Net Resources														
97 Hydro Resources	11293	9241	8953	9227	11680	11635	10169	10259	10647	8915	8006	13417	12581	10390
98 Regulated Hydro - Net	10821	8774	8411	8807	11281	11355	9919	10035	10279	8305	7383	12653	11778	9871
99 Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
100 Small Hydro - Net	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
101 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0.01	0.01	1120
102 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
105 Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
106 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Contract Purchases	507	495	473	525	539	534	531	524	515	452	446	472	467	460
108 Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
109 Intra-Regional Transfers (In)	138	138	117	116	113	108	113	105	94.8	94.8	94.8	94.8	94.8	94.8
110 Non-Federal CER	238	238	238	239	239	240	240	240	240	239	239	239	239	239
111 Slice Transmission Loss Return	55.0	42.7	42.4	44.6	61.2	60.2	51.8	52.3	54.6	41.9	36.5	62.2	56.8	50.1
112 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 Reserves & Losses	-1985	-1858	-1831	-1873	-2059	-2080	-1991	-1979	-1985	-1860	-1804	-2053	-2019	-1933
114 Contingency Reserves (Spinning)	-351	-322	-313	-329	-382	-394	-374	-366	-363	-329	-316	-370	-367	-341
115 Contingency Reserves (Non-Spinning)	-351	-322	-313	-329	-382	-394	-374	-366	-363	-329	-316	-370	-367	-341
116 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
117 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
118 Transmission Losses	-383	-315	-305	-315	-395	-392	-344	-347	-360	-302	-272	-414	-386	-351
119 Total Net Resources	10934	8998	8715	9000	11280	11210	9828	9924	10297	8626	7768	11836	11029	10037
120 Total Surplus/Deficit	1,125	-183	-37	289	735	24	-1,039	-555	386	-450	-1,020	2,511	1,827	434

Loads and Resources - Federal System
Operating Year: 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
121 Load Following	4296	4098	3783	3684	4281	4748	4700	4414	4056	4117	4029	3847	4007	4411
122 Preference Customers	4254	4254	3973	4242	4874	5485	5477	5140	4693	4442	4442	4080	4077	4372
123 Federal Agencies	156	156	152	174	200	231	224	213	200	182	182	169	167	172
124 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
125 Federal Diversity	-733	-930	-873	-1152	-1052	-1303	-1273	-1244	-1239	-971	-1059	-964	-839	-774
126 Tier 1 Block	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
127 Tier 1 Block	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
128 Slice	3902	3396	3455	3531	4641	4831	4505	4274	4281	3448	3212	4390	4122	3697
129 Slice Block	1621	1621	1691	1669	2055	2285	2314	2065	1990	1678	1678	1484	1393	1615
130 Slice Output from T1 System	2282	1775	1765	1861	2586	2546	2191	2209	2292	1769	1534	2907	2729	2082
131 Direst Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
132 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
133 Contract Deliveries	1488	1488	1351	1351	1358	1358	1358	1358	1351	1351	1351	1351	1351	1375
134 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
135 Intra-Regional Transfers (Out)	26.2	26.2	26.2	26.2	33.2	33.2	33.2	33.2	26.2	26.2	26.2	26.2	26.2	26.2
136 Total Firm Obligations	9790	9086	8706	8670	10421	11072	10716	10194	9831	9012	8689	9681	9572	9588
Net Resources														
137 Hydro Resources	11270	9244	8961	9249	11697	11644	10161	10247	10656	8937	7995	13533	12885	10381
138 Regulated Hydro - Net	10798	8777	8419	8829	11297	11363	9911	10023	10288	8327	7372	12769	12082	9861
139 Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
140 Small Hydro - Net	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
141 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
142 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
145 Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0	0	0
146 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147 Contract Purchases	465	452	452	427	444	443	434	435	437	374	369	402	397	382
148 Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
149 Intra-Regional Transfers (In)	94.8	94.8	94.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
150 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
151 Slice Transmission Loss Return	54.9	42.7	42.4	44.8	62.2	61.2	52.7	53.1	55.1	42.5	36.9	69.9	65.6	50.1
152 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153 Reserves & Losses	-1985	-1859	-1833	-1873	-2059	-2080	-1990	-1977	-1985	-1861	-1802	-2098	-2076	-1932
154 Contingency Reserves (Spinning)	-352	-323	-314	-331	-383	-395	-375	-367	-364	-331	-317	-372	-372	-342
155 Contingency Reserves (Non-Spinning)	-352	-323	-314	-331	-383	-395	-375	-367	-364	-331	-317	-372	-372	-342
156 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
157 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
158 Transmission Losses	-380	-313	-304	-312	-392	-389	-340	-344	-358	-300	-269	-453	-431	-348
159 Total Net Resources	10870	8957	8700	8923	11202	11127	9726	9825	10228	8570	7681	12956	12327	9950
160 Total Surplus/Deficit	1,080	-129	-6	253	781	55	-990	-370	397	-442	-1,007	3,275	2,755	363

Loads and Resources - Federal System
Operating Year: 2021 Water Year: 1937
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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
161 Load Following	4372	4034	3755	3700	4272	4745	4782	4508	4053	4178	4016	3883	3974	4388
162 Preference Customers	4297	4297	4013	4252	4886	5498	5495	5185	4708	4458	4458	4096	4095	4392
163 Federal Agencies	162	162	154	172	202	224	237	227	219	195	195	176	166	174
164 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
165 Federal Diversity	-705	-1044	-943	-1143	-1074	-1314	-1223	-1209	-1277	-939	-1100	-950	-889	-820
166 Tier 1 Block	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
167 Tier 1 Block	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
168 Slice	3902	3391	3445	3569	4681	4868	4587	4402	4323	3487	3248	4093	3760	3731
169 Slice Block	1609	1609	1679	1703	2097	2332	2362	2182	2030	1713	1713	1515	1421	1648
170 Slice Output from T1 System	2293	1782	1765	1866	2584	2536	2225	2220	2293	1775	1536	2579	2339	2083
171 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
172 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
173 Contract Deliveries	1488	1488	1351	1351	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
174 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
175 Intra-Regional Transfers (Out)	26.2	26.2	26.2	26.2	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
176 Total Firm Obligations	9867	9018	8668	8723	10434	11087	10861	10400	9851	9096	8695	9404	9161	9581
Net Resources														
177 Hydro Resources	11310	9267	8959	9272	11694	11588	10281	10276	10646	8943	7987	13372	12462	10364
178 Regulated Hydro - Net	10838	8800	8417	8851	11295	11307	10031	10052	10278	8333	7365	12608	11659	9844
179 Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
180 Small Hydro - Net	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
181 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
182 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
185 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Contract Purchases	387	375	374	410	427	426	419	418	420	358	352	377	371	290
188 Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	1.00
189 Intra-Regional Transfers (In)	16.8	16.8	16.8	0	0	0	0	0	0	0	0	0	0	0
190 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
191 Slice Transmission Loss Return	55.1	42.9	42.5	44.9	62.1	61.0	53.5	53.4	55.1	42.7	36.9	62.0	56.2	50.1
192 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Reserves & Losses	-1986	-1860	-1832	-1876	-2060	-2058	-1979	-1961	-1966	-1843	-1783	-2042	-1992	-1910
194 Contingency Reserves (Spinning)	-354	-324	-315	-332	-384	-385	-367	-358	-354	-321	-307	-366	-356	-332
195 Contingency Reserves (Non-Spinning)	-354	-324	-315	-332	-384	-385	-367	-358	-354	-321	-307	-366	-356	-332
196 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
197 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
198 Transmission Losses	-379	-311	-302	-312	-391	-387	-344	-345	-358	-300	-269	-410	-379	-345
199 Total Net Resources	10831	8902	8622	8926	11181	11075	9841	9853	10220	8578	7676	11707	10841	9864
200 Total Surplus/Deficit	964	-116	-46	202	747	-12	-1,020	-547	369	-518	-1,019	2,303	1,680	283

Loads and Resources - Federal System
Operating Year: 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
201 Load Following	4356	4019	3760	3732	4273	4776	4792	4501	4055	4183	3998	3880	3968	4379
202 Preference Customers	4317	4317	4029	4267	4903	5519	5510	5195	4720	4468	4468	4105	4104	4402
203 Federal Agencies	163	163	156	174	213	235	238	228	220	201	201	185	171	174
204 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
205 Federal Diversity	-743	-1079	-957	-1128	-1102	-1313	-1229	-1226	-1287	-950	-1134	-973	-910	-839
206 Tier 1 Block	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
207 Tier 1 Block	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
208 Slice	3931	3425	3479	3548	4636	4840	4537	4357	4277	3453	3211	4392	4115	3702
209 Slice Block	1642	1642	1713	1667	2053	2283	2312	2136	1987	1676	1676	1483	1391	1613
210 Slice Output from T1 System	2290	1783	1766	1881	2584	2557	2225	2221	2290	1777	1535	2910	2723	2089
211 Direst Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
212 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
213 Contract Deliveries	1471	1471	1334	1334	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
214 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
215 Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
216 Total Firm Obligations	9863	9020	8690	8718	10391	11092	10822	10350	9808	9067	8640	9699	9509	9543
Net Resources														
217 Hydro Resources	11278	9248	8943	9304	11665	11669	10277	10275	10626	8936	7969	13546	12842	10388
218 Regulated Hydro - Net	10806	8781	8401	8897	11282	11410	10049	10072	10273	8336	7357	12789	12048	9880
219 Independent Hydro - Net	469	464	539	403	378	254	223	199	349	596	608	753	789	504
220 Small Hydro - Net	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
221 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
222 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
223 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
224 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
225 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
227 Contract Purchases	295	283	282	285	302	301	294	293	295	283	277	310	305	290
228 Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
229 Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
231 Slice Transmission Loss Return	55.1	42.9	42.5	45.2	62.1	61.5	53.4	53.4	55.1	42.7	36.9	70.0	65.5	50.2
232 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
233 Reserves & Losses	-1963	-1834	-1809	-1855	-2036	-2061	-1977	-1959	-1963	-1833	-1772	-2100	-2054	-1913
234 Contingency Reserves (Spinning)	-344	-313	-305	-323	-375	-387	-369	-359	-355	-318	-303	-375	-363	-334
235 Contingency Reserves (Non-Spinning)	-344	-313	-305	-323	-375	-387	-369	-359	-355	-318	-303	-375	-363	-334
236 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
237 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
238 Transmission Losses	-375	-308	-299	-310	-387	-386	-340	-340	-353	-298	-266	-450	-427	-346
239 Total Net Resources	10730	8818	8537	8854	11051	11030	9713	9729	10079	8506	7594	12877	12214	9884
240 Total Surplus/Deficit	867	-203	-153	136	660	-62	-1,108	-620	271	-560	-1,046	3,177	2,705	341

Loads and Resources - Federal System
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 Obligations														
241 Load Following	4304	3941	3766	3736	4286	4801	4815	4512	4058	4181	4045	3884	3971	4386
242 Preference Customers	4329	4329	4038	4273	4912	5530	5523	5208	4730	4476	4476	4113	4111	4412
243 Federal Agencies	166	166	163	189	214	236	239	226	221	202	202	184	172	174
244 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
245 Federal Diversity	-810	-1172	-967	-1146	-1099	-1301	-1219	-1227	-1295	-961	-1097	-975	-914	-842
246 Tier 1 Block	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
247 Tier 1 Block	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
248 Slice	3888	3384	3441	3586	4680	4895	4587	4398	4329	3494	3256	4089	3783	3737
249 Slice Block	1607	1607	1677	1705	2099	2335	2364	2185	2032	1715	1715	1517	1423	1650
250 Slice Output from T1 System	2280	1777	1764	1880	2581	2560	2223	2213	2297	1780	1542	2572	2360	2088
251 Direst Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
252 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
253 Contract Deliveries	1471	1471	1334	1334	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
254 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
255 Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
256 Total Firm Obligations	9767	8901	8658	8760	10449	11171	10896	10402	9864	9106	8732	9400	9180	9586
Net Resources														
257 Hydro Resources	11244	9228	8937	9309	11660	11684	10274	10249	10662	8954	8003	13358	12549	10388
258 Regulated Hydro - Net	10781	8770	8405	8902	11277	11425	10046	10045	10308	8354	7391	12600	11755	9881
259 Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
260 Small Hydro - Net	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
261 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
262 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
263 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
264 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
265 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
266 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
267 Contract Purchases	295	283	282	285	302	302	293	293	295	283	277	302	297	290
268 Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
269 Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
270 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
271 Slice Transmission Loss Return	54.8	42.7	42.4	45.2	62.1	61.6	53.5	53.2	55.2	42.8	37.1	61.9	56.7	50.2
272 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
273 Reserves & Losses	-1963	-1838	-1811	-1857	-2038	-2063	-1979	-1959	-1967	-1836	-1776	-2052	-1999	-1915
274 Contingency Reserves (Spinning)	-344	-315	-306	-324	-376	-389	-370	-360	-357	-319	-305	-373	-360	-335
275 Contingency Reserves (Non-Spinning)	-344	-315	-306	-324	-376	-389	-370	-360	-357	-319	-305	-373	-360	-335
276 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
277 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
278 Transmission Losses	-374	-308	-298	-310	-386	-386	-340	-339	-354	-298	-267	-406	-379	-346
279 Total Net Resources	10696	8793	8528	8857	11045	11042	9709	9703	10110	8521	7624	11608	10846	9883
280 Total Surplus/Deficit	928	-108	-130	97	596	-129	-1,188	-699	247	-585	-1,108	2,208	1,666	297

Loads and Resources - Federal System
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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
281 Load Following	4321	3962	3793	3749	4303	4850	4824	4446	4092	4131	4050	3911	4006	4377
282 Preference Customers	4338	4338	4045	4288	4930	5550	5541	5196	4744	4489	4489	4125	4123	4426
283 Federal Agencies	167	167	163	187	214	236	240	229	221	202	202	185	172	175
284 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
285 Federal Diversity	-802	-1161	-948	-1146	-1100	-1272	-1229	-1284	-1276	-1024	-1105	-961	-892	-866
286 Tier 1 Block	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
287 Tier 1 Block	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
288 Slice	3923	3420	3481	3540	4633	4841	4515	4268	4274	3446	3208	4374	4129	3688
289 Slice Block	1644	1644	1715	1661	2044	2274	2303	2055	1979	1670	1670	1478	1386	1607
290 Slice Output from T1 System	2279	1776	1766	1879	2589	2567	2211	2213	2295	1776	1538	2897	2743	2081
291 Direst Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
292 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
293 Contract Deliveries	1471	1471	1334	1334	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
294 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
295 Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
296 Total Firm Obligations	9820	8958	8725	8727	10417	11166	10830	10202	9840	9007	8689	9713	9561	9528
Net Resources														
297 Hydro Resources	11245	9232	8952	9302	11689	11710	10225	10246	10650	8946	7996	13488	12922	10361
298 Regulated Hydro - Net	10783	8775	8421	8895	11307	11451	9997	10043	10297	8346	7384	12730	12129	9854
299 Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
300 Small Hydro - Net	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
301 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
302 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
303 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
304 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
305 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
306 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
307 Contract Purchases	295	283	282	285	302	302	293	293	295	283	277	310	306	290
308 Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
309 Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
310 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
311 Slice Transmission Loss Return	54.8	42.7	42.5	45.2	62.2	61.7	53.2	53.2	55.2	42.7	37.0	69.7	65.9	50.0
312 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
313 Reserves & Losses	-1965	-1840	-1814	-1859	-2041	-2067	-1978	-1960	-1968	-1846	-1787	-2090	-2062	-1915
314 Contingency Reserves (Spinning)	-345	-316	-307	-325	-377	-390	-370	-361	-357	-324	-310	-371	-366	-335
315 Contingency Reserves (Non-Spinning)	-345	-316	-307	-325	-377	-390	-370	-361	-357	-324	-310	-371	-366	-335
316 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
317 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
318 Transmission Losses	-374	-308	-299	-310	-387	-387	-338	-339	-353	-297	-266	-449	-430	-345
319 Total Net Resources	10695	8795	8541	8848	11071	11064	9661	9699	10098	8503	7607	12827	12286	9856
320 Total Surplus/Deficit	875	-164	-184	122	653	-102	-1,170	-503	258	-505	-1,082	3,115	2,725	328

Loads and Resources - Federal System
Operating Year: 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000 1

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
321 Load Following	4281	4054	3837	3746	4345	4829	4835	4586	4108	4135	4080	3922	4021	4368
322 Preference Customers	4351	4351	4057	4308	4953	5575	5566	5249	4766	4509	4509	4145	4143	4448
323 Federal Agencies	167	167	164	188	215	237	241	231	222	203	203	185	173	175
324 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
325 Federal Diversity	-856	-1083	-916	-1170	-1082	-1320	-1245	-1198	-1283	-1042	-1096	-970	-897	-897
326 Tier 1 Block	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
327 Tier 1 Block	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
328 Slice	3881	3381	3443	3582	4697	4914	4607	4422	4329	3499	3261	4097	3805	3737
329 Slice Block	1601	1601	1670	1713	2108	2345	2375	2194	2040	1722	1722	1524	1430	1657
330 Slice Output from T1 System	2280	1780	1773	1869	2590	2568	2232	2228	2289	1777	1539	2572	2376	2080
331 Direst Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
332 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
333 Contract Deliveries	1471	1471	1334	1334	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
334 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
335 Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
336 Total Firm Obligations	9738	9010	8731	8765	10523	11217	10934	10498	9912	9064	8772	9446	9253	9567
Net Resources														
337 Hydro Resources	11246	9240	8976	9269	11700	11723	10317	10312	10633	8956	8005	13352	12617	10362
338 Regulated Hydro - Net	10783	8783	8444	8862	11317	11464	10089	10109	10279	8356	7393	12595	11823	9855
339 Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
340 Small Hydro - Net	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
341 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
342 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
343 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
344 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
345 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
346 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
347 Contract Purchases	295	283	283	285	302	302	294	294	295	283	277	302	297	290
348 Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
349 Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
351 Slice Transmission Loss Return	54.8	42.8	42.6	44.9	62.3	61.8	53.7	53.6	55.0	42.7	37.0	61.9	57.1	50.0
352 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
353 Reserves & Losses	-1967	-1839	-1817	-1858	-2043	-2069	-1985	-1966	-1968	-1848	-1789	-2044	-2006	-1917
354 Contingency Reserves (Spinning)	-346	-316	-309	-325	-378	-391	-372	-363	-358	-325	-311	-369	-362	-336
355 Contingency Reserves (Non-Spinning)	-346	-316	-309	-325	-378	-391	-372	-363	-358	-325	-311	-369	-362	-336
356 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
357 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
358 Transmission Losses	-374	-308	-300	-308	-388	-387	-341	-341	-353	-298	-266	-406	-382	-345
359 Total Net Resources	10694	8804	8561	8816	11079	11075	9746	9760	10080	8511	7614	11609	10907	9855
360 Total Surplus/Deficit	956	-206	-169	51	557	-142	-1,188	-739	169	-553	-1,158	2,163	1,655	288

Loads and Resources - Federal System
Operating Year: 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000 1

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
361 Load Following	4330	4077	3848	3771	4396	4821	4856	4610	4127	4142	4088	3968	4012	4380
362 Preference Customers	4372	4372	4076	4330	4978	5602	5593	5272	4790	4531	4531	4166	4164	4471
363 Federal Agencies	168	168	164	189	216	238	242	231	223	204	204	186	173	176
364 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
365 Federal Diversity	-829	-1082	-925	-1168	-1057	-1356	-1251	-1197	-1288	-1057	-1110	-946	-927	-909
366 Tier 1 Block	11.7	11.7	24.2	10.1	45.8	40.3	56.7	55.5	47.5	3.08	3.08	0	0	11.3
367 Tier 1 Block	11.7	11.7	24.2	10.1	45.8	40.3	56.7	55.5	47.5	3.08	3.08	0	0	11.3
368 Slice	3931	3434	3489	3536	4627	4835	4508	4335	4267	3441	3203	4373	4126	3684
369 Slice Block	1651	1651	1721	1653	2035	2265	2294	2119	1970	1662	1662	1473	1380	1600
370 Slice Output from T1 System	2280	1783	1768	1882	2592	2570	2214	2216	2298	1779	1541	2900	2746	2084
371 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
372 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
373 Contract Deliveries	1471	1471	1334	1334	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
374 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
375 Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
376 Total Firm Obligations	9836	9087	8788	8744	10504	11130	10855	10434	9869	9014	8722	9768	9565	9526
Net Resources														
377 Hydro Resources	11253	9264	8963	9304	11692	11692	10208	10229	10633	8929	7979	13480	12905	10344
378 Regulated Hydro - Net	10791	8806	8432	8897	11309	11434	9980	10026	10279	8328	7366	12723	12111	9836
379 Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
380 Small Hydro - Net	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
381 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
382 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
383 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
384 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
385 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
386 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
387 Contract Purchases	295	283	283	285	302	302	293	293	295	283	277	310	306	290
388 Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
389 Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
390 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
391 Slice Transmission Loss Return	54.8	42.9	42.5	45.3	62.3	61.8	53.2	53.3	55.2	42.8	37.1	69.7	66.0	50.1
392 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
393 Reserves & Losses	-1969	-1845	-1817	-1861	-2044	-2050	-1960	-1944	-1950	-1828	-1769	-2082	-2045	-1898
394 Contingency Reserves (Spinning)	-347	-318	-309	-326	-378	-381	-361	-352	-348	-315	-302	-367	-357	-327
395 Contingency Reserves (Non-Spinning)	-347	-318	-309	-326	-378	-381	-361	-352	-348	-315	-302	-367	-357	-327
396 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
397 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
398 Transmission Losses	-374	-309	-299	-310	-387	-387	-338	-339	-353	-297	-266	-449	-430	-345
399 Total Net Resources	10699	8822	8549	8848	11071	11064	9661	9699	10098	8503	7607	12828	12286	9856
400 Total Surplus/Deficit	863	-265	-240	104	567	-66	-1,195	-735	229	-511	-1,116	3,059	2,721	330

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Exhibit 13
Regional Report Surplus Deficit

Monthly 120-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Loads and Resources - Pacific Northwest Region

Operating Year: 2017 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
1 Retail Loads	29684	29460	26319	26712	30045	32812	33341	31202	28660	27109	27105	25433	28470	30659
2 Federal Agency	145	145	138	160	187	215	216	204	196	180	180	162	151	156
3 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
4 Cooperative	2713	2713	2499	2513	2862	3240	3200	3017	2720	2657	2657	2576	2633	2811
5 Municipality	3293	3293	3125	3609	4131	4393	4475	4242	3893	3625	3625	3104	3139	3382
6 Public Utility District	5566	5566	5321	5888	6752	7345	7446	6996	6493	6106	6106	5506	5391	5657
7 Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973
8 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
10 Federal Diversity	-676	-900	-856	-1072	-1032	-1228	-1170	-1162	-1209	-933	-937	-869	-698	-686
11 Exports	2092	2092	1922	1560	1512	1502	1500	1500	1527	1546	1554	1493	1944	1956
12 Canada	1445	1445	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1331
13 East Continental Divide	22.2	22.2	17.5	16.9	18.4	19.7	20.4	19.7	19.1	17.6	17.6	16.6	18.7	6.80
14 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Pacific Southwest	625	625	598	236	186	175	173	173	201	221	229	170	619	619
16 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Total Regional Loads	31775	31552	28241	28272	31556	34314	34841	32701	30186	28655	28659	26926	30415	32616
Regional Resources														
18 Hydro Resources	22404	20186	19350	19775	22434	22596	21085	20742	21301	19651	18901	25020	24432	21850
19 Regulated Hydro - Net	20512	18297	17457	18034	20792	21040	19590	19328	19587	17534	16766	22579	21929	19769
20 Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
21 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	464	455
22 Other Resources	16613	16614	16683	16823	16991	17177	17190	17136	16444	15754	14219	13915	14996	16715
23 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
24 Combustion Turbine Resources	6530	6530	6586	6664	6814	6882	6892	6846	6798	6754	5699	5840	6092	6533
25 Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	5798	5798	5132	5712	6986
26 Renewable Resources	299	299	299	299	299	399	399	399	398	399	398	398	399	399
27 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
28 Imports	960	960	845	837	1115	1238	1213	1245	946	767	767	796	1029	1105
29 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
30 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Inland Southwest	739	739	624	565	563	643	587	586	562	533	533	574	808	884
32 Pacific Southwest	75.0	75.0	75.0	125	450	471	471	471	171	87.0	87.0	75.0	75.0	75.0
33 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Reserves & Losses	-4064	-3926	-3785	-3841	-4109	-4215	-4135	-4052	-3962	-3782	-3639	-3973	-4107	-4067
35 Contingency Reserves (Non-Spinning)	-954	-921	-863	-883	-967	-1014	-999	-963	-924	-874	-840	-911	-968	-961
36 Contingency Reserves (Spinning)	-954	-921	-863	-883	-967	-1014	-999	-963	-924	-874	-840	-911	-968	-961
37 Generation Imbalance Reserves	-316	-316	-315	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
38 Load Following Reserves	-584	-584	-585	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
39 Transmission Losses	-1256	-1184	-1158	-1175	-1274	-1287	-1237	-1227	-1215	-1133	-1058	-1251	-1272	-1245
40 Total Regional Resources	35913	33834	33094	33594	36431	36795	35352	35071	34729	32391	30249	35758	36350	35603
41 Total Surplus/Deficit	4138	2282	4852	5322	4874	2481	511	2369	4543	3736	1590	8832	5935	2988

Loads and Resources - Pacific Northwest Region

Operating Year: 2018 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
42 Retail Loads	30202	29939	26730	27060	30411	33221	33748	31597	29091	27481	27451	25709	28777	31087
43 Federal Agency	149	149	141	164	189	218	211	202	196	183	183	165	154	159
44 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
45 Cooperative	2734	2734	2518	2542	2893	3273	3233	3046	2751	2687	2687	2606	2663	2842
46 Municipality	3360	3360	3170	3633	4156	4418	4531	4296	3948	3680	3680	3151	3185	3429
47 Public Utility District	5634	5634	5387	5961	6809	7402	7535	7079	6589	6177	6177	5578	5469	5738
48 Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292
49 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
50 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
51 Federal Diversity	-677	-940	-855	-1078	-1029	-1207	-1215	-1187	-1189	-939	-969	-964	-836	-738
52 Exports	2073	2073	1914	1547	1497	1489	1487	1487	1511	1532	1540	1480	1868	1890
53 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
54 East Continental Divide	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
55 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56 Pacific Southwest	604	604	583	216	166	158	156	156	180	201	209	149	536	534
57 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Total Regional Loads	32274	32012	28644	28608	31908	34709	35235	33083	30602	29013	28991	27189	30644	32976
Regional Resources														
59 Hydro Resources	22404	20189	19393	19821	22543	22657	21082	20802	21299	19354	18450	24696	24636	21809
60 Regulated Hydro - Net	20512	18300	17500	18079	20901	21101	19588	19387	19585	17236	16315	22255	22133	19728
61 Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
62 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	464	455
63 Other Resources	16713	16714	16783	16923	17091	17177	17190	17136	16444	16942	15407	14519	16116	16715
64 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
65 Combustion Turbine Resources	6530	6530	6586	6664	6814	6882	6892	6846	6798	6754	5699	5840	6092	6533
66 Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6986	6986	5736	6832	6986
67 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
68 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
69 Imports	968	968	849	841	1118	1242	1216	1248	949	770	770	800	1038	1114
70 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
71 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 Inland Southwest	747	747	628	569	566	647	590	589	565	536	536	578	817	893
73 Pacific Southwest	75.0	75.0	75.0	125	450	471	471	471	171	87.0	87.0	75.0	75.0	75.0
74 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Reserves & Losses	-4082	-3945	-3802	-3857	-4130	-4230	-4148	-4068	-3974	-3833	-3681	-3965	-4170	-4078
76 Contingency Reserves (Non-Spinning)	-961	-929	-870	-889	-974	-1020	-1006	-970	-930	-885	-849	-902	-977	-967
77 Contingency Reserves (Spinning)	-961	-929	-870	-889	-974	-1020	-1006	-970	-930	-885	-849	-902	-977	-967
78 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
79 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
80 Transmission Losses	-1259	-1187	-1162	-1180	-1281	-1289	-1236	-1229	-1215	-1163	-1083	-1261	-1316	-1244
81 Total Regional Resources	36003	33926	33223	33727	36622	36845	35340	35118	34719	33233	30947	36050	37620	35560
82 Total Surplus/Deficit	3729	1914	4579	5120	4714	2136	105	2034	4116	4220	1956	8861	6975	2584

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
83 Retail Loads	30566	30451	27093	27367	30781	33544	34112	31968	29419	27809	27749	26001	29185	31516
84 Federal Agency	152	152	144	167	197	222	212	200	196	184	184	166	164	177
85 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
86 Cooperative	2764	2764	2548	2572	2924	3306	3266	3079	2782	2717	2717	2636	2693	2872
87 Municipality	3406	3406	3216	3686	4211	4475	4557	4321	3973	3704	3704	3167	3201	3446
88 Public Utility District	5705	5705	5447	6018	6870	7468	7588	7127	6633	6222	6222	5619	5514	5784
89 Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592
90 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
91 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
92 Federal Diversity	-782	-898	-869	-1121	-1037	-1288	-1217	-1157	-1181	-913	-973	-957	-796	-721
93 Exports	2011	2011	1857	1517	1491	1483	1481	1481	1455	1442	1450	1390	1759	1783
94 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
95 East Continental Divide	6.80	6.80	6.80	6.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
96 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Pacific Southwest	543	543	526	186	166	158	156	156	130	116	124	64.7	433	433
98 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Total Regional Loads	32577	32462	28951	28885	32272	35027	35593	33449	30874	29250	29198	27391	30943	33299
Regional Resources														
100 Hydro Resources	22401	20218	19438	19836	22581	22678	21109	20825	21257	19356	18463	24612	24434	21780
101 Regulated Hydro - Net	20508	18328	17545	18094	20940	21122	19615	19410	19540	17239	16323	22169	21931	19700
102 Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
103 Small Hydro - Net	384	382	311	227	174	162	157	169	210	325	331	451	464	453
104 Other Resources	16713	16714	16787	16927	17095	17181	17190	17136	16444	15730	14667	13399	15149	16715
105 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2242	2234	2453	2703	2708
106 Combustion Turbine Resources	6530	6530	6590	6668	6818	6886	6892	6846	6798	6754	5699	5840	6092	6533
107 Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6246	6246	4616	5866	6986
108 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
109 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
110 Imports	976	976	853	845	1096	1199	1174	1206	907	762	762	804	1047	1124
111 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
112 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 Inland Southwest	755	755	632	573	569	650	594	593	569	540	540	582	826	903
114 Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	75.0
115 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Reserves & Losses	-4096	-3960	-3816	-3868	-4142	-4241	-4159	-4077	-3979	-3787	-3665	-3930	-4136	-4088
117 Contingency Reserves (Non-Spinning)	-968	-936	-876	-894	-980	-1027	-1012	-975	-934	-883	-854	-905	-979	-973
118 Contingency Reserves (Spinning)	-968	-936	-876	-894	-980	-1027	-1012	-975	-934	-883	-854	-905	-979	-973
119 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
120 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
121 Transmission Losses	-1259	-1188	-1164	-1180	-1281	-1288	-1235	-1227	-1211	-1122	-1057	-1220	-1277	-1243
122 Total Regional Resources	35994	33948	33262	33739	36631	36816	35314	35089	34630	32062	30227	34885	36495	35531
123 Total Surplus/Deficit	3417	1486	4312	4855	4358	1790	-278	1640	3756	2812	1029	7494	5551	2232

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
124 Retail Loads	31020	30823	27417	27661	31108	33913	34439	32221	29691	28070	27982	26300	29526	31873
125 Federal Agency	168	168	164	186	208	239	232	221	208	194	194	181	179	184
126 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
127 Cooperative	2795	2795	2577	2607	2961	3344	3304	3094	2818	2754	2754	2674	2733	2914
128 Municipality	3423	3423	3233	3710	4235	4501	4583	4344	3998	3729	3729	3184	3218	3464
129 Public Utility District	5750	5750	5489	6058	6915	7518	7634	7169	6671	6260	6260	5654	5553	5824
130 Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896
131 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
132 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
133 Federal Diversity	-733	-930	-873	-1152	-1052	-1303	-1273	-1244	-1239	-971	-1059	-964	-839	-774
134 Exports	1896	1896	1759	1450	1442	1442	1442	1442	1442	1442	1450	1390	1759	1783
135 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
136 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
137 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pacific Southwest	433	433	433	124	116	116	116	116	116	116	124	64.7	433	433
139 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Total Regional Loads	32916	32718	29176	29111	32550	35355	35881	33663	31133	29511	29432	27690	31285	33656
Regional Resources														
141 Hydro Resources	22378	20219	19442	19856	22597	22686	21102	20812	21263	19378	18447	24725	24738	21772
142 Regulated Hydro - Net	20486	18331	17554	18116	20956	21130	19607	19398	19549	17261	16312	22284	22235	19691
143 Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
144 Small Hydro - Net	384	380	307	225	173	162	157	169	207	325	327	448	464	455
145 Other Resources	16713	16714	16787	16924	17093	17181	17190	17136	16444	16424	14889	14365	16116	16715
146 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
147 Combustion Turbine Resources	6530	6530	6590	6666	6816	6886	6892	6846	6798	6754	5699	5840	6092	6533
148 Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6468	6468	5582	6832	6986
149 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
150 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
151 Imports	984	984	857	848	1099	1202	1177	1209	910	765	765	807	1056	1134
152 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
153 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Inland Southwest	763	763	636	576	572	653	597	596	572	543	543	585	835	913
155 Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	75.0
156 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Reserves & Losses	-4106	-3972	-3826	-3879	-4153	-4252	-4169	-4086	-3988	-3834	-3680	-3978	-4198	-4100
158 Contingency Reserves (Non-Spinning)	-974	-942	-881	-899	-986	-1032	-1017	-980	-938	-895	-858	-911	-989	-979
159 Contingency Reserves (Spinning)	-974	-942	-881	-899	-986	-1032	-1017	-980	-938	-895	-858	-911	-989	-979
160 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
161 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
162 Transmission Losses	-1258	-1187	-1164	-1181	-1282	-1288	-1235	-1227	-1211	-1145	-1064	-1257	-1319	-1243
163 Total Regional Resources	35969	33945	33261	33749	36636	36816	35299	35071	34629	32733	30421	35918	37712	35521
164 Total Surplus/Deficit	3053	1227	4085	4639	4086	1461	-582	1408	3496	3222	990	8229	6427	1866

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
165 Retail Loads	31449	31110	27666	28023	31468	34306	34925	32697	30054	28478	28316	26672	29902	32288
166 Federal Agency	173	173	165	184	210	232	245	235	227	207	207	188	178	186
167 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
168 Cooperative	2835	2835	2615	2646	3000	3384	3345	3158	2858	2794	2794	2715	2777	2958
169 Municipality	3441	3441	3250	3735	4261	4527	4609	4373	4023	3753	3753	3200	3234	3481
170 Public Utility District	5790	5790	5525	6093	6956	7563	7682	7219	6717	6307	6307	5697	5599	5873
171 Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199
172 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
173 Direct-Service Industry	459	459	459	504	505	505	505	505	505	505	505	504	504	504
174 Federal Diversity	-705	-1044	-943	-1143	-1074	-1314	-1223	-1209	-1277	-939	-1100	-950	-889	-820
175 Exports	1896	1896	1759	1450	1442	1442	1442	1442	1442	1442	1450	1390	1759	1783
176 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
177 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
178 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179 Pacific Southwest	433	433	433	124	116	116	116	116	116	116	124	64.7	433	433
180 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Total Regional Loads	33344	33006	29425	29473	32910	35748	36367	34139	31496	29920	29766	28062	31661	34071
Regional Resources														
182 Hydro Resources	22418	20244	19445	19880	22595	22630	21142	20761	21174	19304	18359	24484	24235	21755
183 Regulated Hydro - Net	20526	18355	17552	18139	20954	21074	19727	19426	19540	17266	16304	22123	21812	19674
184 Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1258	1166	1427	1712	1728	1913	1959	1627
185 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	464	455
186 Other Resources	16713	16714	16787	16924	17093	16511	15940	15886	15194	15692	14157	13064	13746	15465
187 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
188 Combustion Turbine Resources	6530	6530	6590	6666	6816	6886	6892	6846	6798	6754	5699	5840	6092	6533
189 Large Thermal Resources	6986	6986	6986	6986	6986	6316	5736	5736	5736	5736	5736	4281	4462	5736
190 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
191 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
192 Imports	992	992	861	852	1102	1206	1180	1212	914	769	769	811	1064	1068
193 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
194 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Inland Southwest	771	771	640	580	575	657	600	599	576	547	547	589	843	922
196 Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	0
197 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Reserves & Losses	-4120	-3985	-3835	-3890	-4164	-4219	-4106	-4018	-3916	-3780	-3625	-3920	-4063	-4032
199 Contingency Reserves (Non-Spinning)	-980	-948	-886	-905	-991	-1028	-1005	-967	-925	-880	-844	-908	-970	-967
200 Contingency Reserves (Spinning)	-980	-948	-886	-905	-991	-1028	-1005	-967	-925	-880	-844	-908	-970	-967
201 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
202 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
203 Transmission Losses	-1259	-1188	-1163	-1181	-1281	-1264	-1195	-1184	-1167	-1119	-1038	-1205	-1224	-1198
204 Total Regional Resources	36004	33965	33258	33766	36627	36127	34155	33841	33366	31985	29661	34438	34981	34257
205 Total Surplus/Deficit	2659	959	3833	4294	3717	379	-2211	-298	1870	2066	-105	6376	3320	185

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
206 Retail Loads	31869	31533	28033	28359	31793	34685	35294	33029	30376	28789	28605	26958	30261	32684
207 Federal Agency	175	175	167	186	221	243	246	236	228	213	213	197	183	186
208 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
209 Cooperative	2879	2879	2656	2687	3042	3428	3388	3197	2899	2835	2835	2755	2817	2999
210 Municipality	3458	3458	3266	3759	4286	4553	4635	4398	4048	3777	3777	3216	3251	3498
211 Public Utility District	5838	5838	5570	6134	7002	7613	7733	7261	6756	6349	6349	5734	5643	5919
212 Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510
213 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
214 Direct-Service Industry	504	504	504	504	505	505	505	505	505	505	505	504	504	504
215 Federal Diversity	-743	-1079	-957	-1128	-1102	-1313	-1229	-1226	-1287	-950	-1134	-973	-910	-839
216 Exports	1530	1530	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
217 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
218 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
219 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
220 Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
221 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
222 Total Regional Loads	33399	33063	29426	29753	33178	36070	36680	34414	31761	30174	29998	28291	31654	34101
Regional Resources														
223 Hydro Resources	22386	20226	19419	19846	22503	22653	21159	20781	21168	19307	18351	24665	24624	21792
224 Regulated Hydro - Net	20493	18336	17536	18185	20942	21177	19745	19447	19534	17270	16296	22304	22201	19710
225 Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
226 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	464	455
227 Other Resources	15463	15464	15537	15674	15843	15931	15813	15759	15067	14018	12955	14392	14892	15338
228 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2242	2234	2453	2703	2708
229 Combustion Turbine Resources	6530	6530	6590	6666	6816	6886	6892	6846	6798	6754	5699	5840	6092	6533
230 Large Thermal Resources	5736	5736	5736	5736	5736	5736	5609	5609	5609	4534	4534	5609	5609	5609
231 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
232 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
233 Imports	925	925	790	731	980	1085	1059	1091	793	697	697	740	998	1078
234 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
235 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
236 Inland Southwest	779	779	644	584	578	661	604	603	580	550	550	593	852	932
237 Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
238 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
239 Reserves & Losses	-4051	-3913	-3764	-3815	-4086	-4190	-4109	-4020	-3917	-3707	-3581	-3992	-4135	-4042
240 Contingency Reserves (Non-Spinning)	-968	-935	-873	-890	-976	-1025	-1011	-972	-929	-873	-843	-920	-981	-973
241 Contingency Reserves (Spinning)	-968	-935	-873	-890	-976	-1025	-1011	-972	-929	-873	-843	-920	-981	-973
242 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
243 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
244 Transmission Losses	-1215	-1144	-1119	-1135	-1233	-1241	-1187	-1176	-1158	-1061	-994	-1253	-1273	-1195
245 Total Regional Resources	34723	32701	31983	32436	35240	35478	33922	33610	33112	30316	28423	35805	36380	34166
246 Total Surplus/Deficit	1324	-362	2557	2684	2062	-592	-2758	-804	1351	141	-1575	7513	4726	65.3

Loads and Resources - Pacific Northwest Region

Operating Year: 2023 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
247 Retail Loads	32213	31851	28358	28715	32179	35107	35726	33422	30747	29136	29000	27305	30681	33145
248 Federal Agency	178	178	175	200	222	244	247	234	229	214	214	196	184	186
249 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
250 Cooperative	2920	2920	2696	2727	3084	3471	3431	3241	2940	2875	2875	2795	2857	3040
251 Municipality	3475	3475	3283	3783	4311	4579	4662	4424	4073	3802	3802	3233	3268	3516
252 Public Utility District	5884	5884	5612	6172	7044	7660	7780	7305	6797	6388	6388	5771	5687	5966
253 Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823
254 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
255 Direct-Service Industry	504	504	504	549	550	550	550	550	550	550	550	549	549	549
256 Federal Diversity	-810	-1172	-967	-1146	-1099	-1301	-1219	-1227	-1295	-961	-1097	-975	-914	-842
257 Exports	1530	1530	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
258 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
259 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
260 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
261 Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
262 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
263 Total Regional Loads	33743	33381	29751	30108	33564	36493	37111	34807	32132	30521	30393	28639	32074	34562
Regional Resources														
264 Hydro Resources	22361	20215	19423	19851	22498	22668	21156	20755	21204	19325	18385	24476	24331	21792
265 Regulated Hydro - Net	20469	18325	17540	18189	20936	21192	19742	19420	19570	17287	16330	22115	21908	19711
266 Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
267 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	463	455
268 Other Resources	15336	15337	15356	15495	15663	15748	15757	15703	15012	14657	13177	13091	13565	15284
269 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
270 Combustion Turbine Resources	6530	6530	6536	6613	6763	6830	6836	6790	6742	6699	5699	5813	6039	6479
271 Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	4756	4756	4335	4335	5609
272 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
273 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
274 Imports	934	934	794	735	983	1089	1062	1094	796	701	701	744	1007	1088
275 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
276 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
277 Inland Southwest	788	788	648	588	581	665	607	606	583	554	554	597	861	942
278 Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
279 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
280 Reserves & Losses	-4057	-3923	-3768	-3820	-4090	-4197	-4119	-4028	-3928	-3754	-3601	-3946	-4084	-4053
281 Contingency Reserves (Non-Spinning)	-974	-942	-878	-896	-982	-1031	-1017	-978	-935	-886	-849	-922	-983	-980
282 Contingency Reserves (Spinning)	-974	-942	-878	-896	-982	-1031	-1017	-978	-935	-886	-849	-922	-983	-980
283 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
284 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
285 Transmission Losses	-1210	-1139	-1113	-1129	-1226	-1235	-1184	-1173	-1157	-1082	-1003	-1202	-1218	-1193
286 Total Regional Resources	34575	32562	31806	32261	35054	35308	33856	33524	33084	30930	28663	34365	34819	34112
287 Total Surplus/Deficit	832	-818	2055	2153	1490	-1185	-3255	-1284	952	409	-1730	5726	2745	-451

Loads and Resources - Pacific Northwest Region

Operating Year: 2024 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
288 Retail Loads	32667	32308	28742	29017	32510	35496	36083	33680	31094	29372	29291	27608	31074	33528
289 Federal Agency	178	178	175	199	223	244	248	237	229	214	214	197	184	187
290 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
291 Cooperative	2961	2961	2735	2762	3121	3510	3470	3254	2977	2910	2910	2830	2892	3076
292 Municipality	3494	3494	3300	3808	4337	4606	4687	4446	4098	3826	3826	3249	3284	3533
293 Public Utility District	5921	5921	5647	6203	7080	7699	7821	7342	6831	6420	6420	5802	5723	6005
294 Investor-Owned Utility	19482	19482	16487	15956	17775	19558	19999	18565	17018	15746	15746	15113	18467	20137
295 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
296 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
297 Federal Diversity	-802	-1161	-948	-1146	-1100	-1272	-1229	-1284	-1276	-1024	-1105	-961	-892	-866
298 Exports	1530	1530	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
299 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
300 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
301 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
302 Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
303 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
304 Total Regional Loads	34197	33838	30135	30410	33895	36881	37468	35065	32479	30757	30684	28941	32468	34945
Regional Resources														
305 Hydro Resources	22363	20219	19439	19844	22527	22694	21108	20752	21192	19317	18378	24607	24704	21765
306 Regulated Hydro - Net	20471	18329	17555	18182	20966	21218	19693	19418	19558	17280	16323	22246	22282	19683
307 Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
308 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	463	455
309 Other Resources	15283	15283	15356	15493	15660	15748	15757	15703	15012	15510	14030	14030	14685	15284
310 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
311 Combustion Turbine Resources	6477	6477	6536	6611	6760	6830	6836	6790	6742	6699	5699	5813	6039	6479
312 Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	5609	5609	5274	5455	5609
313 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
314 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
315 Imports	942	942	799	739	986	1093	1065	1098	800	705	705	748	1016	1097
316 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
317 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
318 Inland Southwest	796	796	653	592	584	669	610	610	587	558	558	601	870	951
319 Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
320 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
321 Reserves & Losses	-4068	-3935	-3779	-3828	-4101	-4209	-4126	-4037	-3937	-3800	-3647	-3985	-4156	-4063
322 Contingency Reserves (Non-Spinning)	-980	-949	-883	-900	-987	-1037	-1022	-982	-940	-895	-858	-923	-994	-986
323 Contingency Reserves (Spinning)	-980	-949	-883	-900	-987	-1037	-1022	-982	-940	-895	-858	-923	-994	-986
324 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
325 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
326 Transmission Losses	-1208	-1137	-1113	-1128	-1227	-1236	-1183	-1172	-1157	-1110	-1031	-1238	-1268	-1192
327 Total Regional Resources	34520	32510	31815	32247	35073	35325	33803	33516	33067	31733	29467	35399	36249	34083
328 Total Surplus/Deficit	323	-1328	1680	1837	1177	-1555	-3665	-1549	588	975	-1218	6458	3782	-862

Loads and Resources - Pacific Northwest Region

Operating Year: 2025 Water Year: 1937

2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
329 Retail Loads	33013	32786	29088	29280	32839	35788	36414	34118	31385	29635	29580	27869	31424	33887
330 Federal Agency	179	179	176	200	223	245	249	239	230	215	215	197	185	187
331 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
332 Cooperative	2997	2997	2770	2783	3143	3533	3493	3302	2998	2931	2931	2851	2912	3098
333 Municipality	3511	3511	3317	3832	4363	4632	4713	4475	4123	3850	3850	3265	3300	3550
334 Public Utility District	5955	5955	5679	6231	7111	7732	7854	7374	6860	6448	6448	5830	5757	6039
335 Investor-Owned Utility	19795	19795	16717	16170	18008	19815	20262	18808	17240	15953	15953	15319	18751	20454
336 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
337 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
338 Federal Diversity	-856	-1083	-916	-1170	-1082	-1320	-1245	-1198	-1283	-1042	-1096	-970	-897	-897
339 Exports	1530	1530	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
340 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
341 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
342 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
343 Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
344 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
345 Total Regional Loads	34543	34316	30481	30673	34224	37173	37799	35503	32770	31020	30973	29202	32817	35304
Regional Resources														
346 Hydro Resources	22364	20227	19462	19811	22538	22707	21200	20819	21175	19327	18387	24471	24399	21766
347 Regulated Hydro - Net	20471	18337	17579	18149	20976	21231	19785	19484	19541	17290	16332	22110	21976	19685
348 Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
349 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	463	455
350 Other Resources	15283	15283	15356	15493	15660	15748	15757	15703	15012	14298	13290	12910	13719	15284
351 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2242	2234	2453	2703	2708
352 Combustion Turbine Resources	6477	6477	6536	6611	6760	6830	6836	6790	6742	6699	5699	5813	6039	6479
353 Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	4869	4869	4154	4489	5609
354 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
355 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
356 Imports	950	950	803	742	990	1097	1068	1101	804	708	708	751	1025	1107
357 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
358 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
359 Inland Southwest	804	804	657	595	588	673	613	613	591	561	561	604	879	961
360 Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
361 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
362 Reserves & Losses	-4080	-3944	-3790	-3835	-4111	-4219	-4127	-4036	-3929	-3739	-3616	-3932	-4100	-4061
363 Contingency Reserves (Non-Spinning)	-986	-953	-888	-904	-992	-1042	-1021	-980	-936	-884	-855	-918	-987	-984
364 Contingency Reserves (Spinning)	-986	-953	-888	-904	-992	-1042	-1021	-980	-936	-884	-855	-918	-987	-984
365 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
366 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
367 Transmission Losses	-1207	-1138	-1114	-1127	-1227	-1236	-1186	-1175	-1157	-1070	-1006	-1196	-1226	-1193
368 Total Regional Resources	34517	32517	31832	32211	35077	35332	33897	33587	33062	30595	28770	34200	35042	34097
369 Total Surplus/Deficit	-26.3	-1799	1351	1538	853	-1841	-3901	-1917	291	-425	-2204	4998	2225	-1207

Loads and Resources - Pacific Northwest Region

Operating Year: 2026 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
370 Retail Loads	33423	33170	29377	29570	33182	36091	36759	34440	31688	29906	29852	28169	31755	34275
371 Federal Agency	180	180	176	200	224	246	250	239	231	216	216	198	185	188
372 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
373 Cooperative	3017	3017	2789	2803	3165	3556	3516	3321	3019	2951	2951	2871	2931	3119
374 Municipality	3528	3528	3333	3856	4388	4657	4739	4500	4147	3874	3874	3281	3317	3568
375 Public Utility District	5989	5989	5707	6256	7139	7762	7883	7402	6886	6473	6473	5854	5790	6073
376 Investor-Owned Utility	20105	20105	16950	16388	18250	20074	20535	19056	17475	16170	16170	15535	19043	20781
377 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
378 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
379 Federal Diversity	-829	-1082	-925	-1168	-1057	-1356	-1251	-1197	-1288	-1057	-1110	-946	-927	-909
380 Exports	1530	1530	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
381 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
382 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
383 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
384 Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
385 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
386 Total Regional Loads	34953	34700	30770	30963	34567	37476	38145	35825	33073	31291	31246	29502	33148	35692
Regional Resources														
387 Hydro Resources	22371	20251	19450	19846	22530	22676	21090	20735	21175	19300	18361	24599	24687	21748
388 Regulated Hydro - Net	20478	18361	17567	18184	20968	21200	19676	19401	19541	17262	16305	22238	22264	19666
389 Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
390 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	463	455
391 Other Resources	15283	15283	15356	15493	15660	15078	14953	14900	14208	14189	12709	13408	13882	14481
392 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
393 Combustion Turbine Resources	6477	6477	6536	6611	6760	6830	6836	6790	6742	6699	5699	5813	6039	6479
394 Large Thermal Resources	5609	5609	5609	5609	5609	4939	4805	4805	4805	4287	4287	4652	4652	4805
395 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
396 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
397 Imports	958	958	808	746	993	1100	1071	1104	808	712	712	755	1035	1117
398 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
399 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400 Inland Southwest	812	812	662	599	591	676	616	616	595	565	565	608	889	971
401 Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
402 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
403 Reserves & Losses	-4077	-3946	-3783	-3830	-4105	-4170	-4077	-3987	-3885	-3730	-3577	-3948	-4108	-4019
404 Contingency Reserves (Non-Spinning)	-985	-953	-885	-901	-989	-1029	-1011	-970	-927	-882	-845	-915	-983	-976
405 Contingency Reserves (Spinning)	-985	-953	-885	-901	-989	-1029	-1011	-970	-927	-882	-845	-915	-983	-976
406 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
407 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
408 Transmission Losses	-1208	-1139	-1114	-1128	-1227	-1213	-1156	-1146	-1130	-1066	-987	-1218	-1242	-1166
409 Total Regional Resources	34535	32547	31832	32254	35079	34683	33038	32752	32306	30471	28205	34813	35495	33327
410 Total Surplus/Deficit	-418	-2153	1062	1291	511	-2793	-5107	-3073	-767	-820	-3041	5311	2347	-2365

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

Monthly 120-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-6: BPA Sales to Preference and Legacy Customers
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
1 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
2 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
3 Load Following	4297	4297	4026	4292	4955	5600	5565	5258	4760	4518	4518	4137	4118	4412
4 Cooperative	2572	2572	2365	2373	2721	3099	3059	2876	2579	2511	2511	2431	2490	2667
5 Municipality	801	801	736	762	899	999	995	940	848	771	771	689	712	807
6 Public Utility District	791	791	798	1009	1156	1295	1303	1246	1144	1068	1068	867	777	794
7 Federal Entities	133	133	126	148	179	207	208	196	188	168	168	150	139	144
8 Slice Block	1570	1570	1638	1667	2053	2283	2313	2137	1988	1676	1676	1481	1390	1614
9 Municipality	481	481	602	554	771	842	872	826	795	550	550	365	291	469
10 Public Utility District	1088	1088	1036	1113	1282	1442	1440	1311	1194	1126	1126	1116	1099	1145
11 Slice Output from T1 System	2304	1780	1754	1851	2510	2486	2148	2153	2278	1828	1636	2702	2375	2117
12 Municipality	773	598	589	621	843	835	721	723	765	614	549	907	798	711
13 Public Utility District	1530	1182	1165	1229	1667	1652	1427	1430	1513	1214	1087	1795	1578	1406
14 Tier 1 Block	2.56	2.56	5.29	10.2	46.2	40.6	57.1	55.9	47.8	3.10	3.10	0	0	11.4
15 Public Utility District	2.56	2.56	5.29	10.2	46.2	40.6	57.1	55.9	47.8	3.10	3.10	0	0	11.4
16 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
17 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
18 Cooperative	2572	2572	2365	2373	2721	3099	3059	2876	2579	2511	2511	2431	2490	2667
19 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
20 Federal Entities	133	133	126	148	179	207	208	196	188	168	168	150	139	144
21 Municipality	2056	1880	1927	1937	2513	2675	2588	2489	2408	1934	1870	1961	1801	1987
22 Public Utility District	3412	3064	3004	3361	4152	4428	4227	4042	3898	3412	3285	3777	3454	3357
23 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
24 Total Power Sales Contracts	8885	8361	8048	8333	9917	10839	10449	10001	9569	8582	8391	8976	8578	8889

Table A-6: BPA Sales to Preference and Legacy Customers
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
25 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
26 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
27 Load Following	4330	4330	4053	4318	4974	5607	5622	5304	4829	4564	4564	4183	4166	4463
28 Cooperative	2588	2588	2378	2372	2721	3102	3061	2874	2579	2510	2510	2430	2487	2666
29 Municipality	804	804	738	767	905	996	1030	974	884	807	807	725	747	843
30 Public Utility District	800	800	807	1027	1166	1300	1328	1262	1177	1075	1075	874	790	807
31 Federal Entities	137	137	130	152	181	210	203	194	188	171	171	153	142	147
32 Slice Block	1608	1608	1678	1661	2045	2274	2303	2128	1979	1670	1670	1476	1385	1607
33 Municipality	490	490	614	548	762	832	862	817	785	544	544	361	288	464
34 Public Utility District	1118	1118	1065	1113	1283	1442	1441	1311	1194	1126	1126	1115	1098	1143
35 Slice Output from T1 System	2300	1777	1760	1851	2534	2500	2148	2167	2280	1743	1514	2899	2702	2091
36 Municipality	772	597	591	622	851	839	721	728	766	585	508	973	907	702
37 Public Utility District	1528	1180	1169	1230	1683	1661	1427	1440	1515	1158	1005	1926	1795	1389
38 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
39 Public Utility District	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
40 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
41 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
42 Cooperative	2588	2588	2378	2372	2721	3102	3061	2874	2579	2510	2510	2430	2487	2666
43 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
44 Federal Entities	137	137	130	152	181	210	203	194	188	171	171	153	142	147
45 Municipality	2066	1891	1943	1937	2518	2667	2614	2519	2435	1936	1859	2059	1941	2009
46 Public Utility District	3458	3111	3065	3379	4178	4443	4252	4069	3934	3362	3210	3915	3683	3350
47 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
48 Total Power Sales Contracts	8962	8438	8139	8354	9951	10851	10495	10053	9632	8537	8308	9213	8948	8907

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

Operating Year 2019 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
49 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
50 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
51 Load Following	4382	4382	4094	4360	5024	5657	5639	5318	4841	4575	4575	4193	4186	4493
52 Cooperative	2587	2587	2376	2377	2728	3109	3069	2883	2585	2515	2515	2435	2492	2671
53 Municipality	840	840	770	800	939	1032	1035	978	888	811	811	728	750	847
54 Public Utility District	815	815	816	1029	1168	1303	1331	1264	1180	1077	1077	876	792	809
55 Federal Entities	140	140	132	155	189	214	204	192	188	172	172	154	152	165
56 Slice Block	1601	1601	1671	1681	2070	2302	2331	2154	2004	1690	1690	1495	1403	1627
57 Municipality	485	485	607	554	770	841	871	826	794	550	550	365	291	469
58 Public Utility District	1116	1116	1064	1127	1299	1461	1460	1329	1210	1141	1141	1130	1112	1157
59 Slice Output from T1 System	2288	1775	1763	1854	2543	2505	2155	2173	2270	1744	1516	2588	2363	2083
60 Municipality	768	596	592	623	854	841	723	730	762	586	509	869	793	699
61 Public Utility District	1520	1179	1171	1232	1689	1664	1431	1444	1508	1158	1007	1719	1570	1384
62 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
63 Public Utility District	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
64 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
65 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
66 Cooperative	2587	2587	2376	2377	2728	3109	3069	2883	2585	2515	2515	2435	2492	2671
67 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
68 Federal Entities	140	140	132	155	189	214	204	192	188	172	172	154	152	165
69 Municipality	2093	1920	1968	1976	2563	2713	2630	2534	2444	1946	1869	1962	1835	2016
70 Public Utility District	3463	3122	3075	3398	4203	4469	4279	4092	3945	3379	3228	3725	3473	3362
71 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
72 Total Power Sales Contracts	8995	8482	8177	8419	10035	10935	10547	10099	9657	8569	8342	8932	8647	8949

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

Operating Year 2020 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
73 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
74 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
75 Load Following	4410	4410	4124	4417	5074	5715	5701	5353	4893	4625	4625	4249	4243	4544
76 Cooperative	2593	2593	2381	2394	2746	3129	3089	2880	2604	2534	2534	2456	2515	2695
77 Municipality	844	844	773	807	947	1040	1044	983	896	818	818	736	758	855
78 Public Utility District	817	817	818	1042	1181	1316	1344	1277	1193	1090	1090	888	804	821
79 Federal Entities	156	156	152	174	200	231	224	213	200	182	182	169	167	172
80 Slice Block	1621	1621	1691	1669	2055	2285	2314	2065	1990	1678	1678	1484	1393	1615
81 Municipality	490	490	613	550	765	835	866	792	789	546	546	362	289	466
82 Public Utility District	1130	1130	1077	1119	1290	1450	1449	1273	1201	1133	1133	1121	1104	1149
83 Slice Output from T1 System	2282	1775	1765	1861	2586	2546	2191	2209	2292	1769	1534	2907	2729	2082
84 Municipality	766	596	592	625	868	855	736	742	769	594	515	976	916	699
85 Public Utility District	1515	1179	1172	1236	1718	1691	1455	1467	1522	1175	1019	1931	1813	1383
86 Tier 1 Block	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
87 Public Utility District	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
88 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
89 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
90 Cooperative	2593	2593	2381	2394	2746	3129	3089	2880	2604	2534	2534	2456	2515	2695
91 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
92 Federal Entities	156	156	152	174	200	231	224	213	200	182	182	169	167	172
93 Municipality	2100	1930	1979	1982	2580	2729	2645	2517	2454	1958	1879	2074	1963	2020
94 Public Utility District	3475	3138	3092	3408	4237	4499	4307	4073	3965	3401	3244	3941	3721	3365
95 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
96 Total Power Sales Contracts	9036	8529	8229	8471	10116	11018	10631	10080	9719	8633	8397	9295	9060	8988

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

Operating Year 2021 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
97 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
98 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
99 Load Following	4459	4459	4167	4424	5087	5723	5733	5412	4927	4652	4652	4271	4261	4566
100 Cooperative	2616	2616	2402	2393	2747	3131	3096	2910	2609	2540	2540	2462	2525	2706
101 Municipality	852	852	781	812	953	1047	1050	993	902	824	824	741	763	861
102 Public Utility District	829	829	830	1046	1186	1321	1349	1282	1197	1094	1094	893	808	825
103 Federal Entities	162	162	154	172	202	224	237	227	219	195	195	176	166	174
104 Slice Block	1609	1609	1679	1703	2097	2332	2362	2182	2030	1713	1713	1515	1421	1648
105 Municipality	487	487	609	561	780	852	883	837	804	557	557	370	295	475
106 Public Utility District	1123	1123	1070	1142	1316	1480	1479	1346	1226	1156	1156	1145	1126	1173
107 Slice Output from T1 System	2293	1782	1765	1866	2584	2536	2225	2220	2293	1775	1536	2579	2339	2083
108 Municipality	770	598	593	626	868	851	747	745	770	596	516	866	785	699
109 Public Utility District	1523	1184	1173	1239	1717	1684	1478	1474	1523	1179	1020	1713	1554	1383
110 Tier 1 Block	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
111 Public Utility District	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
112 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
113 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
114 Cooperative	2616	2616	2402	2393	2747	3131	3096	2910	2609	2540	2540	2462	2525	2706
115 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
116 Federal Entities	162	162	154	172	202	224	237	227	219	195	195	176	166	174
117 Municipality	2109	1937	1983	2000	2601	2750	2680	2575	2476	1976	1896	1976	1843	2036
118 Public Utility District	3487	3148	3098	3438	4265	4526	4363	4159	3994	3432	3273	3750	3488	3393
119 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
120 Total Power Sales Contracts	9085	8574	8261	8516	10167	11060	10743	10268	9794	8701	8461	9020	8716	9043

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

Operating Year 2022 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
121 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
122 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
123 Load Following	4480	4480	4184	4441	5116	5753	5748	5423	4940	4669	4669	4290	4276	4576
124 Cooperative	2626	2626	2408	2399	2754	3140	3100	2909	2611	2541	2541	2463	2525	2706
125 Municipality	858	858	786	818	959	1053	1056	999	907	829	829	746	768	867
126 Public Utility District	833	833	834	1050	1191	1326	1354	1287	1202	1098	1098	897	812	829
127 Federal Entities	163	163	156	174	213	235	238	228	220	201	201	185	171	174
128 Slice Block	1642	1642	1713	1667	2053	2283	2312	2136	1987	1676	1676	1483	1391	1613
129 Municipality	497	497	621	550	764	834	865	819	788	545	545	362	289	466
130 Public Utility District	1145	1145	1092	1118	1288	1449	1447	1317	1199	1131	1131	1120	1102	1148
131 Slice Output from T1 System	2290	1783	1766	1881	2584	2557	2225	2221	2290	1777	1535	2910	2723	2089
132 Municipality	769	599	593	631	867	859	747	746	769	597	515	977	914	701
133 Public Utility District	1521	1185	1173	1249	1716	1699	1478	1475	1521	1180	1019	1933	1809	1388
134 Tier 1 Block	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
135 Public Utility District	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
136 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
137 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
138 Cooperative	2626	2626	2408	2399	2754	3140	3100	2909	2611	2541	2541	2463	2525	2706
139 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
140 Federal Entities	163	163	156	174	213	235	238	228	220	201	201	185	171	174
141 Municipality	2123	1953	2001	1999	2591	2746	2668	2564	2463	1970	1889	2085	1972	2034
142 Public Utility District	3511	3175	3123	3428	4243	4515	4338	4137	3971	3413	3252	3950	3723	3376
143 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
144 Total Power Sales Contracts	9135	8629	8313	8513	10152	11065	10710	10235	9761	8683	8440	9339	9085	9025

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

Operating Year 2023 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
145 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
146 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
147 Load Following	4495	4495	4201	4462	5126	5765	5762	5434	4951	4678	4678	4297	4283	4586
148 Cooperative	2627	2627	2408	2397	2753	3140	3101	2912	2611	2540	2540	2461	2522	2705
149 Municipality	864	864	792	822	964	1059	1063	1005	913	834	834	750	773	873
150 Public Utility District	837	837	838	1055	1196	1331	1359	1292	1207	1103	1103	901	816	833
151 Federal Entities	166	166	163	189	214	236	239	226	221	202	202	184	172	174
152 Slice Block	1607	1607	1677	1705	2099	2335	2364	2185	2032	1715	1715	1517	1423	1650
153 Municipality	486	486	608	562	781	853	884	838	805	558	558	371	296	477
154 Public Utility District	1121	1121	1068	1143	1318	1482	1480	1347	1227	1157	1157	1146	1127	1173
155 Slice Output from T1 System	2280	1777	1764	1880	2581	2560	2223	2213	2297	1780	1542	2572	2360	2088
156 Municipality	766	597	592	631	867	859	746	743	771	598	518	864	792	701
157 Public Utility District	1515	1180	1172	1249	1714	1700	1477	1470	1526	1182	1024	1709	1567	1387
158 Tier 1 Block	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
159 Public Utility District	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
160 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
161 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
162 Cooperative	2627	2627	2408	2397	2753	3140	3101	2912	2611	2540	2540	2461	2522	2705
163 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
164 Federal Entities	166	166	163	189	214	236	239	226	221	202	202	184	172	174
165 Municipality	2116	1947	1993	2015	2612	2771	2693	2585	2489	1989	1909	1985	1862	2050
166 Public Utility District	3485	3150	3103	3457	4276	4555	4375	4167	4009	3445	3287	3756	3510	3405
167 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
168 Total Power Sales Contracts	9106	8602	8291	8571	10206	11131	10775	10287	9825	8733	8495	9042	8761	9070

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

Operating Year 2024 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
169 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
170 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
171 Load Following	4504	4504	4209	4475	5144	5786	5781	5425	4966	4691	4691	4310	4295	4601
172 Cooperative	2626	2626	2406	2402	2760	3149	3108	2894	2616	2544	2544	2465	2526	2711
173 Municipality	870	870	797	827	970	1065	1068	1006	917	838	838	754	777	877
174 Public Utility District	842	842	842	1059	1200	1336	1364	1296	1211	1107	1107	906	820	837
175 Federal Entities	167	167	163	187	214	236	240	229	221	202	202	185	172	175
176 Slice Block	1644	1644	1715	1661	2044	2274	2303	2055	1979	1670	1670	1478	1386	1607
177 Municipality	498	498	622	548	761	831	862	788	785	544	544	362	289	465
178 Public Utility District	1146	1146	1092	1113	1283	1443	1442	1267	1194	1126	1126	1116	1097	1142
179 Slice Output from T1 System	2279	1776	1766	1879	2589	2567	2211	2213	2295	1776	1538	2897	2743	2081
180 Municipality	765	596	593	631	869	862	742	743	770	596	516	973	921	699
181 Public Utility District	1514	1180	1173	1248	1720	1705	1469	1470	1524	1180	1022	1924	1822	1382
182 Tier 1 Block	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
183 Public Utility District	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
184 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
185 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
186 Cooperative	2626	2626	2406	2402	2760	3149	3108	2894	2616	2544	2544	2465	2526	2711
187 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
188 Federal Entities	167	167	163	187	214	236	240	229	221	202	202	185	172	175
189 Municipality	2133	1964	2013	2006	2600	2758	2672	2537	2472	1978	1898	2088	1987	2041
190 Public Utility District	3514	3180	3133	3430	4249	4525	4332	4087	3978	3416	3258	3946	3739	3374
191 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
192 Total Power Sales Contracts	9151	8648	8340	8539	10176	11097	10718	10145	9783	8697	8460	9340	9119	9036

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

Operating Year 2025 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
193 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
194 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
195 Load Following	4518	4518	4221	4496	5168	5813	5807	5480	4988	4713	4713	4330	4315	4623
196 Cooperative	2631	2631	2410	2415	2775	3165	3125	2934	2630	2557	2557	2478	2539	2725
197 Municipality	874	874	801	831	974	1070	1073	1014	921	842	842	758	781	882
198 Public Utility District	846	846	846	1063	1204	1340	1369	1301	1215	1111	1111	909	823	840
199 Federal Entities	167	167	164	188	215	237	241	231	222	203	203	185	173	175
200 Slice Block	1601	1601	1670	1713	2108	2345	2375	2194	2040	1722	1722	1524	1430	1657
201 Municipality	486	486	607	565	784	857	888	842	809	561	561	373	299	480
202 Public Utility District	1116	1116	1063	1147	1323	1489	1487	1353	1231	1161	1161	1151	1131	1177
203 Slice Output from T1 System	2280	1780	1773	1869	2590	2568	2232	2228	2289	1777	1539	2572	2376	2080
204 Municipality	765	598	595	628	870	862	750	748	768	597	517	864	798	698
205 Public Utility District	1514	1182	1178	1242	1720	1706	1483	1480	1520	1180	1022	1709	1578	1382
206 Tier 1 Block	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
207 Public Utility District	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
208 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
209 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
210 Cooperative	2631	2631	2410	2415	2775	3165	3125	2934	2630	2557	2557	2478	2539	2725
211 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
212 Federal Entities	167	167	164	188	215	237	241	231	222	203	203	185	173	175
213 Municipality	2125	1957	2003	2024	2628	2789	2711	2604	2499	1999	1919	1995	1877	2060
214 Public Utility District	3488	3155	3111	3462	4294	4575	4395	4189	4015	3455	3297	3768	3531	3411
215 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
216 Total Power Sales Contracts	9123	8622	8312	8601	10264	11196	10838	10355	9861	8772	8534	9083	8816	9106

Table A-6: BPA Sales to Preference and Legacy Customers
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
217 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
218 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
219 Load Following	4540	4540	4241	4519	5194	5840	5835	5503	5013	4735	4735	4353	4337	4647
220 Cooperative	2645	2645	2422	2429	2790	3182	3142	2947	2644	2571	2571	2492	2552	2740
221 Municipality	879	879	805	835	979	1075	1078	1019	926	846	846	762	785	887
222 Public Utility District	849	849	849	1067	1209	1345	1374	1305	1220	1115	1115	913	826	845
223 Federal Entities	168	168	164	189	216	238	242	231	223	204	204	186	173	176
224 Slice Block	1651	1651	1721	1653	2035	2265	2294	2119	1970	1662	1662	1473	1380	1600
225 Municipality	501	501	625	545	756	825	856	811	779	540	540	359	288	462
226 Public Utility District	1150	1150	1096	1109	1280	1440	1438	1308	1190	1122	1122	1113	1093	1138
227 Slice Output from T1 System	2280	1783	1768	1882	2592	2570	2214	2216	2298	1779	1541	2900	2746	2084
228 Municipality	766	599	594	632	870	863	743	744	771	597	517	974	922	700
229 Public Utility District	1515	1184	1174	1250	1722	1707	1471	1472	1526	1182	1024	1926	1824	1385
230 Tier 1 Block	11.7	11.7	24.2	10.1	45.8	40.3	56.7	55.5	47.5	3.08	3.08	0	0	11.3
231 Public Utility District	11.7	11.7	24.2	10.1	45.8	40.3	56.7	55.5	47.5	3.08	3.08	0	0	11.3
232 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
233 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
234 Cooperative	2645	2645	2422	2429	2790	3182	3142	2947	2644	2571	2571	2492	2552	2740
235 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
236 Federal Entities	168	168	164	189	216	238	242	231	223	204	204	186	173	176
237 Municipality	2145	1978	2024	2011	2605	2763	2677	2574	2477	1983	1903	2095	1995	2049
238 Public Utility District	3525	3195	3144	3436	4256	4532	4339	4141	3984	3422	3264	3953	3743	3378
239 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
240 Total Power Sales Contracts	9195	8698	8379	8578	10219	11145	10766	10291	9823	8737	8499	9381	9158	9077

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Exhibit 15
Table A-7: Regional Regulated Hydro

Monthly 120-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-7: Regional: Regulated Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	40.4	40.4	46.6	40.1	24.5	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	43.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
28 Lower Granite	510	504	575	606	622	697	737	832	843	868	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	897	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16028	16223	15965	15562	16767	17420	17828	18089	17457	16751	16670	16994	17575	17063
59 Investor Owned Utilities	4318	4248	3994	4195	4306	4299	4370	4272	4207	4147	4085	4458	4588	4562
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2294	2293	2153	2181	2192	2230	2213	2172	2162	2173	2218	2302	2301	2291
63 Total Regulated Hydro	25715	25778	25099	24849	26126	26886	27223	27163	26419	25685	25610	26510	27728	26892

Table A-7: Regional: Regulated Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	37.2	37.2	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16025	16220	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	4318	4248	3994	4195	4306	4299	4370	4272	4207	4147	4085	4458	4588	4562
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2294	2293	2153	2181	2192	2230	2213	2172	2162	2173	2218	2302	2301	2291
63 Total Regulated Hydro	25712	25775	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	4318	4248	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2294	2293	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015 Continued

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15680	16973	17461	17861	18075	17426	16655	16714	17091	17721	17238
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24967	26332	26928	27257	27150	26388	25589	25653	26606	27874	27067

Table A-7: Regional: Regulated Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4571	5182	5302	5476	5346	5167	4459	4373	4312	4819	5118
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16022	16186	15985	16021	17142	17900	18216	18281	17801	17062	17230	17481	18300	17835
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25709	25740	25119	25309	26501	27366	27612	27356	26763	25996	26170	26997	28453	27664

Table A-7: Regional: Regulated Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	5067	5127	4508	4571	5182	5302	5476	5346	5167	4459	4373	4312	4819	5118
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16826	16901	16468	16021	17142	17900	18216	18281	17801	17062	17230	17481	18300	17835
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	26514	26455	25603	25309	26501	27366	27612	27356	26763	25996	26170	26997	28453	27664

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Exhibit 16
Table A-8: Regional Independent Hydro

Monthly 120-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

**Table A-8: Regional: Independent Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015**

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86 Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87 Municipality	125	126	132	147	144	164	165	176	186	174	174	222	227	178
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627

Table A-8: Regional: Independent Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86 Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87 Municipality	125	126	132	147	144	164	165	176	186	174	174	222	227	178
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627

Table A-8: Regional: Independent Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86 Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87 Municipality	125	126	132	147	144	164	165	176	186	174	174	222	227	178
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627

Table A-8: Regional: Independent Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86 Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87 Municipality	125	126	132	147	144	164	165	176	186	174	174	222	227	178
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627

Table A-8: Regional: Independent Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86 Investor Owned Utilities	764	761	773	816	795	820	715	735	740	790	794	768	759	771
87 Municipality	125	126	132	147	144	164	165	176	186	174	174	222	227	178
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1582	1514	1467	1394	1258	1166	1427	1712	1728	1913	1959	1627

Table A-8: Regional: Independent Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	403	378	254	223	199	349	596	609	753	790	504
86 Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87 Municipality	125	126	132	160	160	186	187	196	200	184	184	229	237	191
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627

Table A-8: Regional: Independent Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86 Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87 Municipality	135	135	142	160	160	186	187	196	200	184	184	229	237	191
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627

Table A-8: Regional: Independent Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86 Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87 Municipality	135	135	142	160	160	186	187	196	200	184	184	229	237	191
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627

Table A-8: Regional: Independent Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

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Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86 Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87 Municipality	135	135	142	160	160	186	187	196	200	184	184	229	237	191
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627

Table A-8: Regional: Independent Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86 Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87 Municipality	135	135	142	160	160	186	187	196	200	184	184	229	237	191
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627

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

Monthly 120-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Federal Report Surplus Deficit By Water Year

Operating Year 2017

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	1152	873	344	566	517	-84.4	-32.3	-74.4	910	-740	873	1542	2478	-323
2 1930 Federal Report Surplus Deficit	1145	24.7	662	680	618	-29.6	-1176	178	764	209	1980	1567	-162	1756
3 1931 Federal Report Surplus Deficit	1626	-21.8	122	634	755	26.2	-1068	-1041	435	-674	-1512	2880	274	2048
4 1932 Federal Report Surplus Deficit	943	-623	-20.8	464	176	-55.7	-813	-1399	2485	3154	3938	4127	4534	3402
5 1933 Federal Report Surplus Deficit	1286	1711	788	821	622	833	2451	2885	3354	955	2087	3372	4912	4418
6 1934 Federal Report Surplus Deficit	3052	2381	609	1356	3235	3910	3841	3730	4375	3953	3955	3690	3721	2211
7 1935 Federal Report Surplus Deficit	947	-388	-197	754	360	-161	2557	2504	3181	-457	2171	2935	3135	3459
8 1936 Federal Report Surplus Deficit	2744	450	146	517	476	-59.2	-924	-79.2	1072	281	3557	4104	4379	1929
9 1937 Federal Report Surplus Deficit	1129	-94.1	143	409	706	-25.2	-1018	-537	588	-127	-650	2698	1874	471
10 1938 Federal Report Surplus Deficit	1334	16.6	270	704	252	706	2157	2292	3635	2580	4213	3967	3928	3310
11 1939 Federal Report Surplus Deficit	926	-277	659	837	366	-155	1030	539	1621	1393	3086	3420	1509	1610
12 1940 Federal Report Surplus Deficit	1159	-252	187	922	1154	402	469	112	4218	1412	2482	3244	1728	1180
13 1941 Federal Report Surplus Deficit	557	-697	103	572	615	250	-61.3	-105	1448	-599	1001	2868	1775	2001
14 1942 Federal Report Surplus Deficit	871	-230	623	567	1049	1653	1630	351	2969	336	2329	2788	3258	3757
15 1943 Federal Report Surplus Deficit	2111	1041	1161	499	308	73.9	2849	2804	3437	4227	4234	3647	4911	4350
16 1944 Federal Report Surplus Deficit	1756	524	267	570	660	-140	-9.73	68.3	509	-596	612	1091	-825	938
17 1945 Federal Report Surplus Deficit	824	-701	-73.6	847	495	-103	-920	-384	638	-633	-1637	3543	4056	189
18 1946 Federal Report Surplus Deficit	1500	-282	-119	571	739	694	1638	1102	3736	2991	4220	4066	3712	3897
19 1947 Federal Report Surplus Deficit	2704	2061	728	486	1129	3338	3390	3297	3903	2238	2783	3990	3957	3546
20 1948 Federal Report Surplus Deficit	2468	1512	526	2985	2581	1987	3192	2449	3230	1666	3685	4291	4873	4154
21 1949 Federal Report Surplus Deficit	3199	3059	1080	821	1005	471	1594	540	4143	2117	4074	4206	4223	432
22 1950 Federal Report Surplus Deficit	91.1	-852	-237	645	384	546	3211	3244	4443	3230	3558	3883	4921	4544
23 1951 Federal Report Surplus Deficit	2845	2123	743	1550	2842	3458	3859	4055	4717	3557	3868	4048	4061	4175
24 1952 Federal Report Surplus Deficit	2843	1358	575	2459	1948	2019	3119	3185	3495	3365	4325	4280	4231	3424
25 1953 Federal Report Surplus Deficit	2445	1322	-219	458	535	-35.3	300	2593	3117	404	2134	3847	4955	3821
26 1954 Federal Report Surplus Deficit	2011	1124	608	750	1260	1247	2654	3686	4028	1732	2848	4010	4691	4489
27 1955 Federal Report Surplus Deficit	3338	3648	2787	878	2060	1298	633	850	1117	20.2	1532	3272	4928	4539
28 1956 Federal Report Surplus Deficit	3131	2042	321	1075	2470	3390	3672	4026	4535	3059	4257	4267	4897	4228
29 1957 Federal Report Surplus Deficit	2932	2558	646	989	965	1490	1776	408	3745	3010	2762	4315	4811	3269
30 1958 Federal Report Surplus Deficit	2089	219	487	598	767	428	2107	2136	3298	1353	3529	4231	4604	2476
31 1959 Federal Report Surplus Deficit	1136	202	242	661	1735	2950	3513	3633	4065	2612	2714	3606	4682	4359
32 1960 Federal Report Surplus Deficit	3259	2279	2964	3707	3273	2642	2429	2299	3297	4384	3680	3351	4452	3301
33 1961 Federal Report Surplus Deficit	2166	357	233	829	896	729	2268	2766	4311	1971	2195	3949	4742	3028
34 1962 Federal Report Surplus Deficit	2090	730	176	467	838	320	2030	2140	1596	3281	4231	3913	3766	2851
35 1963 Federal Report Surplus Deficit	1848	1099	-25.6	1180	2043	2617	2630	2362	2903	246	1804	3480	4021	3100
36 1964 Federal Report Surplus Deficit	1962	376	836	567	704	691	967	1116	1714	2215	1703	3650	4935	4419
37 1965 Federal Report Surplus Deficit	3082	2650	1398	1542	1725	3534	3939	4089	4392	1572	4089	4100	4279	3237
38 1966 Federal Report Surplus Deficit	2861	2505	-20.9	1013	1155	986	1678	1741	1984	3385	2671	2786	3532	3488
39 1967 Federal Report Surplus Deficit	2137	518	421	425	739	1109	3431	3559	3804	1001	301	3228	4737	4274
40 1968 Federal Report Surplus Deficit	2654	1977	712	769	1485	988	2374	3069	3544	-174	1121	2404	4273	3785
41 1969 Federal Report Surplus Deficit	2783	2616	1758	1606	2546	2064	3842	3436	3731	3472	4089	4262	4469	3612
42 1970 Federal Report Surplus Deficit	2368	1138	557	746	1089	171	1955	2024	2734	486	1604	3581	4680	2300
43 1971 Federal Report Surplus Deficit	1575	148	156	476	699	672	3759	3896	4785	3049	3843	4231	4914	4171
44 1972 Federal Report Surplus Deficit	3191	3404	907	1115	1138	1338	3648	4071	5199	4332	3289	4257	4843	4413
45 1973 Federal Report Surplus Deficit	3230	3430	1160	977	1231	882	1953	568	1695	-814	823	2547	1074	1084
46 1974 Federal Report Surplus Deficit	1101	-497	-58.3	629	707	1990	3884	3866	5003	3685	4177	4133	4891	4628
47 1975 Federal Report Surplus Deficit	3162	3417	1137	453	714	138	2488	2351	3288	389	1643	3890	4813	4341
48 1976 Federal Report Surplus Deficit	2873	2611	1166	1824	2819	3951	3645	3678	4269	3544	3918	4252	4431	4297
49 1977 Federal Report Surplus Deficit	3382	3744	3627	1090	827	-201	86.1	326	835	-753	850	1076	-1295	667
50 1978 Federal Report Surplus Deficit	803	-576	-530	67.2	275	1727	1758	2120	2438	3255	2700	3743	3342	3454
51 1979 Federal Report Surplus Deficit	1429	182	1726	1181	1148	44.0	541	680	3172	314	2014	3821	3047	461
52 1980 Federal Report Surplus Deficit	482	-248	375	442	613	-300	1224	121	1589	852	3378	4299	4352	2062
53 1981 Federal Report Surplus Deficit	763	-709	470	750	866	2531	3190	3134	3303	-729	1691	3628	4747	4029
54 1982 Federal Report Surplus Deficit	3244	2544	793	758	1431	862	2837	4080	4946	3207	3275	4081	4872	4465

Federal Report Surplus Deficit By Water Year

Operating Year 2017

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3139	3297	1835	1706	1543	1520	3200	3635	4760	2379	2906	3880	4530	4043
56 1984 Federal Report Surplus Deficit	3068	2896	1061	856	3011	1924	2793	3263	3852	3502	4092	3968	4847	4026
57 1985 Federal Report Surplus Deficit	2823	1019	1071	927	1436	927	1563	1378	1788	1615	3554	4003	3383	-640
58 1986 Federal Report Surplus Deficit	-124	-865	312	869	2001	1191	2405	3479	4974	3570	4045	3413	4047	2755
59 1987 Federal Report Surplus Deficit	1409	45.8	-41.9	452	944	1077	858	-150	2944	-51.7	1918	3540	2779	1002
60 1988 Federal Report Surplus Deficit	676	-859	69.1	502	406	-313	-323	-1068	892	-465	1430	2333	1445	1950
61 1989 Federal Report Surplus Deficit	1535	50.9	266	570	598	531	163	-730	2543	1386	3905	3383	3062	1668
62 1990 Federal Report Surplus Deficit	745	-491	199	619	1147	1606	1759	3445	3736	1226	3752	3377	4560	3143
63 1991 Federal Report Surplus Deficit	2840	1741	342	400	2794	2334	3318	3029	3423	2251	2440	3647	4189	4204
64 1992 Federal Report Surplus Deficit	3147	2289	318	523	713	-298	365	153	3250	-806	968	2690	456	828
65 1993 Federal Report Surplus Deficit	884	-531	-253	604	702	153	-1035	-1266	1861	534	1324	3717	3443	2277
66 1994 Federal Report Surplus Deficit	1719	418	825	637	917	361	-831	-432	643	-197	1820	3271	2999	1629
67 1995 Federal Report Surplus Deficit	1362	-425	232	560	283	278	1123	1875	3507	747	1494	3394	4455	2740
68 1996 Federal Report Surplus Deficit	1294	243	961	1603	3356	3909	3926	4082	5117	3324	4270	4161	4518	4256
69 1997 Federal Report Surplus Deficit	3081	2463	670	661	1315	2043	3955	3899	5052	3524	4280	4197	4872	4347
70 1998 Federal Report Surplus Deficit	3143	3403	1800	3215	2493	931	1453	2423	2639	198	2672	4225	4758	3354
71 1999 Federal Report Surplus Deficit	2956	1443	379	549	665	1415	3563	3807	4814	2329	3763	3754	4769	4448
72 2000 Federal Report Surplus Deficit	3437	3514	1127	839	3079	2619	2363	2590	3303	3114	4078	3977	2593	3121
73 2001 Federal Report Surplus Deficit	2268	-318	22.6	671	495	-71.4	-54.5	50.7	1071	-421	1031	2180	-1490	1260
74 2002 Federal Report Surplus Deficit	880	-689	-465	-80.0	274	142	42.8	-45.3	1548	1004	3794	3372	4725	4123
75 2003 Federal Report Surplus Deficit	789	174	349	609	859	142	-592	328	3390	1036	2323	3278	4192	1512
76 2004 Federal Report Surplus Deficit	761	-476	-111	743	1759	310	613	-470	2220	511	1759	3079	2884	1730
77 2005 Federal Report Surplus Deficit	216	-417	1114	1066	1150	1251	1471	1765	1723	-397	1328	3298	3199	2457
78 2006 Federal Report Surplus Deficit	1412	-108	357	443	1050	970	2435	2685	3563	3303	4190	4092	4701	3148
79 2007 Federal Report Surplus Deficit	2038	-572	-203	467	880	1049	2447	2213	3970	2789	2446	3696	2742	3364
80 2008 Federal Report Surplus Deficit	1197	-497	-344	592	1382	-4.11	650	641	1861	618	469	3944	4942	3576
Ranked Averages														
81 Bottom 10 pct	425	-613	228	682	1010	567	1287	1302	2628	991	2531	3319	3398	2580
82 Middle 80 pct	1965	837	461	847	1170	1115	1781	1865	3041	1583	2598	3578	3745	2987
83 Top 10 pct	3285	3203	1806	1273	1755	1239	1943	1916	3067	1951	2700	3346	3211	2753

Federal Report Surplus Deficit By Water Year

Operating Year 2018

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	1080	837	309	604	694	88.7	282	105	897	-668	947	2547	3664	-342
2 1930 Federal Report Surplus Deficit	1072	-7.38	597	713	816	148	-1107	359	750	429	2221	2570	1014	1735
3 1931 Federal Report Surplus Deficit	1565	-54.0	61.2	664	960	189	-964	-878	400	-841	-1752	3593	1352	2026
4 1932 Federal Report Surplus Deficit	867	-653	-80.0	497	330	115	-673	-1238	2453	3502	4324	5380	5659	3379
5 1933 Federal Report Surplus Deficit	1214	1678	726	850	813	975	2922	3407	3281	1203	2330	4558	5962	4402
6 1934 Federal Report Surplus Deficit	2972	2351	566	1398	3356	4175	4375	4547	4398	4422	4358	4920	4816	2189
7 1935 Federal Report Surplus Deficit	871	-420	-258	779	504	27.8	2972	2953	3137	-191	2412	4064	4256	3434
8 1936 Federal Report Surplus Deficit	2677	418	84.1	555	661	113	-833	99.9	1060	496	3877	5357	5480	1904
9 1937 Federal Report Surplus Deficit	1056	-126	83.5	449	909	141	-880	-368	572	-311	-915	3351	2919	452
10 1938 Federal Report Surplus Deficit	1266	-15.7	205	736	337	851	2607	2685	3643	2880	4619	5221	5029	3281
11 1939 Federal Report Surplus Deficit	848	-308	596	865	523	32.6	1417	940	1562	1281	3351	4564	2671	1587
12 1940 Federal Report Surplus Deficit	1090	-284	122	943	1349	554	837	294	4208	1723	2726	4373	2849	1206
13 1941 Federal Report Surplus Deficit	475	-726	42.1	604	814	412	237	74.5	1435	-807	776	3625	2814	1972
14 1942 Federal Report Surplus Deficit	805	-262	569	582	1250	1785	2080	544	2930	439	2427	3856	4338	3735
15 1943 Federal Report Surplus Deficit	2048	1010	1086	537	429	247	3261	3387	3447	4634	4656	4854	5945	4360
16 1944 Federal Report Surplus Deficit	1695	486	217	608	854	39.1	314	252	493	-515	689	2002	375	929
17 1945 Federal Report Surplus Deficit	753	-731	-132	874	680	61.9	-836	-217	622	-561	-1536	4694	5166	162
18 1946 Federal Report Surplus Deficit	1432	-313	-177	609	938	840	2069	1452	3721	3310	4634	5378	4795	3880
19 1947 Federal Report Surplus Deficit	2637	2034	678	526	1330	3563	3928	3971	3906	2530	3036	5243	5043	3522
20 1948 Federal Report Surplus Deficit	2403	1483	486	3006	2697	2120	3687	3182	3173	1888	4001	5499	5962	4141
21 1949 Federal Report Surplus Deficit	3109	3032	1028	850	1209	624	2017	866	4111	2391	4441	5441	5325	404
22 1950 Federal Report Surplus Deficit	-8.49	-893	-295	680	527	693	3656	3848	4417	3541	3807	5200	5976	4540
23 1951 Federal Report Surplus Deficit	2775	2097	702	1594	2917	3648	4411	4890	4764	3954	4132	5301	5151	4161
24 1952 Federal Report Surplus Deficit	2776	1328	524	2488	2083	2153	3558	3601	3450	3753	4764	5473	5314	3396
25 1953 Federal Report Surplus Deficit	2380	1287	-270	498	724	136	635	3083	3119	510	2280	5105	6026	3756
26 1954 Federal Report Surplus Deficit	1948	1088	549	781	1454	1381	3073	4357	3970	2038	3114	5264	5807	4495
27 1955 Federal Report Surplus Deficit	3233	3517	2739	906	2185	1430	1002	1068	1104	186	1778	4427	5976	4514
28 1956 Federal Report Surplus Deficit	3044	2011	285	1099	2581	3577	4243	4838	4519	3426	4710	5482	5984	4219
29 1957 Federal Report Surplus Deficit	2858	2529	601	1027	1170	1622	2204	600	3657	3360	3015	5415	5879	3149
30 1958 Federal Report Surplus Deficit	2026	187	431	635	971	584	2552	2445	3285	1589	3845	5456	5683	2450
31 1959 Federal Report Surplus Deficit	1838	46.4	199	696	1891	3139	4080	4400	4073	2821	2816	4942	5730	4351
32 1960 Federal Report Surplus Deficit	3173	2249	2953	3772	3409	2868	2991	2831	3162	4804	3992	4503	5538	3273
33 1961 Federal Report Surplus Deficit	2103	320	186	857	1101	873	2703	3228	4309	2278	2438	5277	5839	2995
34 1962 Federal Report Surplus Deficit	2027	699	131	506	1043	480	2450	2666	1582	3624	4662	5181	4838	2821
35 1963 Federal Report Surplus Deficit	1785	1068	-67.9	1206	2165	2753	3031	2750	2866	497	2047	4683	5107	3066
36 1964 Federal Report Surplus Deficit	1899	344	776	604	902	836	1351	1347	1699	2506	1839	4883	6010	4411
37 1965 Federal Report Surplus Deficit	3001	2622	1355	1583	1880	3740	4476	4904	4372	1792	4501	5391	5350	3196
38 1966 Federal Report Surplus Deficit	2790	2482	-43.9	1034	1351	1122	2085	2020	1967	3685	2916	3855	4655	3462
39 1967 Federal Report Surplus Deficit	2074	486	355	462	940	1245	3947	4148	3820	1251	355	4401	5821	4267
40 1968 Federal Report Surplus Deficit	2588	1945	650	798	1663	1125	2809	3652	3501	34.8	1374	3466	5350	3763
41 1969 Federal Report Surplus Deficit	2714	2594	1703	1639	2660	2198	4392	4163	3750	3674	4531	5464	5539	3580
42 1970 Federal Report Surplus Deficit	2305	1107	504	780	1291	338	2374	2360	2706	713	1848	4821	5735	2269
43 1971 Federal Report Surplus Deficit	1511	111	123	513	895	819	4289	4710	4830	3341	4175	5462	5986	4146
44 1972 Federal Report Surplus Deficit	3112	3374	864	1137	1340	1472	4095	4902	5190	4785	3569	5478	5880	4413
45 1973 Federal Report Surplus Deficit	3135	3397	1107	1002	1425	1024	2391	770	1680	-898	898	3563	2308	1066
46 1974 Federal Report Surplus Deficit	1027	-528	-134	661	902	2108	4442	4681	5057	4084	4599	5446	5945	4602
47 1975 Federal Report Surplus Deficit	3076	3384	1062	492	912	309	2893	2854	3353	497	1718	5179	5860	4356
48 1976 Federal Report Surplus Deficit	2804	2587	1100	1855	2906	4216	4181	4424	4292	3907	4212	5465	5518	4280
49 1977 Federal Report Surplus Deficit	3273	3572	3603	1111	1032	-30.2	428	522	821	-938	585	1908	-175	693
50 1978 Federal Report Surplus Deficit	732	-607	-587	110	388	1831	2359	2642	2401	3489	2964	5080	4433	3429
51 1979 Federal Report Surplus Deficit	1364	146	1634	1214	1347	218	907	883	3134	526	2258	5074	4136	437
52 1980 Federal Report Surplus Deficit	394	-279	311	481	810	-101	1615	316	1565	961	3603	5462	5450	2030
53 1981 Federal Report Surplus Deficit	685	-739	410	780	1071	2648	3621	3641	3257	-658	1934	4857	5831	3978
54 1982 Federal Report Surplus Deficit	3160	2514	719	791	1611	1003	3302	4895	5032	3548	3495	5329	5901	4499

Federal Report Surplus Deficit By Water Year

Operating Year 2018

2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3063	3267	1746	1743	1718	1652	3662	4196	4714	2720	3187	5146	5612	4022
56 1984 Federal Report Surplus Deficit	2989	2867	993	886	3081	2057	3240	3752	3753	3933	4488	5206	5905	4014
57 1985 Federal Report Surplus Deficit	2756	983	1000	957	1621	1067	2034	1624	1772	1929	3876	5246	4470	-651
58 1986 Federal Report Surplus Deficit	-226	-905	313	901	2131	1325	2836	4070	5062	3986	4436	4593	5194	2728
59 1987 Federal Report Surplus Deficit	1340	13.7	-110	491	1150	1214	1239	26.2	2906	-257	1662	4513	3834	983
60 1988 Federal Report Surplus Deficit	595	-888	-23.7	536	595	-114	-72.3	-905	878	-384	1502	3332	2577	1929
61 1989 Federal Report Surplus Deficit	1468	18.7	188	606	787	682	488	-564	2580	1682	4270	4555	4153	1643
62 1990 Federal Report Surplus Deficit	672	-522	140	655	1343	1738	2235	3964	3731	1424	4291	4543	5649	3115
63 1991 Federal Report Surplus Deficit	2772	1708	247	440	2890	2475	3841	3677	3324	2528	2680	4863	5287	4195
64 1992 Federal Report Surplus Deficit	3067	2259	224	561	914	-100	723	339	3205	-891	693	3387	1593	810
65 1993 Federal Report Surplus Deficit	807	-562	-276	633	905	320	-966	-1104	1846	639	1534	4914	4569	2246
66 1994 Federal Report Surplus Deficit	1658	385	775	671	1121	514	-703	-261	2183	-490	1414	3462	3606	1608
67 1995 Federal Report Surplus Deficit	1293	-456	167	592	417	438	1512	2198	2474	2186	2167	4836	5568	2709
68 1996 Federal Report Surplus Deficit	1215	203	895	1639	3537	4174	4463	4897	5253	3602	4741	5381	5573	4251
69 1997 Federal Report Surplus Deficit	3004	2437	612	696	1508	2176	4508	4714	5094	3927	4742	5398	5917	4324
70 1998 Federal Report Surplus Deficit	3066	3372	1737	3239	2592	1072	1851	2837	2609	300	2896	5390	5847	3329
71 1999 Federal Report Surplus Deficit	2886	1413	333	587	856	1548	4089	4580	4864	2519	4075	4980	5804	4444
72 2000 Federal Report Surplus Deficit	3337	3482	1063	869	3163	2750	2805	3147	3261	3462	4482	5244	3695	3099
73 2001 Federal Report Surplus Deficit	2205	-349	-11.7	706	680	102	270	235	1058	-622	763	2766	-324	1241
74 2002 Federal Report Surplus Deficit	803	-719	-522	-37.9	397	311	354	266	1599	1280	4141	4550	5797	4109
75 2003 Federal Report Surplus Deficit	706	137	304	641	1064	309	-401	520	3426	1312	2568	4434	5285	1434
76 2004 Federal Report Surplus Deficit	679	-507	-157	769	1899	469	982	-301	2198	737	2005	4224	3973	1702
77 2005 Federal Report Surplus Deficit	122	-448	1083	1091	1348	1385	1882	2068	1703	-305	1528	4465	4331	2431
78 2006 Federal Report Surplus Deficit	1341	-139	292	480	1253	1109	2838	3182	3557	3701	4593	5340	5781	3095
79 2007 Federal Report Surplus Deficit	1974	-601	-254	506	1085	1186	2908	2600	3910	2951	2692	4943	3839	3343
80 2008 Federal Report Surplus Deficit	1124	-527	-401	624	1560	172	1020	847	1928	884	554	5190	6034	3554
Ranked Averages														
81 Bottom 10 pct	338	-646	177	715	1183	726	1671	1642	2623	1144	2743	4431	4495	2556
82 Middle 80 pct	1907	804	404	881	1340	1276	2180	2302	3038	1815	2831	4734	4828	2964
83 Top 10 pct	3191	3142	1760	1305	1922	1393	2379	2375	3045	2168	2905	4487	4306	2745

Federal Report Surplus Deficit By Water Year

Operating Year 2019

2015 White Book Report Date: 6/30/2015

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	1140	744	196	442	519	-33.0	131	-79.7	706	-803	817	1687	2629	-349
2 1930 Federal Report Surplus Deficit	1141	-63.1	494	548	641	22.3	-1269	173	561	277	2102	1711	-174	1715
3 1931 Federal Report Surplus Deficit	1629	-109	-45.1	496	786	74.1	-1125	-1068	227	-972	-1840	2762	183	2011
4 1932 Federal Report Surplus Deficit	938	-721	-204	332	155	-4.65	-832	-1427	2295	3354	4340	4613	4779	3388
5 1933 Federal Report Surplus Deficit	1277	1579	625	681	638	852	2972	3142	3000	1039	2212	3747	5107	4491
6 1934 Federal Report Surplus Deficit	2919	2233	463	1214	2963	3670	4252	4308	4400	4299	4491	4137	3903	2173
7 1935 Federal Report Surplus Deficit	941	-479	-376	608	332	-110	2860	2744	3027	-335	2298	3250	3274	3448
8 1936 Federal Report Surplus Deficit	2662	363	-41.4	393	486	-7.97	-994	-85.3	869	340	3841	4566	4599	1887
9 1937 Federal Report Surplus Deficit	1125	-183	-36.6	289	735	24.3	-1039	-555	386	-450	-1020	2511	1827	434
10 1938 Federal Report Surplus Deficit	1327	-70.6	92.0	570	171	734	2448	2495	3574	2729	4651	4451	4122	3290
11 1939 Federal Report Surplus Deficit	914	-370	493	696	349	-104	1265	758	1372	1181	3265	3755	1582	1564
12 1940 Federal Report Surplus Deficit	1156	-341	14.0	769	1177	440	687	109	4218	1554	2623	3555	1766	1189
13 1941 Federal Report Surplus Deficit	586	-811	-68.4	437	639	298	85.4	-111	1246	-941	645	2798	1736	1955
14 1942 Federal Report Surplus Deficit	867	-330	488	415	1078	1603	1924	360	2803	286	2315	3034	3384	3768
15 1943 Federal Report Surplus Deficit	2072	949	1003	375	257	126	3149	3180	3394	4553	4729	4068	5103	4431
16 1944 Federal Report Surplus Deficit	1735	389	99.5	447	678	-88.4	164	67.8	307	-654	559	1151	-844	907
17 1945 Federal Report Surplus Deficit	859	-799	-247	704	504	-54.3	-997	-404	436	-696	-1625	3887	4265	69.3
18 1946 Federal Report Surplus Deficit	1493	-375	-315	447	763	723	1914	1270	3694	3224	4682	4620	3865	3913
19 1947 Federal Report Surplus Deficit	2623	1942	577	365	1160	3140	3802	3769	3875	2393	2941	4458	4139	3539
20 1948 Federal Report Surplus Deficit	2399	1401	380	2784	2457	1899	3565	2971	3056	1718	4018	4759	5084	4191
21 1949 Federal Report Surplus Deficit	3049	2886	946	682	1036	511	1861	683	4144	2238	4455	4687	4424	382
22 1950 Federal Report Surplus Deficit	38.1	-965	-432	515	353	577	3535	3646	4454	3431	3760	4404	5129	4618
23 1951 Federal Report Surplus Deficit	2737	1976	600	1404	2671	3217	4267	4632	4763	3833	4135	4529	4256	4218
24 1952 Federal Report Surplus Deficit	2752	1259	416	2291	1905	1930	3438	3410	3347	3607	4836	4729	4419	3408
25 1953 Federal Report Surplus Deficit	2379	1193	-409	338	549	15.7	484	2868	2995	354	2161	4303	5150	3790
26 1954 Federal Report Surplus Deficit	1984	991	445	615	1282	1236	2944	4132	3950	1875	3022	4484	4946	4563
27 1955 Federal Report Surplus Deficit	3196	3436	2636	737	2000	1270	852	886	913	35.9	1652	3617	5104	4596
28 1956 Federal Report Surplus Deficit	2984	1901	173	926	2357	3152	4114	4591	4496	3289	4818	4738	5117	4273
29 1957 Federal Report Surplus Deficit	2814	2403	498	855	997	1456	2047	417	3628	3218	2919	4676	4990	3152
30 1958 Federal Report Surplus Deficit	2062	109	324	473	796	471	2394	2233	3184	1421	3806	4695	4830	2434
31 1959 Federal Report Surplus Deficit	1884	-8.51	85.6	532	1719	2778	3952	4153	4067	2719	2746	4170	4880	4424
32 1960 Federal Report Surplus Deficit	3112	2128	2845	3486	2999	2552	2840	2622	3036	4733	3966	3689	4669	3283
33 1961 Federal Report Surplus Deficit	2130	223	70.5	688	927	755	2561	3029	4314	2125	2371	4497	4994	3002
34 1962 Federal Report Surplus Deficit	2062	646	18.6	345	869	366	2292	2478	1394	3537	4780	4397	3912	2811
35 1963 Federal Report Surplus Deficit	1823	974	-199	1029	1982	2446	2916	2537	2733	344	1925	3875	4203	3072
36 1964 Federal Report Surplus Deficit	1934	288	676	442	727	719	1200	1165	1513	2354	1713	4098	5137	4475
37 1965 Federal Report Surplus Deficit	2945	2490	1272	1402	1705	3290	4359	4670	4408	1665	4577	4643	4443	3216
38 1966 Federal Report Surplus Deficit	2751	2375	-166	860	1179	986	1930	1836	1786	3560	2820	3030	3716	3478
39 1967 Federal Report Surplus Deficit	2105	430	248	300	765	1109	3815	3924	3774	1141	228	3590	4967	4343
40 1968 Federal Report Surplus Deficit	2579	1838	549	629	1491	989	2686	3457	3431	-114	1245	2634	4495	3796
41 1969 Federal Report Surplus Deficit	2691	2470	1630	1467	2426	1970	4260	3935	3715	3525	4652	4719	4682	3608
42 1970 Federal Report Surplus Deficit	2317	1050	397	616	1119	221	2235	2165	2560	557	1723	4039	4858	2248
43 1971 Federal Report Surplus Deficit	1560	16.4	7.61	351	720	702	4160	4477	4852	3247	4192	4714	5126	4211
44 1972 Federal Report Surplus Deficit	3057	3219	764	963	1167	1321	3968	4640	5031	4663	3494	4720	5037	4483
45 1973 Federal Report Surplus Deficit	3079	3232	1008	830	1253	902	2234	588	1494	-1028	768	2726	1194	1043
46 1974 Federal Report Surplus Deficit	1097	-591	-249	495	729	1884	4330	4447	4897	3900	4685	4695	5108	4668
47 1975 Federal Report Surplus Deficit	3015	3223	963	332	737	189	2789	2655	3240	342	1591	4415	4998	4417
48 1976 Federal Report Surplus Deficit	2765	2451	1011	1691	2657	3711	4052	4179	4300	3810	4199	4717	4657	4360
49 1977 Federal Report Surplus Deficit	3254	3523	3487	936	858	-151	277	339	631	-1071	456	1057	-1416	679
50 1978 Federal Report Surplus Deficit	840	-671	-725	-47.0	216	1636	2201	2450	2254	3351	2875	4314	3481	3442
51 1979 Federal Report Surplus Deficit	1414	41.7	1564	1035	1175	95.7	756	700	3005	373	2140	4277	3149	418
52 1980 Federal Report Surplus Deficit	458	-339	200	320	635	-252	1463	131	1377	800	3545	4720	4595	2012
53 1981 Federal Report Surplus Deficit	751	-821	307	613	898	2355	3498	3441	3154	-794	1880	4063	4948	4029
54 1982 Federal Report Surplus Deficit	3101	2392	619	626	1439	880	3189	4661	5049	3433	3426	4554	5026	4533

Federal Report Surplus Deficit By Water Year

Operating Year 2019

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3011	3116	1684	1565	1545	1486	3543	3985	4792	2567	3097	4357	4718	4072
56 1984 Federal Report Surplus Deficit	2933	2726	895	717	2808	1851	3130	3556	3765	3789	4513	4436	5037	4055
57 1985 Federal Report Surplus Deficit	2737	889	902	789	1449	940	1879	1442	1588	1770	3843	4484	3504	-650
58 1986 Federal Report Surplus Deficit	-188	-977	199	734	1951	1180	2709	3871	5079	3874	4458	3780	4299	2721
59 1987 Federal Report Surplus Deficit	1404	-42.2	-230	331	976	1079	1087	-159	2774	-398	1535	3699	2835	966
60 1988 Federal Report Surplus Deficit	665	-962	-145	372	420	-265	-226	-1095	688	-523	1374	2492	1465	1912
61 1989 Federal Report Surplus Deficit	1529	-36.5	72.1	443	611	568	337	-752	2431	1514	4309	3744	3162	1621
62 1990 Federal Report Surplus Deficit	768	-595	21.4	491	1172	1548	2079	3748	3662	1318	4307	3739	4800	3116
63 1991 Federal Report Surplus Deficit	2748	1601	133	280	2641	2209	3715	3475	3227	2374	2581	4058	4408	4268
64 1992 Federal Report Surplus Deficit	3012	2143	110	399	739	-252	573	155	3100	-1022	563	2550	439	793
65 1993 Federal Report Surplus Deficit	877	-624	-396	466	730	203	-1128	-1295	1660	484	1406	4132	3604	2227
66 1994 Federal Report Surplus Deficit	1700	282	672	507	948	400	-863	-448	2012	-627	1285	2628	2589	1588
67 1995 Federal Report Surplus Deficit	1360	-518	62.0	426	244	324	1360	1993	2310	2032	2047	4047	4709	2696
68 1996 Federal Report Surplus Deficit	1274	143	795	1446	3075	3670	4344	4664	5114	3488	4847	4616	4707	4326
69 1997 Federal Report Surplus Deficit	2956	2338	508	532	1336	1950	4390	4480	5008	3788	4878	4649	5037	4405
70 1998 Federal Report Surplus Deficit	3012	3216	1674	3000	2367	947	1697	2622	2456	148	2793	4634	4942	3332
71 1999 Federal Report Surplus Deficit	2860	1354	221	426	681	1390	3961	4331	4884	2364	4048	4184	4978	4520
72 2000 Federal Report Surplus Deficit	3287	3325	981	700	2857	2449	2665	2932	3144	3371	4525	4469	2663	3100
73 2001 Federal Report Surplus Deficit	2233	-412	-135	541	505	-19.9	119	50.2	867	-759	633	1913	-1572	1223
74 2002 Federal Report Surplus Deficit	874	-788	-660	-196	225	192	368	41.4	1240	1122	4132	3740	4928	4155
75 2003 Federal Report Surplus Deficit	764	43.4	191	475	891	192	-557	336	3325	1148	2457	3625	4401	1459
76 2004 Federal Report Surplus Deficit	748	-573	-283	599	1720	356	831	-488	2028	580	1882	3405	2981	1679
77 2005 Federal Report Surplus Deficit	176	-519	995	915	1176	1237	1727	1884	1518	-448	1401	3657	3357	2414
78 2006 Federal Report Surplus Deficit	1407	-199	177	318	1080	979	2726	2980	3481	3616	4625	4573	4919	3094
79 2007 Federal Report Surplus Deficit	2019	-671	-393	345	912	1053	2787	2391	3887	2802	2586	4147	2824	3353
80 2008 Federal Report Surplus Deficit	1193	-594	-539	457	1388	47.8	869	665	1746	725	426	4424	5152	3567

Ranked Averages

81 Bottom 10 pct	404	-746	96.5	563	974	686	1703	1410	2443	747	2368	3665	3564	2667
82 Middle 80 pct	1930	722	291	709	1154	1078	2023	2102	2940	1708	2820	3939	3894	2970
83 Top 10 pct	3142	3018	1661	1120	1701	1217	2236	2169	2930	2047	2843	3690	3338	2762

Federal Report Surplus Deficit By Water Year

Operating Year 2020

2015 White Book Report Date: 6/30/2015

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	1096	796	222	406	570	-1.94	192	112	715	-797	838	2476	3516	-443
2 1930 Federal Report Surplus Deficit	1096	-11.1	516	512	688	53.5	-1233	365	571	290	2122	2499	830	1675
3 1931 Federal Report Surplus Deficit	1606	-58.0	-22.8	460	832	105	-1078	-893	241	-968	-1832	3526	1173	1977
4 1932 Federal Report Surplus Deficit	889	-651	-170	297	210	26.3	-782	-1286	2296	3369	4364	5283	5500	3372
5 1933 Federal Report Surplus Deficit	1234	1649	647	646	686	881	3028	3347	2998	1053	2232	4472	5774	4445
6 1934 Federal Report Surplus Deficit	3055	2332	484	1178	3009	3693	4306	4342	4426	4288	4502	4828	4684	2144
7 1935 Federal Report Surplus Deficit	893	-422	-347	573	387	-78.7	2916	2951	3025	-325	2317	3993	4116	3429
8 1936 Federal Report Surplus Deficit	2742	412	-6.18	357	535	23.0	-948	106	876	355	3857	5251	5320	1850
9 1937 Federal Report Surplus Deficit	1080	-129	-5.57	253	781	55.0	-990	-370	397	-442	-1007	3275	2755	363
10 1938 Federal Report Surplus Deficit	1292	-19.7	118	534	235	763	2508	2702	3572	2736	4667	5127	4905	3271
11 1939 Federal Report Surplus Deficit	865	-310	515	660	402	-72.3	1329	959	1378	1196	3283	4485	2511	1520
12 1940 Federal Report Surplus Deficit	1118	-287	37.2	733	1222	470	751	301	4219	1567	2642	4293	2690	1138
13 1941 Federal Report Surplus Deficit	536	-738	-44.3	401	686	328	145	80.9	1251	-936	666	3550	2657	1921
14 1942 Federal Report Surplus Deficit	819	-275	513	379	1123	1629	1987	557	2801	299	2334	3778	4204	3746
15 1943 Federal Report Surplus Deficit	2090	1005	1040	339	316	157	3204	3387	3392	4528	4733	4770	5793	4383
16 1944 Federal Report Surplus Deficit	1719	438	128	411	726	-57.1	225	261	318	-646	579	1922	184	848
17 1945 Federal Report Surplus Deficit	811	-730	-220	668	554	-23.6	-952	-221	447	-690	-1617	4608	5029	-28.2
18 1946 Federal Report Surplus Deficit	1458	-314	-267	411	810	752	1977	1474	3692	3221	4695	5291	4656	3892
19 1947 Federal Report Surplus Deficit	2701	2029	599	329	1205	3162	3851	3972	3874	2403	2959	5145	4909	3520
20 1948 Federal Report Surplus Deficit	2460	1466	402	2741	2513	1925	3616	3178	3054	1731	4034	5398	5773	4161
21 1949 Federal Report Surplus Deficit	3198	3027	975	646	1081	541	1924	882	4156	2248	4471	5361	5189	474
22 1950 Federal Report Surplus Deficit	0.97	-880	-384	480	409	606	3587	3850	4482	3433	3775	5101	5812	4552
23 1951 Federal Report Surplus Deficit	2843	2062	622	1367	2727	3239	4318	4684	4788	3832	4150	5201	5026	4184
24 1952 Federal Report Surplus Deficit	2839	1319	438	2251	1955	1956	3490	3616	3344	3622	4860	5379	5169	3390
25 1953 Federal Report Surplus Deficit	2438	1252	-360	302	598	46.7	546	3075	2993	368	2181	5007	5832	3767
26 1954 Federal Report Surplus Deficit	1982	1046	467	579	1328	1264	3000	4334	3949	1887	3040	5154	5657	4511
27 1955 Federal Report Surplus Deficit	3326	3621	2689	702	2052	1297	915	1087	920	48.4	1672	4343	5801	4539
28 1956 Federal Report Surplus Deficit	3132	1985	198	890	2411	3174	4163	4659	4521	3287	4838	5384	5798	4245
29 1957 Federal Report Surplus Deficit	2932	2513	520	819	1042	1483	2108	613	3626	3223	2938	5315	5693	3133
30 1958 Federal Report Surplus Deficit	2068	159	346	437	842	501	2454	2440	3182	1434	3823	5356	5544	2408
31 1959 Federal Report Surplus Deficit	1879	42.5	112	496	1767	2801	4001	4353	4067	2726	2765	4856	5595	4381
32 1960 Federal Report Surplus Deficit	3260	2222	2856	3436	3044	2575	2895	2829	3035	4726	3974	4421	5402	3265
33 1961 Federal Report Surplus Deficit	2144	272	97.8	652	973	784	2619	3236	4326	2136	2390	5171	5688	2980
34 1962 Federal Report Surplus Deficit	2071	695	43.7	309	914	396	2353	2686	1398	3535	4795	5080	4710	2791
35 1963 Federal Report Surplus Deficit	1821	1029	-158	993	2033	2470	2971	2744	2731	357	1946	4597	4976	3050
36 1964 Federal Report Surplus Deficit	1940	337	699	406	775	748	1264	1368	1517	2363	1734	4805	5828	4439
37 1965 Federal Report Surplus Deficit	3083	2609	1315	1365	1754	3312	4417	4698	4429	1680	4595	5299	5174	3182
38 1966 Federal Report Surplus Deficit	2861	2489	-137	824	1224	1014	1993	2043	1789	3560	2836	3782	4520	3460
39 1967 Federal Report Surplus Deficit	2120	479	271	264	812	1137	3864	4126	3773	1155	247	4319	5652	4304
40 1968 Federal Report Surplus Deficit	2648	1920	572	593	1537	1017	2744	3662	3429	-102	1266	3398	5219	3775
41 1969 Federal Report Surplus Deficit	2780	2593	1683	1430	2481	1996	4312	4137	3713	3527	4670	5383	5414	3586
42 1970 Federal Report Surplus Deficit	2355	1106	419	580	1164	252	2296	2372	2560	571	1744	4747	5549	2219
43 1971 Federal Report Surplus Deficit	1531	67.4	34.8	315	768	731	4209	4505	4878	3247	4205	5364	5791	4173
44 1972 Federal Report Surplus Deficit	3192	3381	788	927	1212	1349	4017	4697	5035	4669	3520	5373	5718	4452
45 1973 Federal Report Surplus Deficit	3227	3406	1039	795	1298	931	2295	787	1498	-1025	788	3491	2142	987
46 1974 Federal Report Surplus Deficit	1051	-529	-222	459	777	1910	4392	4475	4900	3918	4712	5353	5788	4632
47 1975 Federal Report Surplus Deficit	3163	3394	990	296	784	220	2846	2862	3237	355	1612	5104	5710	4374
48 1976 Federal Report Surplus Deficit	2872	2567	1042	1654	2712	3733	4101	4380	4305	3815	4220	5375	5380	4315
49 1977 Federal Report Surplus Deficit	3365	3709	3397	900	903	-120	340	537	640	-1066	476	1828	-370	615
50 1978 Federal Report Surplus Deficit	792	-607	-677	-83.4	276	1663	2263	2658	2255	3354	2892	4978	4299	3423
51 1979 Federal Report Surplus Deficit	1381	91.7	1614	999	1220	127	820	899	3003	386	2160	4981	3997	347
52 1980 Federal Report Surplus Deficit	410	-282	224	284	682	-221	1527	325	1381	814	3561	5364	5300	1969
53 1981 Federal Report Surplus Deficit	702	-751	328	577	943	2379	3548	3646	3151	-787	1900	4774	5657	3998
54 1982 Federal Report Surplus Deficit	3245	2499	641	590	1485	909	3244	4690	5073	3431	3439	5225	5735	4498

Federal Report Surplus Deficit By Water Year

Operating Year 2020

2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3141	3271	1728	1528	1592	1513	3595	4188	4816	2576	3115	5043	5418	4042
56 1984 Federal Report Surplus Deficit	3070	2861	922	682	2863	1877	3185	3761	3767	3792	4530	5120	5733	4033
57 1985 Federal Report Surplus Deficit	2821	941	929	754	1495	969	1942	1647	1591	1782	3858	5170	4335	-743
58 1986 Federal Report Surplus Deficit	-208	-893	224	698	2002	1208	2768	4075	5100	3873	4478	4501	5058	2690
59 1987 Federal Report Surplus Deficit	1367	10.1	-199	295	1021	1107	1152	30.4	2773	-389	1556	4418	3691	910
60 1988 Federal Report Surplus Deficit	615	-882	-113	337	468	-234	-169	-921	697	-515	1395	3261	2411	1876
61 1989 Federal Report Surplus Deficit	1501	14.7	99.6	407	660	598	399	-571	2432	1527	4325	4474	4009	1578
62 1990 Federal Report Surplus Deficit	718	-528	51.1	455	1217	1575	2141	3951	3661	1332	4323	4456	5509	3097
63 1991 Federal Report Surplus Deficit	2836	1672	159	244	2696	2234	3765	3680	3225	2383	2600	4770	5150	4221
64 1992 Federal Report Surplus Deficit	3148	2238	136	363	786	-220	636	349	3098	-1018	583	3315	1418	732
65 1993 Federal Report Surplus Deficit	828	-563	-365	430	776	234	-1091	-1125	1664	498	1426	4840	4432	2196
66 1994 Federal Report Surplus Deficit	1678	331	694	471	993	430	-814	-262	2013	-620	1305	3390	3460	1545
67 1995 Federal Report Surplus Deficit	1321	-458	84.1	390	301	355	1424	2199	2311	2044	2067	4755	5404	2672
68 1996 Federal Report Surplus Deficit	1232	193	819	1410	3114	3692	4401	4692	5118	3490	4875	5288	5429	4285
69 1997 Federal Report Surplus Deficit	3082	2443	530	496	1381	1976	4450	4508	5012	3779	4893	5303	5762	4364
70 1998 Federal Report Surplus Deficit	3144	3379	1719	2955	2422	976	1761	2829	2456	161	2811	5282	5637	3316
71 1999 Federal Report Surplus Deficit	2956	1415	246	390	730	1417	4010	4531	4910	2371	4063	4885	5647	4475
72 2000 Federal Report Surplus Deficit	3430	3491	1012	665	2910	2473	2724	3139	3142	3380	4545	5144	3546	3080
73 2001 Federal Report Surplus Deficit	2256	-350	-101	506	554	11.2	181	244	874	-752	654	2697	-515	1171
74 2002 Federal Report Surplus Deficit	825	-716	-612	-228	283	223	430	235	1246	1137	4148	4464	5640	4126
75 2003 Federal Report Surplus Deficit	714	95.8	217	439	936	223	-504	532	3323	1162	2477	4350	5154	1463
76 2004 Federal Report Surplus Deficit	698	-505	-247	563	1770	386	895	-303	2029	594	1903	4144	3834	1636
77 2005 Federal Report Surplus Deficit	132	-457	1034	879	1221	1265	1790	2091	1522	-438	1422	4376	4193	2385
78 2006 Federal Report Surplus Deficit	1366	-141	204	282	1125	1007	2784	3186	3479	3624	4645	5244	5635	3073
79 2007 Federal Report Surplus Deficit	2016	-598	-344	309	958	1081	2844	2598	3886	2810	2605	4848	3691	3335
80 2008 Federal Report Surplus Deficit	1149	-525	-490	422	1434	78.9	933	865	1749	739	445	5107	5849	3550
Ranked Averages														
81 Bottom 10 pct	361	-673	128	527	1023	715	1761	1606	2452	755	2387	4384	4365	2629
82 Middle 80 pct	1952	794	321	673	1203	1106	2079	2280	2944	1716	2838	4641	4669	2934
83 Top 10 pct	3280	3170	1675	1083	1748	1244	2294	2331	2937	2051	2861	4398	4145	2739

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2015 White Book Report Date: 6/30/2015

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	979	811	189	355	554	-78.1	72.6	-72.1	700	-872	828	1484	2478	-524
2 1930 Federal Report Surplus Deficit	980	2.07	488	460	659	-27.8	-1225	181	550	209	2115	1522	-277	1593
3 1931 Federal Report Surplus Deficit	1488	-44.7	-51.8	408	796	41.5	-1092	-1061	208	-1044	-1842	2545	72.9	1894
4 1932 Federal Report Surplus Deficit	773	-638	-215	245	205	-47.2	-814	-1424	2308	3241	4334	4354	4592	3264
5 1933 Federal Report Surplus Deficit	1118	1667	618	593	663	846	2879	3140	3004	969	2226	3502	4865	4310
6 1934 Federal Report Surplus Deficit	2922	2352	456	1125	2992	3641	4008	4295	4371	4084	4421	3873	3729	2058
7 1935 Federal Report Surplus Deficit	777	-409	-385	520	387	-174	2764	2745	3031	-403	2311	3038	3114	3332
8 1936 Federal Report Surplus Deficit	2616	426	-53.0	306	515	-51.6	-956	-77.6	866	272	3852	4263	4365	1758
9 1937 Federal Report Surplus Deficit	964	-116	-46.5	202	747	-12.4	-1020	-547	369	-518	-1019	2303	1680	283
10 1938 Federal Report Surplus Deficit	1174	-6.37	84.1	482	261	723	2344	2497	3571	2599	4634	4076	3921	3168
11 1939 Federal Report Surplus Deficit	749	-297	487	608	396	-166	1167	765	1375	1110	3278	3517	1447	1438
12 1940 Federal Report Surplus Deficit	1001	-274	7.09	680	1181	421	601	116	4190	1480	2636	3342	1639	1058
13 1941 Federal Report Surplus Deficit	421	-726	-75.6	349	657	267	34.8	-103	1251	-1010	656	2597	1606	1838
14 1942 Federal Report Surplus Deficit	703	-262	481	327	1082	1611	1819	368	2811	219	2328	2813	3232	3636
15 1943 Federal Report Surplus Deficit	1969	1021	992	288	326	80.4	3058	3179	3394	4281	4635	3810	4895	4230
16 1944 Federal Report Surplus Deficit	1600	452	90.5	360	701	-141	101	75.5	289	-722	569	957	-930	769
17 1945 Federal Report Surplus Deficit	695	-717	-255	615	534	-90.2	-957	-397	419	-765	-1627	3637	4091	83.6
18 1946 Federal Report Surplus Deficit	1341	-301	-334	360	781	711	1809	1276	3686	3077	4658	4288	3666	3778
19 1947 Federal Report Surplus Deficit	2575	2048	570	279	1165	3128	3733	3763	3860	2310	2947	4195	3961	3416
20 1948 Federal Report Surplus Deficit	2335	1484	373	2704	2498	1909	3488	2971	3062	1641	4027	4496	4846	4025
21 1949 Federal Report Surplus Deficit	3062	3046	937	594	1043	490	1756	690	4132	2143	4454	4399	4203	192
22 1950 Federal Report Surplus Deficit	-114	-872	-451	428	409	564	3457	3641	4444	3317	3749	4123	4905	4398
23 1951 Federal Report Surplus Deficit	2714	2081	594	1315	2716	3204	4066	4620	4731	3652	4077	4188	4049	4036
24 1952 Federal Report Surplus Deficit	2712	1336	410	2205	1923	1940	3358	3409	3349	3448	4809	4490	4193	3282
25 1953 Federal Report Surplus Deficit	2313	1269	-426	252	575	-26.9	416	2869	3003	286	2174	3984	4928	3646
26 1954 Federal Report Surplus Deficit	1862	1062	438	527	1287	1239	2849	4125	3934	1794	3029	4139	4699	4338
27 1955 Federal Report Surplus Deficit	3188	3627	2588	649	2023	1276	765	892	911	-31.5	1664	3381	4885	4398
28 1956 Federal Report Surplus Deficit	2997	2005	166	837	2393	3140	4054	4579	4485	3124	4824	4482	4892	4098
29 1957 Federal Report Surplus Deficit	2802	2533	492	767	1004	1463	1941	424	3623	3120	2920	4473	4804	3028
30 1958 Federal Report Surplus Deficit	1947	173	317	385	809	447	2289	2237	3186	1345	3816	4459	4600	2309
31 1959 Federal Report Surplus Deficit	1759	55.7	77.7	444	1731	2776	3888	4143	4041	2630	2752	3877	4696	4250
32 1960 Federal Report Surplus Deficit	3125	2242	2814	3419	3024	2552	2747	2623	3043	4617	3834	3456	4471	3166
33 1961 Federal Report Surplus Deficit	2023	286	62.0	599	936	745	2460	3029	4296	2048	2377	4209	4779	2874
34 1962 Federal Report Surplus Deficit	1950	710	11.0	258	879	337	2187	2480	1400	3386	4756	4095	3752	2696
35 1963 Federal Report Surplus Deficit	1701	1045	-213	940	2004	2450	2825	2539	2742	276	1938	3584	4005	2942
36 1964 Federal Report Surplus Deficit	1819	351	668	355	746	708	1104	1171	1521	2273	1725	3815	4823	4286
37 1965 Federal Report Surplus Deficit	2950	2630	1261	1313	1717	3273	4094	4663	4380	1568	4574	4345	4203	3082
38 1966 Federal Report Surplus Deficit	2731	2509	-175	771	1183	986	1824	1840	1797	3458	2821	2836	3540	3355
39 1967 Federal Report Surplus Deficit	1999	493	242	212	781	1110	3746	3917	3759	1070	236	3331	4681	4176
40 1968 Federal Report Surplus Deficit	2522	1939	542	540	1497	990	2585	3454	3426	-182	1258	2433	4234	3656
41 1969 Federal Report Surplus Deficit	2653	2613	1606	1378	2465	1979	4051	3927	3701	3318	4599	4459	4459	3478
42 1970 Federal Report Surplus Deficit	2232	1122	390	528	1124	184	2129	2168	2572	489	1736	3789	4613	2127
43 1971 Federal Report Surplus Deficit	1413	80.7	-0.76	264	741	690	4095	4467	4804	3109	4166	4432	4856	4014
44 1972 Federal Report Surplus Deficit	3060	3397	757	874	1172	1326	3902	4628	5019	4452	3384	4442	4756	4285
45 1973 Federal Report Surplus Deficit	3090	3419	999	742	1257	896	2128	595	1503	-1100	778	2517	1066	907
46 1974 Federal Report Surplus Deficit	935	-517	-257	407	750	1894	4072	4439	4881	3698	4631	4392	4936	4455
47 1975 Federal Report Surplus Deficit	3028	3407	955	246	755	146	2689	2656	3245	274	1603	4117	4809	4238
48 1976 Federal Report Surplus Deficit	2743	2587	1001	1602	2702	3681	3991	4170	4270	3656	4164	4485	4441	4168
49 1977 Federal Report Surplus Deficit	3242	3710	3499	847	867	-194	205	346	624	-1140	465	864	-1487	536
50 1978 Federal Report Surplus Deficit	676	-594	-744	-132	290	1645	2096	2452	2267	3249	2874	4013	3318	3323
51 1979 Federal Report Surplus Deficit	1264	105	1526	946	1179	49.8	672	707	3013	305	2153	4000	2994	267
52 1980 Federal Report Surplus Deficit	295	-269	192	233	654	-329	1362	139	1383	730	3557	4465	4337	1880
53 1981 Federal Report Surplus Deficit	586	-738	300	525	906	2361	3425	3438	3156	-863	1893	3778	4759	3881
54 1982 Federal Report Surplus Deficit	3111	2520	612	538	1445	874	3099	4654	4979	3330	3426	4256	4836	4362

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3009	3288	1649	1476	1553	1493	3462	3979	4745	2481	3104	4055	4475	3932
56 1984 Federal Report Surplus Deficit	2937	2881	886	629	2854	1860	3037	3553	3762	3639	4486	4158	4852	3903
57 1985 Federal Report Surplus Deficit	2694	957	893	701	1454	937	1773	1448	1597	1690	3850	4189	3339	-825
58 1986 Federal Report Surplus Deficit	-323	-884	192	646	1971	1184	2608	3867	4983	3693	4398	3560	4120	2576
59 1987 Federal Report Surplus Deficit	1250	23.2	-241	244	985	1079	994	-152	2782	-466	1547	3438	2692	830
60 1988 Federal Report Surplus Deficit	499	-869	-155	285	446	-342	-255	-1089	680	-591	1386	2286	1340	1790
61 1989 Federal Report Surplus Deficit	1383	28.0	63.6	355	638	550	274	-745	2443	1435	4314	3508	3008	1497
62 1990 Federal Report Surplus Deficit	603	-515	12.1	403	1176	1557	1973	3742	3652	1243	4313	3496	4549	2993
63 1991 Federal Report Surplus Deficit	2709	1691	125	193	2686	2217	3645	3471	3228	2288	2588	3803	4204	4066
64 1992 Federal Report Surplus Deficit	3016	2258	102	312	755	-327	492	162	3103	-1094	572	2336	324	653
65 1993 Federal Report Surplus Deficit	713	-550	-406	378	744	166	-1083	-1289	1668	416	1418	3838	3455	2108
66 1994 Federal Report Surplus Deficit	1560	345	665	419	955	380	-840	-440	2024	-695	1296	2438	2438	1462
67 1995 Federal Report Surplus Deficit	1204	-445	55.4	338	305	295	1261	1997	2323	1956	2060	3758	4462	2578
68 1996 Federal Report Surplus Deficit	1115	206	788	1357	3086	3640	4081	4656	5097	3329	4819	4307	4494	4157
69 1997 Federal Report Surplus Deficit	2951	2464	502	444	1340	1960	4126	4472	4994	3571	4827	4387	4851	4228
70 1998 Federal Report Surplus Deficit	3012	3395	1638	2922	2404	942	1593	2623	2468	80.7	2806	4363	4751	3210
71 1999 Federal Report Surplus Deficit	2828	1432	214	339	705	1396	3897	4321	4845	2277	4034	3901	4668	4318
72 2000 Federal Report Surplus Deficit	3291	3506	972	612	2900	2454	2564	2932	3150	3236	4506	4173	2495	2984
73 2001 Federal Report Surplus Deficit	2134	-337	-146	454	534	-65.5	56.1	57.8	865	-828	643	1704	-1637	1091
74 2002 Federal Report Surplus Deficit	709	-703	-679	-275	292	153	302	49.0	1244	1051	4142	3518	4701	4012
75 2003 Federal Report Surplus Deficit	598	109	183	387	898	155	-560	344	3326	1077	2471	3413	4238	1265
76 2004 Federal Report Surplus Deficit	582	-492	-295	511	1737	327	745	-480	2040	512	1895	3203	2829	1554
77 2005 Federal Report Surplus Deficit	17.3	-444	985	826	1181	1241	1621	1888	1527	-516	1414	3449	3209	2300
78 2006 Federal Report Surplus Deficit	1249	-129	169	231	1086	977	2627	2980	3473	3453	4590	4321	4707	2965
79 2007 Federal Report Surplus Deficit	1896	-585	-410	258	922	1052	2689	2393	3874	2718	2599	3876	2668	3236
80 2008 Federal Report Surplus Deficit	1032	-512	-558	369	1394	-0.84	782	672	1756	656	435	4123	4886	3437

Ranked Averages

81 Bottom 10 pct	246	-662	86.4	475	995	659	1625	1413	2433	659	2368	3433	3388	2527
82 Middle 80 pct	1830	809	280	622	1178	1059	1935	2103	2934	1607	2816	3678	3700	2825
83 Top 10 pct	3146	3184	1647	1034	1717	1209	2146	2170	2920	1938	2814	3436	3153	2604

Federal Report Surplus Deficit By Water Year

Operating Year 2022

2015 White Book Report Date: 6/30/2015

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	883	719	78.8	284	451	-128	-26.4	-151	595	-918	793	2371	3461	-467
2 1930 Federal Report Surplus Deficit	883	-85.7	375	389	565	-78.7	-1309	103	444	162	2083	2405	784	1649
3 1931 Federal Report Surplus Deficit	1394	-133	-164	343	713	-4.79	-1175	-1123	109	-1083	-1864	3416	1134	1952
4 1932 Federal Report Surplus Deficit	677	-719	-321	178	98.4	-97.0	-902	-1485	2191	3195	4310	5143	5392	3313
5 1933 Federal Report Surplus Deficit	1021	1573	504	524	567	794	2776	3052	2883	923	2195	4350	5642	4345
6 1934 Federal Report Surplus Deficit	2838	2259	343	1059	2901	3526	4099	4216	4263	4038	4400	4701	4599	2117
7 1935 Federal Report Surplus Deficit	680	-494	-493	453	278	-226	2660	2656	2905	-446	2282	3896	4052	3380
8 1936 Federal Report Surplus Deficit	2528	336	-158	235	415	-101	-1040	-156	761	229	3828	5069	5188	1814
9 1937 Federal Report Surplus Deficit	867	-203	-153	136	660	-62.1	-1108	-620	271	-560	-1046	3177	2705	341
10 1938 Federal Report Surplus Deficit	1079	-94.7	-25.5	414	136	672	2241	2408	3448	2553	4610	4893	4788	3216
11 1939 Federal Report Surplus Deficit	652	-381	374	537	288	-218	1063	682	1267	1065	3251	4362	2468	1497
12 1940 Federal Report Surplus Deficit	905	-361	-104	611	1098	371	497	39.6	4069	1435	2608	4192	2656	1118
13 1941 Federal Report Surplus Deficit	324	-806	-186	281	566	217	-63.6	-179	1141	-1053	623	3458	2619	1893
14 1942 Federal Report Surplus Deficit	606	-348	367	259	997	1550	1713	286	2690	173	2298	3672	4144	3678
15 1943 Federal Report Surplus Deficit	1877	928	881	217	208	30.7	2958	3091	3270	4229	4608	4637	5659	4263
16 1944 Federal Report Surplus Deficit	1507	361	-17.4	292	606	-192	1.16	-4.31	190	-766	536	1828	133	828
17 1945 Federal Report Surplus Deficit	598	-799	-364	546	438	-140	-1041	-469	317	-814	-1659	4475	4931	142
18 1946 Federal Report Surplus Deficit	1245	-386	-420	286	687	661	1704	1189	3563	3029	4632	5083	4558	3816
19 1947 Federal Report Surplus Deficit	2487	1955	457	211	1080	3028	3636	3677	3736	2259	2915	5003	4814	3460
20 1948 Federal Report Surplus Deficit	2246	1390	261	2623	2405	1842	3389	2882	2939	1594	4001	5255	5615	4062
21 1949 Federal Report Surplus Deficit	2977	2956	824	521	956	441	1651	607	4011	2096	4428	5183	5043	250
22 1950 Federal Report Surplus Deficit	-211	-950	-538	357	297	513	3358	3555	4324	3265	3718	4935	5671	4427
23 1951 Federal Report Surplus Deficit	2628	1988	480	1238	2620	3103	4112	4535	4619	3599	4047	4988	4899	4069
24 1952 Federal Report Surplus Deficit	2624	1243	297	2126	1839	1873	3259	3320	3224	3398	4782	5249	5034	3327
25 1953 Federal Report Surplus Deficit	2224	1176	-524	183	478	-77.2	316	2780	2879	239	2142	4811	5692	3687
26 1954 Federal Report Surplus Deficit	1769	969	326	457	1203	1184	2746	4039	3809	1745	2998	4954	5482	4371
27 1955 Federal Report Surplus Deficit	3100	3540	2491	579	1940	1218	662	807	804	-76.6	1632	4230	5657	4428
28 1956 Federal Report Surplus Deficit	2912	1911	55.6	762	2303	3041	3959	4494	4366	3074	4795	5242	5661	4133
29 1957 Federal Report Surplus Deficit	2717	2441	379	691	916	1405	1836	342	3498	3069	2889	5208	5563	3075
30 1958 Federal Report Surplus Deficit	1855	83.5	205	316	720	397	2184	2148	3062	1298	3789	5228	5394	2362
31 1959 Federal Report Surplus Deficit	1666	-32.6	-31.8	375	1652	2687	3790	4058	3918	2576	2717	4695	5475	4283
32 1960 Federal Report Surplus Deficit	3040	2149	2713	3311	2928	2465	2644	2534	2918	4560	3803	4304	5285	3215
33 1961 Federal Report Surplus Deficit	1931	196	-46.8	532	853	694	2356	2940	4176	2000	2346	5012	5554	2925
34 1962 Federal Report Surplus Deficit	1858	618	-99.1	192	789	288	2082	2391	1287	3335	4727	4913	4638	2745
35 1963 Federal Report Surplus Deficit	1608	952	-315	872	1926	2371	2724	2450	2620	230	1906	4429	4863	2992
36 1964 Federal Report Surplus Deficit	1727	260	555	288	651	657	1000	1085	1407	2225	1691	4648	5602	4317
37 1965 Federal Report Surplus Deficit	2866	2538	1151	1236	1635	3168	4193	4573	4262	1517	4543	5121	5017	3124
38 1966 Federal Report Surplus Deficit	2645	2417	-283	698	1099	932	1719	1752	1679	3405	2787	3697	4439	3401
39 1967 Federal Report Surplus Deficit	1907	402	130	147	695	1055	3648	3831	3633	1021	201	4175	5457	4207
40 1968 Federal Report Surplus Deficit	2434	1845	429	471	1414	935	2482	3366	3299	-228	1225	3300	5046	3692
41 1969 Federal Report Surplus Deficit	2566	2522	1504	1301	2374	1911	4105	3841	3576	3268	4571	5231	5279	3523
42 1970 Federal Report Surplus Deficit	2142	1029	278	460	1038	134	2025	2079	2449	438	1699	4618	5401	2178
43 1971 Federal Report Surplus Deficit	1318	-7.65	-110	190	646	641	4005	4380	4692	3055	4135	5197	5624	4045
44 1972 Federal Report Surplus Deficit	2975	3308	643	799	1088	1270	3806	4543	4919	4395	3351	5208	5530	4312
45 1973 Federal Report Surplus Deficit	3004	3331	886	668	1173	844	2023	511	1387	-1147	743	3382	2099	964
46 1974 Federal Report Surplus Deficit	838	-600	-366	332	656	1828	4157	4350	4783	3646	4603	5170	5697	4483
47 1975 Federal Report Surplus Deficit	2943	3319	841	173	661	96.9	2586	2568	3118	225	1568	4928	5577	4266
48 1976 Federal Report Surplus Deficit	2657	2496	889	1525	2607	3562	3894	4085	4150	3605	4135	5243	5253	4196
49 1977 Federal Report Surplus Deficit	3155	3623	3383	780	784	-244	104	264	516	-1182	433	1736	-424	595
50 1978 Federal Report Surplus Deficit	579	-678	-830	-197	170	1583	1991	2363	2148	3199	2843	4820	4224	3363
51 1979 Federal Report Surplus Deficit	1168	16.2	1424	869	1094	-0.62	569	624	2890	259	2121	4826	3941	326
52 1980 Federal Report Surplus Deficit	197	-354	81.8	167	559	-375	1258	59.1	1270	683	3529	5228	5141	1936
53 1981 Federal Report Surplus Deficit	489	-819	187	458	819	2283	3326	3350	3032	-908	1861	4615	5526	3920
54 1982 Federal Report Surplus Deficit	3027	2427	498	463	1363	824	2998	4565	4875	3277	3393	5042	5598	4388

Federal Report Surplus Deficit By Water Year

Operating Year 2022

2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	2924	3199	1545	1399	1470	1435	3363	3893	4630	2430	3072	4864	5277	3964
56 1984 Federal Report Surplus Deficit	2853	2790	773	554	2757	1796	2936	3466	3635	3584	4454	4964	5620	3935
57 1985 Federal Report Surplus Deficit	2606	864	780	626	1372	885	1668	1361	1484	1641	3822	4998	4259	-771
58 1986 Federal Report Surplus Deficit	-419	-963	81.6	571	1887	1130	2505	3780	4878	3638	4367	4394	4959	2622
59 1987 Federal Report Surplus Deficit	1154	-64.4	-347	177	897	1025	890	-229	2660	-512	1514	4285	3648	890
60 1988 Federal Report Surplus Deficit	402	-948	-262	219	352	-387	-350	-1155	573	-636	1352	3159	2374	1849
61 1989 Federal Report Surplus Deficit	1288	-60.2	-45.1	289	542	500	174	-816	2324	1386	4286	4350	3952	1554
62 1990 Federal Report Surplus Deficit	505	-598	-95.5	336	1095	1494	1868	3656	3526	1191	4281	4337	5354	3044
63 1991 Federal Report Surplus Deficit	2622	1597	15.6	128	2597	2142	3546	3384	3103	2239	2557	4637	5033	4102
64 1992 Federal Report Surplus Deficit	2931	2165	-7.43	246	666	-381	390	82.0	2978	-1139	538	3206	1378	713
65 1993 Federal Report Surplus Deficit	616	-634	-513	309	658	116	-1167	-1352	1553	367	1381	4670	4370	2162
66 1994 Federal Report Surplus Deficit	1466	255	552	352	868	330	-927	-515	1905	-742	1261	3303	3409	1520
67 1995 Federal Report Surplus Deficit	1108	-530	-57.0	270	194	246	1156	1910	2203	1906	2026	4592	5262	2626
68 1996 Federal Report Surplus Deficit	1019	117	674	1281	2987	3523	4182	4566	4997	3276	4787	5102	5290	4186
69 1997 Federal Report Surplus Deficit	2866	2371	389	371	1258	1894	4223	4383	4894	3516	4794	5146	5611	4255
70 1998 Federal Report Surplus Deficit	2927	3306	1534	2831	2313	891	1489	2535	2345	29.1	2770	5128	5520	3253
71 1999 Federal Report Surplus Deficit	2741	1339	104	266	608	1338	3800	4236	4733	2224	4002	4728	5458	4347
72 2000 Federal Report Surplus Deficit	3205	3418	859	537	2801	2375	2460	2843	3024	3184	4478	4982	3476	3034
73 2001 Federal Report Surplus Deficit	2042	-421	-252	386	440	-116	-44.2	-22.0	757	-876	606	2586	-575	1151
74 2002 Federal Report Surplus Deficit	612	-783	-765	-331	182	104	202	-30.6	1131	999	4110	4362	5481	4051
75 2003 Federal Report Surplus Deficit	501	21.4	73.2	320	818	105	-652	262	3199	1025	2435	4258	5078	1325
76 2004 Federal Report Surplus Deficit	485	-574	-400	443	1658	277	642	-554	1920	462	1860	4054	3777	1613
77 2005 Federal Report Surplus Deficit	-80.4	-528	874	758	1102	1185	1516	1799	1412	-564	1377	4287	4137	2355
78 2006 Federal Report Surplus Deficit	1153	-214	59.7	160	1000	924	2523	2891	3347	3401	4562	5103	5487	3013
79 2007 Federal Report Surplus Deficit	1804	-665	-508	190	837	998	2585	2304	3748	2664	2563	4706	3635	3283
80 2008 Federal Report Surplus Deficit	936	-594	-644	304	1322	-42.4	691	600	1650	612	403	4934	5656	3483
Ranked Averages														
81 Bottom 10 pct	148	-743	-20.1	407	905	605	1524	1332	2319	611	2336	4266	4276	2577
82 Middle 80 pct	1738	720	172	552	1086	998	1856	2019	2817	1558	2785	4498	4558	2870
83 Top 10 pct	3060	3094	1537	957	1629	1149	2044	2084	2807	1888	2783	4259	4033	2648

Federal Report Surplus Deficit By Water Year

Operating Year 2023

2015 White Book Report Date: 6/30/2015

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	942	807	98.4	245	385	-194	-109	-220	566	-941	723	1377	2470	-501
2 1930 Federal Report Surplus Deficit	942	5.25	396	349	500	-144	-1386	33.0	417	132	2012	1414	-336	1596
3 1931 Federal Report Surplus Deficit	1461	-35.7	-136	303	649	-72.7	-1254	-1216	96.6	-1107	-1921	2456	31.0	1898
4 1932 Federal Report Surplus Deficit	738	-622	-297	139	31.0	-163	-981	-1592	2157	3155	4237	4279	4541	3264
5 1933 Federal Report Surplus Deficit	1079	1658	528	484	502	722	2694	2989	2856	887	2125	3420	4803	4312
6 1934 Federal Report Surplus Deficit	2911	2346	368	1017	2839	3585	4023	4148	4241	4007	4326	3797	3708	2062
7 1935 Federal Report Surplus Deficit	743	-397	-469	412	210	-289	2578	2597	2879	-473	2212	2951	3104	3332
8 1936 Federal Report Surplus Deficit	2593	424	-140	196	349	-167	-1119	-226	731	197	3757	4186	4324	1760
9 1937 Federal Report Surplus Deficit	928	-108	-130	97.4	596	-129	-1188	-699	247	-585	-1108	2208	1666	297
10 1938 Federal Report Surplus Deficit	1139	-3.06	-4.00	374	65.3	601	2157	2350	3426	2513	4535	3993	3893	3167
11 1939 Federal Report Surplus Deficit	710	-289	397	496	220	-281	979	623	1235	1029	3181	3431	1433	1444
12 1940 Federal Report Surplus Deficit	967	-267	-81.6	569	1035	301	414	-29.0	4052	1398	2539	3254	1626	1067
13 1941 Federal Report Surplus Deficit	383	-710	-163	241	501	149	-146	-249	1108	-1076	553	2504	1594	1839
14 1942 Federal Report Surplus Deficit	666	-255	391	219	934	1476	1630	223	2661	143	2228	2724	3218	3636
15 1943 Federal Report Surplus Deficit	1939	1014	901	178	139	-35.3	2876	3031	3245	4196	4533	3723	4822	4229
16 1944 Federal Report Surplus Deficit	1567	449	1.36	253	541	-257	-81.6	-71.4	166	-791	467	857	-1014	780
17 1945 Federal Report Surplus Deficit	658	-704	-342	505	372	-207	-1120	-551	293	-836	-1716	3547	4054	100
18 1946 Federal Report Surplus Deficit	1303	-295	-407	247	623	590	1620	1133	3542	2989	4555	4206	3644	3776
19 1947 Federal Report Surplus Deficit	2556	2042	479	172	1016	2956	3556	3609	3718	2220	2846	4114	3929	3413
20 1948 Federal Report Surplus Deficit	2310	1475	281	2578	2340	1767	3309	2822	2912	1555	3930	4419	4778	4027
21 1949 Federal Report Surplus Deficit	3055	3045	848	481	892	371	1567	546	3994	2057	4355	4318	4166	205
22 1950 Federal Report Surplus Deficit	-155	-853	-520	317	229	443	3278	3489	4306	3225	3648	4037	4834	4393
23 1951 Federal Report Surplus Deficit	2692	2068	493	1195	2555	3031	4036	4467	4590	3560	3976	4103	4014	4034
24 1952 Federal Report Surplus Deficit	2688	1326	313	2081	1775	1799	3178	3258	3199	3359	4703	4415	4158	3279
25 1953 Federal Report Surplus Deficit	2286	1259	-506	144	413	-144	233	2722	2850	208	2072	3903	4857	3644
26 1954 Federal Report Surplus Deficit	1832	1057	347	417	1139	1111	2663	3970	3792	1706	2929	4057	4639	4337
27 1955 Federal Report Surplus Deficit	3180	3572	2509	538	1876	1144	579	749	773	-106	1562	3294	4819	4394
28 1956 Federal Report Surplus Deficit	2981	1992	76.8	721	2238	2969	3881	4425	4348	3034	4717	4404	4824	4098
29 1957 Federal Report Surplus Deficit	2790	2529	398	650	853	1331	1753	279	3475	3029	2819	4398	4730	3025
30 1958 Federal Report Surplus Deficit	1915	172	224	277	656	328	2101	2092	3037	1260	3719	4385	4545	2308
31 1959 Federal Report Surplus Deficit	1727	57.4	-11.6	336	1589	2614	3711	3988	3901	2536	2647	3795	4634	4250
32 1960 Federal Report Surplus Deficit	3115	2235	2730	3269	2867	2391	2562	2476	2889	4532	3733	3370	4427	3167
33 1961 Federal Report Surplus Deficit	1996	289	-25.1	491	789	623	2273	2881	4159	1961	2276	4131	4716	2874
34 1962 Federal Report Surplus Deficit	1923	710	-80.9	153	725	219	1999	2334	1254	3295	4649	4014	3732	2693
35 1963 Federal Report Surplus Deficit	1672	1041	-296	830	1862	2297	2642	2393	2590	200	1836	3500	3977	2942
36 1964 Federal Report Surplus Deficit	1791	351	580	248	587	586	917	1028	1373	2185	1621	3731	4761	4283
37 1965 Federal Report Surplus Deficit	2930	2616	1164	1193	1571	3097	4118	4506	4242	1479	4465	4264	4155	3074
38 1966 Federal Report Surplus Deficit	2710	2498	-266	657	1036	859	1635	1697	1645	3367	2718	2744	3524	3354
39 1967 Federal Report Surplus Deficit	1973	494	155	107	631	983	3569	3762	3615	985	132	3241	4617	4173
40 1968 Federal Report Surplus Deficit	2496	1926	450	430	1351	863	2399	3303	3277	-257	1154	2336	4186	3650
41 1969 Federal Report Surplus Deficit	2625	2599	1517	1257	2309	1837	4028	3772	3557	3229	4494	4381	4416	3478
42 1970 Federal Report Surplus Deficit	2209	1119	301	420	975	67.3	1941	2023	2418	406	1629	3702	4554	2124
43 1971 Federal Report Surplus Deficit	1371	76.2	-97.7	151	581	570	3928	4313	4663	3015	4063	4347	4785	4009
44 1972 Federal Report Surplus Deficit	3041	3392	659	758	1024	1196	3727	4475	4870	4365	3281	4357	4688	4278
45 1973 Federal Report Surplus Deficit	3076	3419	902	627	1110	772	1940	451	1353	-1170	673	2421	1043	914
46 1974 Federal Report Surplus Deficit	894	-510	-349	292	591	1754	4097	4283	4733	3609	4528	4309	4861	4448
47 1975 Federal Report Surplus Deficit	3011	3404	858	134	596	30.6	2503	2510	3092	193	1497	4031	4739	4232
48 1976 Federal Report Surplus Deficit	2718	2573	903	1482	2541	3492	3816	4015	4132	3567	4064	4407	4394	4162
49 1977 Federal Report Surplus Deficit	3229	3622	3398	739	720	-310	20.9	202	488	-1204	364	765	-1593	549
50 1978 Federal Report Surplus Deficit	641	-581	-810	-235	100.0	1509	1908	2306	2114	3159	2774	3934	3301	3316
51 1979 Federal Report Surplus Deficit	1218	97.1	1435	828	1031	-66.5	485	563	2860	228	2051	3919	2987	282
52 1980 Federal Report Surplus Deficit	256	-259	105	128	495	-438	1174	-7.99	1237	649	3460	4390	4288	1882
53 1981 Federal Report Surplus Deficit	548	-724	210	418	755	2210	3246	3285	3007	-931	1790	3696	4691	3884
54 1982 Federal Report Surplus Deficit	3101	2514	518	424	1299	752	2916	4498	4832	3237	3324	4170	4762	4353

Federal Report Surplus Deficit By Water Year

Operating Year 2023

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	2985	3277	1558	1356	1406	1362	3283	3826	4605	2389	3002	3967	4420	3926
56 1984 Federal Report Surplus Deficit	2917	2869	789	514	2692	1722	2854	3402	3614	3546	4380	4070	4781	3897
57 1985 Federal Report Surplus Deficit	2666	945	795	586	1308	813	1584	1305	1449	1603	3752	4108	3325	-803
58 1986 Federal Report Surplus Deficit	-379	-872	97.7	531	1823	1056	2422	3714	4838	3601	4293	3468	4081	2568
59 1987 Federal Report Surplus Deficit	1207	20.1	-328	138	833	952	806	-301	2630	-537	1443	3351	2685	841
60 1988 Federal Report Surplus Deficit	464	-849	-237	180	287	-450	-432	-1250	545	-661	1282	2190	1321	1796
61 1989 Federal Report Surplus Deficit	1351	33.7	-21.6	250	477	430	91.0	-900	2290	1349	4213	3420	2998	1501
62 1990 Federal Report Surplus Deficit	563	-505	-75.1	296	1032	1420	1784	3588	3506	1154	4209	3409	4500	2993
63 1991 Federal Report Surplus Deficit	2691	1685	36.8	88.8	2532	2068	3467	3319	3079	2198	2487	3719	4163	4068
64 1992 Federal Report Surplus Deficit	3004	2252	15.3	207	602	-442	306	16.0	2953	-1163	468	2240	288	666
65 1993 Federal Report Surplus Deficit	677	-539	-490	269	594	48.9	-1244	-1453	1519	335	1311	3753	3440	2107
66 1994 Federal Report Surplus Deficit	1524	343	573	312	804	260	-1007	-592	1870	-766	1191	2341	2432	1467
67 1995 Federal Report Surplus Deficit	1170	-435	-33.7	230	126	177	1073	1854	2169	1867	1955	3673	4409	2573
68 1996 Federal Report Surplus Deficit	1070	200	687	1238	2928	3585	4106	4499	4948	3236	4708	4226	4439	4152
69 1997 Federal Report Surplus Deficit	2928	2449	404	331	1194	1820	4153	4316	4845	3478	4715	4303	4775	4221
70 1998 Federal Report Surplus Deficit	2991	3388	1548	2787	2248	819	1405	2477	2313	-0.62	2700	4281	4681	3203
71 1999 Federal Report Surplus Deficit	2804	1420	118	227	543	1265	3722	4166	4704	2184	3932	3813	4608	4314
72 2000 Federal Report Surplus Deficit	3279	3505	879	497	2737	2301	2377	2784	2997	3145	4402	4089	2485	2983
73 2001 Federal Report Surplus Deficit	2109	-326	-229	346	374	-182	-127	-89.1	727	-900	536	1600	-1748	1101
74 2002 Federal Report Surplus Deficit	673	-686	-743	-368	113	36.7	119	-98.0	1099	963	4039	3432	4641	4014
75 2003 Federal Report Surplus Deficit	559	114	95.6	281	754	37.6	-732	198	3174	990	2365	3328	4203	1274
76 2004 Federal Report Surplus Deficit	546	-477	-377	403	1594	209	558	-633	1886	430	1789	3114	2820	1560
77 2005 Federal Report Surplus Deficit	-23.0	-434	898	717	1039	1111	1432	1744	1378	-591	1307	3362	3198	2301
78 2006 Federal Report Surplus Deficit	1211	-123	77.8	121	937	852	2440	2832	3326	3362	4487	4241	4644	2961
79 2007 Federal Report Surplus Deficit	1865	-572	-489	151	774	926	2503	2247	3729	2624	2493	3792	2660	3234
80 2008 Federal Report Surplus Deficit	989	-505	-625	264	1259	-108	607	540	1615	578	334	4044	4819	3436
Ranked Averages														
81 Bottom 10 pct	205	-647	1.74	367	840	536	1442	1262	2288	581	2265	3345	3353	2528
82 Middle 80 pct	1800	808	192	511	1021	932	1775	1953	2789	1523	2714	3592	3656	2826
83 Top 10 pct	3135	3163	1555	917	1566	1077	1961	2022	2775	1857	2712	3348	3100	2606

Federal Report Surplus Deficit By Water Year

Operating Year 2024

2015 White Book Report Date: 6/30/2015

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	889	750	43.6	270	436	-159	-20.7	-19.6	574	-864	751	2312	3483	-475
2 1930 Federal Report Surplus Deficit	888	-50.4	340	374	556	-104	-1394	233	426	221	2042	2344	786	1634
3 1931 Federal Report Surplus Deficit	1407	-91.4	-192	328	707	-48.8	-1249	-1027	103	-1031	-1896	3354	1142	1939
4 1932 Federal Report Surplus Deficit	685	-676	-350	163	76.4	-130	-962	-1432	2160	3243	4272	5103	5378	3314
5 1933 Federal Report Surplus Deficit	1026	1601	471	509	556	721	2778	3203	2865	981	2155	4292	5618	4367
6 1934 Federal Report Surplus Deficit	2855	2290	312	1043	2863	3609	4061	4353	4266	4092	4361	4649	4604	2104
7 1935 Federal Report Surplus Deficit	689	-452	-523	437	253	-237	2667	2811	2888	-388	2242	3834	4070	3383
8 1936 Federal Report Surplus Deficit	2537	367	-193	221	403	-133	-1120	-25.5	738	288	3791	5024	5183	1800
9 1937 Federal Report Surplus Deficit	875	-164	-184	122	653	-102	-1170	-503	258	-505	-1082	3115	2725	328
10 1938 Federal Report Surplus Deficit	1086	-58.9	-58.7	399	89.7	605	2261	2565	3438	2604	4570	4843	4795	3216
11 1939 Federal Report Surplus Deficit	656	-343	341	522	267	-230	1095	830	1240	1123	3213	4303	2489	1482
12 1940 Federal Report Surplus Deficit	913	-323	-137	595	1089	312	523	172	4074	1492	2569	4131	2676	1102
13 1941 Federal Report Surplus Deficit	330	-763	-218	266	558	171	-64.0	-48.9	1112	-1000	582	3395	2641	1880
14 1942 Federal Report Surplus Deficit	613	-310	334	244	990	1459	1744	427	2668	232	2259	3609	4160	3690
15 1943 Federal Report Surplus Deficit	1884	957	843	203	176	0.06	2955	3246	3256	4281	4569	4583	5632	4285
16 1944 Federal Report Surplus Deficit	1513	393	-52.9	277	596	-215	10.7	130	177	-710	495	1785	124	813
17 1945 Federal Report Surplus Deficit	605	-757	-397	531	425	-180	-1122	-356	304	-760	-1691	4417	4932	129
18 1946 Federal Report Surplus Deficit	1249	-350	-459	271	679	594	1735	1343	3556	3078	4592	5039	4570	3830
19 1947 Federal Report Surplus Deficit	2500	1986	423	196	1073	2954	3602	3822	3736	2312	2876	4956	4817	3465
20 1948 Federal Report Surplus Deficit	2255	1418	226	2609	2357	1749	3367	3036	2919	1649	3963	5222	5588	4082
21 1949 Federal Report Surplus Deficit	3002	2990	791	506	949	384	1680	752	4015	2149	4390	5143	5042	236
22 1950 Federal Report Surplus Deficit	-209	-904	-573	342	271	448	3338	3703	4330	3313	3681	4885	5645	4448
23 1951 Federal Report Surplus Deficit	2636	2012	437	1222	2568	3030	4069	4672	4616	3648	4009	4942	4902	4089
24 1952 Federal Report Surplus Deficit	2632	1269	257	2110	1812	1780	3241	3473	3209	3447	4740	5216	5035	3329
25 1953 Federal Report Surplus Deficit	2230	1202	-558	169	467	-110	330	2936	2857	298	2102	4758	5663	3697
26 1954 Federal Report Surplus Deficit	1777	1000	292	442	1194	1100	2751	4181	3811	1800	2960	4904	5463	4392
27 1955 Federal Report Surplus Deficit	3130	3582	2448	564	1908	1130	688	957	779	-18.0	1591	4170	5632	4449
28 1956 Federal Report Surplus Deficit	2927	1935	21.9	747	2258	2967	3915	4631	4372	3123	4754	5208	5634	4154
29 1957 Federal Report Surplus Deficit	2734	2474	342	675	910	1317	1863	483	3488	3118	2850	5181	5531	3073
30 1958 Federal Report Surplus Deficit	1861	116	169	301	713	344	2207	2305	3047	1354	3751	5193	5378	2351
31 1959 Federal Report Surplus Deficit	1672	1.61	-66.3	361	1632	2603	3751	4197	3922	2626	2677	4644	5453	4305
32 1960 Federal Report Surplus Deficit	3061	2179	2668	3302	2893	2380	2645	2690	2896	4619	3766	4245	5276	3217
33 1961 Federal Report Surplus Deficit	1941	232	-79.6	516	847	625	2370	3095	4182	2054	2306	4967	5529	2922
34 1962 Federal Report Surplus Deficit	1868	653	-136	178	783	239	2106	2548	1258	3383	4686	4863	4648	2738
35 1963 Federal Report Surplus Deficit	1617	984	-349	856	1895	2281	2721	2607	2596	289	1866	4370	4867	2990
36 1964 Federal Report Surplus Deficit	1736	295	523	273	643	590	1032	1238	1377	2277	1651	4593	5581	4339
37 1965 Federal Report Surplus Deficit	2875	2561	1105	1220	1613	3099	4166	4716	4267	1572	4502	5083	5010	3123
38 1966 Federal Report Surplus Deficit	2654	2442	-320	682	1090	851	1749	1909	1648	3454	2748	3634	4451	3405
39 1967 Federal Report Surplus Deficit	1918	438	99.2	132	688	974	3615	3973	3633	1079	160	4115	5434	4229
40 1968 Federal Report Surplus Deficit	2440	1870	393	456	1400	855	2496	3517	3291	-170	1184	3237	5038	3703
41 1969 Federal Report Surplus Deficit	2569	2543	1458	1285	2327	1818	4063	3983	3574	3316	4531	5195	5273	3529
42 1970 Federal Report Surplus Deficit	2153	1062	246	445	1031	95.3	2051	2237	2422	497	1659	4563	5385	2165
43 1971 Federal Report Surplus Deficit	1318	20.4	-152	176	637	574	3961	4520	4689	3104	4097	5161	5600	4064
44 1972 Federal Report Surplus Deficit	2985	3337	602	783	1081	1184	3768	4680	4867	4451	3313	5171	5508	4334
45 1973 Federal Report Surplus Deficit	3024	3364	844	653	1164	771	2049	657	1357	-1094	702	3319	2117	948
46 1974 Federal Report Surplus Deficit	841	-565	-404	317	646	1736	4140	4492	4730	3695	4563	5130	5669	4503
47 1975 Federal Report Surplus Deficit	2956	3349	801	158	653	63.8	2598	2724	3100	284	1527	4878	5552	4288
48 1976 Federal Report Surplus Deficit	2662	2518	846	1509	2555	3508	3853	4224	4156	3654	4098	5210	5245	4218
49 1977 Federal Report Surplus Deficit	3165	3662	3334	764	777	-277	120	407	496	-1130	392	1694	-443	581
50 1978 Federal Report Surplus Deficit	588	-635	-863	-211	135	1492	2017	2520	2117	3247	2805	4773	4238	3366
51 1979 Federal Report Surplus Deficit	1165	41.1	1376	854	1087	-30.3	594	769	2867	318	2081	4773	3960	312
52 1980 Federal Report Surplus Deficit	203	-314	49.6	153	551	-375	1291	194	1241	741	3492	5194	5129	1922
53 1981 Federal Report Surplus Deficit	495	-778	154	443	813	2193	3298	3499	3017	-853	1820	4558	5496	3939
54 1982 Federal Report Surplus Deficit	3046	2458	462	448	1349	750	2994	4707	4855	3325	3356	5000	5570	4408

Federal Report Surplus Deficit By Water Year

Operating Year 2024

2015 White Book Report Date: 6/30/2015 *Continued*

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	2929	3222	1499	1383	1455	1347	3346	4039	4631	2481	3033	4814	5267	3981
56 1984 Federal Report Surplus Deficit	2862	2814	731	539	2704	1704	2936	3616	3629	3633	4415	4915	5597	3952
57 1985 Federal Report Surplus Deficit	2610	888	738	611	1360	809	1698	1516	1453	1696	3785	4951	4275	-775
58 1986 Federal Report Surplus Deficit	-437	-923	42.7	556	1858	1046	2520	3927	4862	3687	4328	4336	4959	2613
59 1987 Federal Report Surplus Deficit	1153	-35.5	-382	162	891	944	920	-102	2636	-455	1473	4225	3667	875
60 1988 Federal Report Surplus Deficit	411	-901	-291	205	341	-388	-368	-1061	553	-581	1311	3097	2393	1835
61 1989 Federal Report Surplus Deficit	1297	-22.0	-76.1	275	531	440	184	-707	2294	1443	4248	4291	3972	1539
62 1990 Federal Report Surplus Deficit	509	-559	-129	321	1087	1403	1896	3800	3522	1248	4244	4279	5344	3041
63 1991 Federal Report Surplus Deficit	2635	1628	-17.9	113	2545	2050	3515	3532	3089	2291	2517	4581	5030	4124
64 1992 Federal Report Surplus Deficit	2949	2196	-39.3	232	659	-379	412	219	2962	-1087	497	3144	1389	698
65 1993 Federal Report Surplus Deficit	623	-593	-544	294	651	76.6	-1252	-1267	1522	426	1340	4614	4386	2149
66 1994 Federal Report Surplus Deficit	1470	287	516	337	862	272	-993	-395	1873	-687	1220	3240	3431	1505
67 1995 Federal Report Surplus Deficit	1116	-489	-89.4	255	166	198	1189	2067	2173	1960	1985	4536	5250	2617
68 1996 Federal Report Surplus Deficit	1017	144	630	1265	2963	3610	4151	4709	4946	3324	4745	5058	5277	4208
69 1997 Federal Report Surplus Deficit	2873	2393	348	356	1248	1801	4201	4526	4842	3565	4752	5111	5582	4277
70 1998 Federal Report Surplus Deficit	2936	3333	1489	2818	2268	816	1521	2691	2317	87.9	2731	5092	5497	3253
71 1999 Federal Report Surplus Deficit	2748	1363	63.1	251	598	1251	3762	4375	4729	2276	3965	4673	5443	4370
72 2000 Federal Report Surplus Deficit	3229	3450	821	522	2751	2285	2475	2998	3005	3233	4438	4934	3498	3031
73 2001 Federal Report Surplus Deficit	2053	-380	-282	371	427	-146	-34.4	113	733	-821	565	2526	-599	1136
74 2002 Federal Report Surplus Deficit	620	-740	-796	-345	151	67.1	213	104	1103	1057	4073	4303	5459	4069
75 2003 Federal Report Surplus Deficit	506	58.5	40.9	305	811	66.0	-693	402	3184	1083	2396	4199	5077	1310
76 2004 Federal Report Surplus Deficit	492	-531	-430	428	1632	229	668	-437	1889	521	1819	3993	3796	1597
77 2005 Federal Report Surplus Deficit	-76.7	-489	840	743	1095	1100	1546	1957	1381	-507	1337	4229	4155	2343
78 2006 Federal Report Surplus Deficit	1158	-177	23.2	146	994	846	2535	3046	3340	3450	4522	5063	5467	3008
79 2007 Federal Report Surplus Deficit	1810	-625	-542	175	831	918	2594	2461	3746	2714	2524	4651	3657	3284
80 2008 Federal Report Surplus Deficit	935	-559	-677	289	1308	-69.3	717	747	1618	670	362	4887	5630	3486
Ranked Averages														
81 Bottom 10 pct	151	-700	-53.1	392	890	553	1529	1467	2298	665	2296	4211	4277	2572
82 Middle 80 pct	1745	752	136	537	1068	942	1847	2160	2800	1612	2746	4448	4553	2873
83 Top 10 pct	3080	3128	1496	943	1609	1076	2052	2231	2784	1942	2743	4209	4025	2651

Federal Report Surplus Deficit By Water Year

Operating Year 2025

2015 White Book Report Date: 6/30/2015

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	970	701	58.4	200	349	-195	-70.5	-270	486	-910	673	1344	2451	-481
2 1930 Federal Report Surplus Deficit	969	-94.7	354	304	462	-138	-1403	-16.4	338	167	1963	1379	-341	1554
3 1931 Federal Report Surplus Deficit	1484	-136	-177	258	610	-90.8	-1262	-1241	13.3	-1070	-1970	2408	25.7	1851
4 1932 Federal Report Surplus Deficit	767	-710	-335	93.7	-2.08	-168	-981	-1603	2077	3188	4193	4219	4488	3222
5 1933 Federal Report Surplus Deficit	1106	1553	486	439	465	666	2703	2916	2784	924	2076	3362	4745	4319
6 1934 Federal Report Surplus Deficit	2925	2246	326	973	2778	3427	3981	4073	4189	4034	4282	3736	3667	2013
7 1935 Federal Report Surplus Deficit	772	-493	-508	368	178	-264	2591	2523	2807	-439	2164	2896	3077	3292
8 1936 Federal Report Surplus Deficit	2609	320	-178	150	313	-170	-1130	-275	650	233	3712	4126	4275	1714
9 1937 Federal Report Surplus Deficit	956	-206	-169	50.7	557	-142	-1188	-739	169	-553	-1158	2163	1655	288
10 1938 Federal Report Surplus Deficit	1165	-104	-43.9	329	41.4	553	2185	2277	3358	2548	4491	3933	3853	3122
11 1939 Federal Report Surplus Deficit	740	-383	356	452	187	-258	1027	560	1154	1066	3134	3373	1421	1404
12 1940 Federal Report Surplus Deficit	993	-366	-122	526	993	264	461	-79.6	3996	1434	2490	3198	1614	1035
13 1941 Federal Report Surplus Deficit	416	-796	-203	196	463	129	-111	-298	1027	-1045	503	2453	1581	1792
14 1942 Federal Report Surplus Deficit	695	-352	349	174	893	1398	1670	166	2587	178	2180	2670	3186	3612
15 1943 Federal Report Surplus Deficit	1958	907	858	133	109	-35.9	2880	2958	3176	4224	4489	3663	4763	4236
16 1944 Federal Report Surplus Deficit	1589	344	-37.8	207	504	-247	-41.2	-124	88.4	-758	417	846	-1019	756
17 1945 Federal Report Surplus Deficit	687	-792	-382	461	336	-221	-1132	-588	215	-805	-1765	3488	4009	98.2
18 1946 Federal Report Surplus Deficit	1328	-388	-445	201	584	542	1662	1066	3477	3022	4512	4146	3609	3753
19 1947 Federal Report Surplus Deficit	2573	1940	437	126	975	2903	3529	3537	3657	2255	2798	4053	3886	3376
20 1948 Federal Report Surplus Deficit	2327	1370	240	2528	2296	1688	3293	2748	2839	1592	3884	4361	4719	4021
21 1949 Federal Report Surplus Deficit	3069	2951	806	436	851	336	1605	486	3937	2093	4311	4258	4121	197
22 1950 Federal Report Surplus Deficit	-117	-924	-559	272	197	397	3264	3417	4252	3258	3602	3976	4775	4405
23 1951 Federal Report Surplus Deficit	2707	1966	451	1151	2509	2980	3992	4392	4538	3592	3931	4043	3971	4029
24 1952 Federal Report Surplus Deficit	2704	1220	272	2032	1733	1719	3167	3185	3129	3391	4660	4358	4113	3237
25 1953 Federal Report Surplus Deficit	2303	1152	-542	97.9	376	-148	276	2649	2777	243	2023	3842	4798	3615
26 1954 Federal Report Surplus Deficit	1853	950	306	373	1098	1041	2675	3898	3732	1743	2881	3997	4583	4350
27 1955 Federal Report Surplus Deficit	3194	3534	2469	494	1834	1070	626	685	692	-71.1	1513	3237	4760	4406
28 1956 Federal Report Surplus Deficit	2995	1889	36.7	677	2195	2916	3842	4351	4294	3067	4673	4347	4765	4096
29 1957 Federal Report Surplus Deficit	2804	2431	357	606	812	1256	1787	222	3408	3063	2771	4343	4669	2978
30 1958 Federal Report Surplus Deficit	1936	69.8	183	231	616	297	2131	2020	2968	1297	3672	4327	4491	2257
31 1959 Federal Report Surplus Deficit	1748	-43.5	-51.5	291	1547	2548	3678	3916	3844	2570	2599	3734	4577	4259
32 1960 Federal Report Surplus Deficit	3129	2135	2689	3226	2804	2323	2569	2403	2816	4558	3687	3312	4376	3125
33 1961 Federal Report Surplus Deficit	2016	186	-64.7	447	749	572	2294	2808	4104	1997	2228	4071	4658	2826
34 1962 Federal Report Surplus Deficit	1943	604	-121	107	686	196	2031	2261	1172	3328	4606	3954	3695	2642
35 1963 Federal Report Surplus Deficit	1693	935	-333	786	1820	2222	2646	2320	2515	235	1787	3441	3935	2895
36 1964 Federal Report Surplus Deficit	1811	247	538	203	548	537	965	962	1292	2220	1573	3671	4704	4294
37 1965 Federal Report Surplus Deficit	2945	2520	1121	1149	1529	3050	4081	4431	4189	1516	4422	4205	4105	3028
38 1966 Federal Report Surplus Deficit	2725	2400	-305	613	994	793	1675	1625	1564	3399	2670	2692	3489	3315
39 1967 Federal Report Surplus Deficit	1993	389	114	61.7	592	917	3542	3690	3554	1022	82.3	3183	4560	4178
40 1968 Federal Report Surplus Deficit	2512	1823	408	386	1309	797	2420	3230	3211	-222	1105	2289	4136	3623
41 1969 Federal Report Surplus Deficit	2641	2502	1477	1212	2265	1757	3985	3700	3496	3261	4451	4322	4367	3443
42 1970 Federal Report Surplus Deficit	2227	1012	260	375	934	55.6	1976	1951	2340	442	1580	3642	4499	2075
43 1971 Federal Report Surplus Deficit	1395	-24.6	-137	105	543	522	3887	4238	4612	3049	4018	4289	4727	4000
44 1972 Federal Report Surplus Deficit	3055	3297	617	714	983	1125	3695	4401	4950	4391	3234	4299	4631	4288
45 1973 Federal Report Surplus Deficit	3090	3322	860	583	1069	716	1974	391	1272	-1133	623	2372	1034	887
46 1974 Federal Report Surplus Deficit	922	-603	-389	247	553	1674	4052	4207	4846	3640	4484	4250	4802	4462
47 1975 Federal Report Surplus Deficit	3025	3308	816	87.3	558	26.7	2522	2437	3019	229	1448	3970	4680	4240
48 1976 Federal Report Surplus Deficit	2733	2476	861	1436	2495	3466	3779	3943	4078	3598	4019	4349	4344	4165
49 1977 Federal Report Surplus Deficit	3244	3609	3353	695	680	-314	64.5	144	408	-1174	314	754	-1598	531
50 1978 Federal Report Surplus Deficit	670	-672	-849	-285	70.9	1431	1942	2233	2035	3192	2726	3874	3269	3275
51 1979 Federal Report Surplus Deficit	1243	-4.79	1394	784	990	-65.9	532	503	2786	264	2002	3858	2961	274
52 1980 Federal Report Surplus Deficit	290	-355	64.4	82.2	456	-396	1221	-60.3	1155	686	3414	4332	4235	1836
53 1981 Federal Report Surplus Deficit	578	-812	169	373	715	2134	3225	3213	2937	-900	1741	3636	4631	3874
54 1982 Federal Report Surplus Deficit	3115	2415	476	379	1258	695	2919	4422	4778	3270	3277	4111	4702	4367

Federal Report Surplus Deficit By Water Year

Operating Year 2025

2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	2999	3182	1517	1311	1365	1286	3271	3754	4553	2425	2955	3906	4369	3913
56 1984 Federal Report Surplus Deficit	2932	2774	746	469	2643	1642	2861	3330	3549	3578	4336	4009	4723	3882
57 1985 Federal Report Surplus Deficit	2682	839	753	541	1267	753	1624	1236	1368	1640	3706	4047	3295	-781
58 1986 Federal Report Surplus Deficit	-341	-943	57.5	487	1781	987	2444	3642	4784	3631	4249	3409	4036	2517
59 1987 Federal Report Surplus Deficit	1233	-79.6	-367	91.3	793	887	854	-348	2556	-504	1394	3294	2662	815
60 1988 Federal Report Surplus Deficit	495	-931	-275	135	250	-408	-406	-1273	465	-629	1232	2146	1311	1750
61 1989 Federal Report Surplus Deficit	1375	-66.9	-61.1	205	440	391	132	-934	2211	1386	4169	3362	2973	1461
62 1990 Federal Report Surplus Deficit	593	-594	-114	251	991	1342	1821	3516	3442	1191	4165	3350	4448	2945
63 1991 Federal Report Surplus Deficit	2707	1580	-3.00	42.2	2485	1990	3442	3246	3009	2234	2438	3659	4116	4072
64 1992 Federal Report Surplus Deficit	3018	2151	-24.5	162	563	-400	352	-37.6	2882	-1126	418	2194	282	644
65 1993 Federal Report Surplus Deficit	706	-632	-528	225	554	36.7	-1261	-1471	1437	371	1262	3693	3409	2059
66 1994 Federal Report Surplus Deficit	1547	240	531	267	764	225	-1009	-634	1790	-734	1141	2293	2411	1428
67 1995 Federal Report Surplus Deficit	1196	-529	-74.9	185	94.6	155	1120	1783	2090	1904	1906	3613	4357	2522
68 1996 Federal Report Surplus Deficit	1097	97.9	645	1193	2858	3424	4068	4424	5038	3269	4665	4166	4385	4160
69 1997 Federal Report Surplus Deficit	2943	2350	363	286	1153	1740	4114	4241	4834	3509	4672	4245	4716	4233
70 1998 Federal Report Surplus Deficit	3006	3293	1507	2738	2205	761	1450	2404	2235	34.0	2652	4223	4623	3160
71 1999 Federal Report Surplus Deficit	2819	1314	77.8	181	506	1191	3689	4094	4652	2220	3886	3753	4555	4322
72 2000 Federal Report Surplus Deficit	3294	3410	836	452	2685	2226	2399	2710	2924	3178	4358	4029	2467	2936
73 2001 Federal Report Surplus Deficit	2128	-419	-267	301	338	-182	-86.4	-141	646	-868	486	1564	-1746	1070
74 2002 Federal Report Surplus Deficit	703	-772	-782	-418	83.3	28.5	160	-150	1017	1000	3994	3374	4584	4003
75 2003 Federal Report Surplus Deficit	591	14.5	55.7	236	713	26.4	-720	142	3104	1027	2317	3269	4158	1240
76 2004 Federal Report Surplus Deficit	578	-566	-415	358	1553	185	606	-673	1806	466	1740	3058	2795	1519
77 2005 Federal Report Surplus Deficit	12.8	-527	856	673	998	1040	1472	1672	1296	-557	1258	3303	3169	2251
78 2006 Federal Report Surplus Deficit	1238	-218	38.2	75.6	896	790	2459	2758	3260	3394	4442	4182	4588	2912
79 2007 Federal Report Surplus Deficit	1886	-658	-525	105	734	861	2518	2174	3667	2659	2445	3732	2639	3190
80 2008 Federal Report Surplus Deficit	1016	-594	-663	220	1217	-104	655	479	1534	615	284	3983	4760	3396

Ranked Averages

81 Bottom 10 pct	239	-732	-38.1	322	802	508	1464	1205	2215	614	2217	3289	3317	2493
82 Middle 80 pct	1821	709	151	466	981	889	1784	1890	2726	1558	2667	3536	3614	2803
83 Top 10 pct	3149	3084	1513	872	1520	1022	1981	1955	2722	1889	2665	3297	3062	2592

Federal Report Surplus Deficit By Water Year

Operating Year 2026

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	877	644	-10.6	252	349	-123	-45.7	-252	545	-870	718	2257	3479	-473
2 1930 Federal Report Surplus Deficit	876	-153	286	357	470	-67.9	-1419	1.40	398	215	2009	2289	782	1636
3 1931 Federal Report Surplus Deficit	1397	-195	-245	310	621	-12.8	-1274	-1259	73.7	-1037	-1930	3299	1138	1941
4 1932 Federal Report Surplus Deficit	672	-770	-406	146	-9.90	-94.4	-987	-1664	2131	3237	4238	5048	5374	3316
5 1933 Federal Report Surplus Deficit	1014	1495	418	492	470	757	2753	2971	2836	975	2122	4236	5614	4369
6 1934 Federal Report Surplus Deficit	2836	2187	259	1026	2777	3645	4036	4121	4238	4086	4328	4594	4600	2106
7 1935 Federal Report Surplus Deficit	676	-552	-578	420	167	-201	2642	2579	2859	-394	2209	3778	4066	3385
8 1936 Federal Report Surplus Deficit	2524	262	-249	203	316	-96.9	-1145	-258	709	282	3757	4969	5179	1802
9 1937 Federal Report Surplus Deficit	863	-265	-240	104	567	-65.8	-1195	-735	229	-511	-1116	3059	2721	330
10 1938 Federal Report Surplus Deficit	1075	-162	-113	381	3.46	641	2236	2333	3409	2598	4537	4787	4791	3218
11 1939 Federal Report Surplus Deficit	643	-442	288	504	180	-194	1070	598	1211	1117	3179	4248	2484	1484
12 1940 Federal Report Surplus Deficit	902	-424	-191	578	1003	348	498	-60.0	4045	1486	2535	4076	2672	1104
13 1941 Federal Report Surplus Deficit	314	-857	-272	249	471	207	-89.0	-281	1084	-1006	548	3340	2637	1881
14 1942 Federal Report Surplus Deficit	600	-410	281	226	904	1495	1719	195	2639	226	2225	3554	4156	3692
15 1943 Federal Report Surplus Deficit	1874	850	789	186	89.9	36.1	2930	3013	3227	4275	4535	4527	5628	4287
16 1944 Federal Report Surplus Deficit	1503	287	-108	260	510	-179	-14.3	-102	149	-716	462	1730	120	815
17 1945 Federal Report Surplus Deficit	592	-852	-451	513	339	-144	-1147	-588	275	-766	-1724	4361	4928	131
18 1946 Federal Report Surplus Deficit	1239	-448	-517	254	593	630	1710	1111	3527	3072	4558	4984	4566	3831
19 1947 Federal Report Surplus Deficit	2488	1882	370	179	986	2990	3577	3590	3707	2306	2843	4900	4813	3467
20 1948 Federal Report Surplus Deficit	2243	1312	172	2591	2271	1785	3342	2804	2891	1643	3929	5167	5584	4084
21 1949 Federal Report Surplus Deficit	2977	2890	738	489	863	420	1655	520	3986	2143	4356	5087	5038	238
22 1950 Federal Report Surplus Deficit	-229	-985	-631	325	185	484	3313	3471	4301	3307	3647	4829	5641	4450
23 1951 Federal Report Surplus Deficit	2621	1908	384	1205	2482	3066	4044	4440	4587	3642	3976	4886	4898	4091
24 1952 Federal Report Surplus Deficit	2619	1162	204	2093	1725	1816	3216	3241	3180	3441	4707	5161	5031	3331
25 1953 Federal Report Surplus Deficit	2219	1095	-616	152	381	-74.5	305	2704	2829	292	2069	4703	5659	3699
26 1954 Federal Report Surplus Deficit	1767	893	238	425	1107	1136	2726	3949	3782	1794	2927	4849	5459	4394
27 1955 Federal Report Surplus Deficit	3099	3474	2389	546	1822	1166	663	725	750	-24.1	1558	4114	5627	4451
28 1956 Federal Report Surplus Deficit	2905	1831	-32.3	729	2172	3003	3891	4399	4343	3117	4720	5153	5630	4156
29 1957 Federal Report Surplus Deficit	2717	2371	289	658	824	1353	1838	251	3459	3112	2816	5126	5527	3075
30 1958 Federal Report Surplus Deficit	1851	11.9	115	284	627	380	2182	2073	3019	1348	3718	5138	5374	2352
31 1959 Federal Report Surplus Deficit	1663	-102	-121	343	1545	2639	3726	3965	3893	2620	2644	4589	5449	4307
32 1960 Federal Report Surplus Deficit	3039	2076	2610	3284	2807	2416	2620	2458	2867	4613	3732	4189	5272	3219
33 1961 Federal Report Surplus Deficit	1931	128	-134	499	761	661	2345	2863	4153	2048	2273	4912	5525	2923
34 1962 Federal Report Surplus Deficit	1859	547	-190	160	697	275	2081	2316	1229	3377	4652	4807	4644	2740
35 1963 Federal Report Surplus Deficit	1608	878	-406	839	1809	2317	2696	2375	2568	283	1832	4315	4863	2992
36 1964 Federal Report Surplus Deficit	1726	189	470	256	557	626	1007	1006	1348	2271	1618	4537	5577	4341
37 1965 Federal Report Surplus Deficit	2856	2460	1052	1203	1527	3135	4141	4484	4238	1566	4469	5027	5006	3124
38 1966 Federal Report Surplus Deficit	2639	2340	-375	665	1004	887	1724	1677	1619	3448	2715	3579	4447	3407
39 1967 Federal Report Surplus Deficit	1908	332	45.7	115	601	1010	3590	3741	3604	1073	127	4059	5430	4231
40 1968 Federal Report Surplus Deficit	2428	1765	340	438	1314	891	2471	3285	3262	-176	1150	3182	5034	3705
41 1969 Federal Report Surplus Deficit	2556	2442	1402	1268	2240	1854	4038	3751	3545	3310	4497	5139	5269	3531
42 1970 Federal Report Surplus Deficit	2143	955	192	428	945	131	2026	2005	2393	491	1625	4508	5381	2167
43 1971 Federal Report Surplus Deficit	1307	-82.7	-207	158	551	610	3936	4288	4660	3098	4063	5106	5596	4066
44 1972 Federal Report Surplus Deficit	2967	3236	549	766	995	1220	3743	4448	4998	4445	3279	5116	5504	4336
45 1973 Federal Report Surplus Deficit	2997	3261	792	636	1078	807	2024	425	1328	-1100	668	3264	2112	950
46 1974 Federal Report Surplus Deficit	829	-663	-458	300	560	1772	4116	4260	4894	3689	4530	5075	5665	4505
47 1975 Federal Report Surplus Deficit	2934	3247	749	141	567	99.8	2573	2492	3071	278	1493	4823	5548	4290
48 1976 Federal Report Surplus Deficit	2647	2416	793	1492	2468	3544	3828	3992	4127	3648	4064	5154	5241	4219
49 1977 Federal Report Surplus Deficit	3149	3549	3280	747	691	-241	95.1	175	467	-1136	359	1638	-447	583
50 1978 Federal Report Surplus Deficit	575	-732	-921	-228	48.8	1528	1992	2288	2088	3241	2771	4718	4234	3368
51 1979 Federal Report Surplus Deficit	1154	-62.7	1320	836	1000	5.68	569	537	2838	312	2047	4718	3956	314
52 1980 Federal Report Surplus Deficit	187	-414	-4.52	136	464	-339	1266	-38.1	1212	735	3458	5139	5125	1924
53 1981 Federal Report Surplus Deficit	481	-872	101	425	726	2229	3273	3267	2988	-859	1787	4503	5492	3941
54 1982 Federal Report Surplus Deficit	3025	2356	409	431	1263	786	2969	4475	4827	3319	3322	4944	5566	4410

Federal Report Surplus Deficit By Water Year

Operating Year 2026

2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	2911	3121	1444	1366	1368	1383	3321	3807	4602	2475	3000	4759	5263	3983
56 1984 Federal Report Surplus Deficit	2843	2714	679	522	2618	1740	2911	3384	3600	3627	4382	4860	5592	3954
57 1985 Federal Report Surplus Deficit	2597	782	685	593	1273	845	1673	1284	1424	1690	3751	4895	4271	-773
58 1986 Federal Report Surplus Deficit	-453	-1005	-11.3	539	1771	1082	2495	3695	4833	3681	4295	4280	4955	2615
59 1987 Federal Report Surplus Deficit	1142	-138	-438	145	804	980	895	-334	2608	-461	1439	4169	3663	876
60 1988 Federal Report Surplus Deficit	396	-993	-346	187	255	-352	-393	-1293	524	-587	1278	3041	2389	1837
61 1989 Federal Report Surplus Deficit	1287	-125	-131	257	445	476	159	-939	2265	1437	4214	4236	3968	1541
62 1990 Federal Report Surplus Deficit	496	-655	-184	304	1000	1439	1871	3568	3493	1242	4210	4224	5339	3043
63 1991 Federal Report Surplus Deficit	2622	1522	-72.3	95.9	2459	2086	3490	3300	3061	2285	2483	4526	5026	4126
64 1992 Federal Report Surplus Deficit	2930	2092	-93.8	215	573	-343	387	-13.4	2933	-1093	463	3089	1385	700
65 1993 Federal Report Surplus Deficit	610	-691	-599	277	565	113	-1277	-1499	1493	420	1307	4559	4382	2151
66 1994 Federal Report Surplus Deficit	1460	182	464	319	775	308	-1018	-627	1844	-693	1186	3185	3427	1507
67 1995 Federal Report Surplus Deficit	1105	-588	-143	238	79.9	234	1164	1835	2144	1954	1952	4480	5246	2619
68 1996 Federal Report Surplus Deficit	1005	40.0	577	1248	2877	3646	4126	4477	5084	3318	4712	5003	5273	4210
69 1997 Federal Report Surplus Deficit	2855	2290	295	338	1162	1837	4176	4294	4883	3559	4719	5056	5578	4278
70 1998 Federal Report Surplus Deficit	2917	3232	1434	2801	2182	852	1497	2459	2288	81.8	2697	5037	5493	3255
71 1999 Federal Report Surplus Deficit	2734	1257	8.87	234	511	1287	3737	4143	4700	2270	3931	4617	5439	4371
72 2000 Federal Report Surplus Deficit	3200	3348	768	505	2665	2321	2450	2766	2976	3227	4404	4879	3494	3033
73 2001 Federal Report Surplus Deficit	2043	-479	-338	354	341	-110	-59.4	-119	704	-827	531	2470	-603	1138
74 2002 Federal Report Surplus Deficit	607	-833	-854	-362	64.9	103	188	-128	1074	1051	4039	4247	5455	4071
75 2003 Federal Report Surplus Deficit	491	-43.9	-13.5	288	725	102	-718	170	3155	1077	2362	4144	5073	1312
76 2004 Federal Report Surplus Deficit	478	-626	-487	411	1546	265	643	-669	1860	515	1785	3938	3792	1599
77 2005 Federal Report Surplus Deficit	-94.9	-587	787	725	1008	1136	1521	1725	1352	-513	1303	4174	4151	2345
78 2006 Federal Report Surplus Deficit	1146	-277	-31.4	128	907	882	2510	2814	3311	3444	4488	5008	5463	3010
79 2007 Federal Report Surplus Deficit	1801	-719	-600	158	745	954	2569	2229	3717	2708	2490	4596	3653	3285
80 2008 Federal Report Surplus Deficit	923	-654	-736	272	1222	-33.3	692	515	1590	664	329	4831	5626	3488
Ranked Averages														
81 Bottom 10 pct	135	-792	-108	375	803	589	1504	1234	2269	659	2263	4156	4273	2574
82 Middle 80 pct	1733	650	81.9	519	982	978	1822	1928	2778	1606	2713	4392	4549	2875
83 Top 10 pct	3057	3024	1442	925	1523	1112	2027	1999	2775	1936	2710	4154	4021	2653

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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 2017 to 2026
Using 1937-Water Conditions

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	4265	3311	5319	5777	4956	2581	1762	3381	5087	3149	4113	7128	6725	1980
2 1930 Regional Report Surplus Deficit	3635	1977	5260	5590	4765	2487	322	3825	4971	3954	5241	7053	2987	4668
3 1931 Regional Report Surplus Deficit	4208	1737	4612	5500	4985	2518	471	1890	4447	3094	729	8693	2571	4849
4 1932 Regional Report Surplus Deficit	3210	764	4340	5358	4274	2498	915	1588	7473	8451	8385	11090	9548	7181
5 1933 Regional Report Surplus Deficit	4368	4307	5870	5946	5102	3838	5542	7580	8652	5332	5720	9579	9965	8634
6 1934 Regional Report Surplus Deficit	6842	5680	5869	6844	8783	8282	7924	9194	10413	9577	7989	10053	7906	5242
7 1935 Regional Report Surplus Deficit	3603	1647	4160	5557	4659	2420	5724	7119	8399	3556	5937	9260	7664	7190
8 1936 Regional Report Surplus Deficit	6172	2926	4884	5508	4745	2395	739	3412	5508	4558	7873	11329	9440	5270
9 1937 Regional Report Surplus Deficit	4138	2282	4852	5322	4874	2481	511	2369	4543	3736	1590	8832	5935	2988
10 1938 Regional Report Surplus Deficit	4429	2480	5042	5755	4490	3830	5250	6926	9088	7666	8823	10796	8811	7130
11 1939 Regional Report Surplus Deficit	3881	2044	5566	5934	4655	2553	3698	4535	6361	5860	6973	10302	5294	4636
12 1940 Regional Report Surplus Deficit	4197	2093	5053	5907	5566	3225	2931	4139	10157	6071	6179	9951	5458	3960
13 1941 Regional Report Surplus Deficit	2691	809	4646	5572	4852	3040	2198	3687	5935	2820	3619	8613	4930	4564
14 1942 Regional Report Surplus Deficit	3115	1553	5580	5599	5546	5038	4494	4320	8161	4384	5882	9036	7865	7741
15 1943 Regional Report Surplus Deficit	5223	3697	6465	5530	4598	2999	6220	7675	8870	10248	8940	10410	10088	8600
16 1944 Regional Report Surplus Deficit	5022	3192	5412	5828	5108	2666	1828	3659	4640	2967	3793	6135	1432	2698
17 1945 Regional Report Surplus Deficit	2268	33.2	3920	5495	4542	2432	881	3062	4851	3017	685	9924	8486	2777
18 1946 Regional Report Surplus Deficit	4211	1567	4504	5639	5236	3792	4669	5344	9327	8340	8821	10929	8465	8044
19 1947 Regional Report Surplus Deficit	6359	5290	6146	5633	5861	7598	7076	8538	9663	7240	6724	10845	8830	7438
20 1948 Regional Report Surplus Deficit	5996	4598	5611	9221	7921	5615	6763	7205	8537	6475	8104	11203	9532	8360
21 1949 Regional Report Surplus Deficit	6964	6642	6588	6157	5647	3392	4380	4520	9922	7106	8688	11269	9163	3216
22 1950 Regional Report Surplus Deficit	2783	1362	4498	5778	4708	3543	6858	8287	10437	8601	7769	10239	10136	8928
23 1951 Regional Report Surplus Deficit	6614	5437	6207	7316	8514	7863	7916	9741	10855	9095	8271	10775	8926	8300
24 1952 Regional Report Surplus Deficit	6434	4322	5935	8649	7090	5662	6571	8233	8953	8862	9040	11322	9306	7362
25 1953 Regional Report Surplus Deficit	5707	4362	4635	5515	4787	2570	2609	7491	8489	4781	5887	10662	10117	7983
26 1954 Regional Report Surplus Deficit	5422	4121	5951	6080	6003	4616	6128	8929	9653	6719	6960	10725	9670	8677
27 1955 Regional Report Surplus Deficit	7226	7518	8951	6232	7070	4552	3287	4842	5254	4296	4573	9365	10091	8834
28 1956 Regional Report Surplus Deficit	6961	5251	5554	6525	7727	7638	7611	9276	10278	8239	8545	11077	10048	8617
29 1957 Regional Report Surplus Deficit	6779	6077	6078	6473	5622	5013	4793	4425	9366	8554	6706	11595	9959	6957
30 1958 Regional Report Surplus Deficit	5502	2785	5461	5644	5251	3512	5379	6936	8749	6152	8084	11263	9710	5977
31 1959 Regional Report Surplus Deficit	4246	2822	5104	5803	6611	6958	7401	8934	9774	7935	6591	10308	9654	8531
32 1960 Regional Report Surplus Deficit	6992	5518	9284	10317	8899	6461	5634	7043	8759	10477	7917	9932	9403	7003
33 1961 Regional Report Surplus Deficit	5489	2999	5096	5946	5500	3738	5368	7681	10157	6871	5764	10563	9370	6484
34 1962 Regional Report Surplus Deficit	5384	2879	5067	5531	5317	3093	5028	6801	6258	8888	8682	10743	8486	6359
35 1963 Regional Report Surplus Deficit	5179	3918	4935	6697	7122	6477	5917	7274	8154	4511	5470	10571	8902	6768
36 1964 Regional Report Surplus Deficit	5149	2882	6186	5760	5196	3761	3706	5323	6470	7317	5170	10111	10099	8755
37 1965 Regional Report Surplus Deficit	6874	6097	7035	7108	6610	7786	7818	9521	10261	6408	8750	10823	9267	7057
38 1966 Regional Report Surplus Deficit	6673	6040	5230	6443	5876	4229	4690	6221	6984	8959	6679	9004	8079	7194
39 1967 Regional Report Surplus Deficit	5297	3111	5457	5467	5218	4399	7145	8763	9444	5719	3119	9669	9797	8514
40 1968 Regional Report Surplus Deficit	6186	5109	5951	6139	6309	4275	5764	8284	9322	3751	4120	8550	9240	7685
41 1969 Regional Report Surplus Deficit	6303	6119	7536	7384	7942	5715	7654	8559	9262	9063	8532	11251	9565	7579
42 1970 Regional Report Surplus Deficit	5839	3959	5581	5973	5730	3108	5170	6776	8045	4856	4927	10444	9781	5758
43 1971 Regional Report Surplus Deficit	4832	2599	5121	5605	5287	3845	7635	9328	10884	8244	8122	11021	10151	8572
44 1972 Regional Report Surplus Deficit	7128	7233	6492	6717	6039	4768	7474	9510	11597	10305	7469	11082	9716	8665
45 1973 Regional Report Surplus Deficit	7115	7242	6852	6481	6107	4167	5170	4685	6436	3074	3626	8155	4504	3958
46 1974 Regional Report Surplus Deficit	3611	1383	4894	5667	5374	5644	8017	9384	11168	9195	8503	10393	9892	8973
47 1975 Regional Report Surplus Deficit	7097	7221	6565	5691	5271	3120	5758	7113	8689	4703	4954	10570	9987	8696
48 1976 Regional Report Surplus Deficit	6661	6259	6815	7736	8334	8532	7716	9004	10056	9097	8188	11096	9543	8584
49 1977 Regional Report Surplus Deficit	7361	7720	10217	6580	5444	2552	1868	3877	5002	2949	3787	6103	345	2078
50 1978 Regional Report Surplus Deficit	2119	156	3517	4342	4243	5165	4766	6730	7584	8436	6870	10889	7970	7261
51 1979 Regional Report Surplus Deficit	4589	2776	7389	6528	5721	2881	2739	4825	8673	4394	5512	10959	7490	3094
52 1980 Regional Report Surplus Deficit	2657	1656	5118	5416	4802	2308	3970	4060	6421	5245	7877	11668	9363	5433
53 1981 Regional Report Surplus Deficit	3217	1406	5462	5831	5326	6405	6907	8288	8744	2969	5154	10270	9747	8033
54 1982 Regional Report Surplus Deficit	6857	5747	5987	6050	6183	4053	6294	9579	11167	8639	7187	10695	10149	8819

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	6923	6962	7711	7579	6481	5027	6927	8931	10956	7600	6796	10596	9650	8241
56 1984 Regional Report Surplus Deficit	6979	6681	6692	6306	8728	5566	6377	8478	9687	9131	8425	10827	10128	8241
57 1985 Regional Report Surplus Deficit	6622	4008	6722	6433	6492	4172	4534	5762	6611	6557	7742	10869	7874	1632
58 1986 Regional Report Surplus Deficit	2453	1103	5392	6227	7219	4349	5676	8626	11312	9045	8425	10081	8723	6258
59 1987 Regional Report Surplus Deficit	4596	2337	4997	5630	5631	4402	3656	3696	8426	3953	5389	10052	6877	3788
60 1988 Regional Report Surplus Deficit	3124	965	4536	5403	4369	2220	1596	1895	5132	3485	4852	8455	5182	4884
61 1989 Regional Report Surplus Deficit	4290	2312	4782	5506	4917	3376	2468	2820	7631	6157	8128	10044	7605	4779
62 1990 Regional Report Surplus Deficit	3590	1725	4875	5567	5751	4886	4772	8375	9239	5827	8159	9859	9466	6841
63 1991 Regional Report Surplus Deficit	6317	4727	5444	5488	8236	5894	6843	7970	8765	7256	5906	10099	8974	8227
64 1992 Regional Report Surplus Deficit	6802	5492	5279	5540	5091	2242	2634	3934	8426	3057	3544	8163	2645	2381
65 1993 Regional Report Surplus Deficit	2242	594	3921	4883	4951	2737	764	1570	6514	4641	4693	10201	8239	5657
66 1994 Regional Report Surplus Deficit	4689	2511	5300	5532	5220	2977	1130	2842	4990	3660	5233	9647	7280	4600
67 1995 Regional Report Surplus Deficit	3743	1060	4848	5404	4383	3042	3883	6379	9230	4939	4662	10380	9596	6353
68 1996 Regional Report Surplus Deficit	4551	2793	6014	7076	9040	8419	8054	9845	11518	8988	9137	11153	9576	8495
69 1997 Regional Report Surplus Deficit	6787	5781	6054	5859	6062	5716	8010	9352	11306	9090	8811	10918	9632	8709
70 1998 Regional Report Surplus Deficit	7010	7248	7777	9629	7794	4245	4524	7290	8016	4371	6442	11324	9980	7314
71 1999 Regional Report Surplus Deficit	6680	4581	5437	5793	5098	4921	7429	9139	10824	7330	8099	10383	10044	8869
72 2000 Regional Report Surplus Deficit	7547	7529	6755	6201	8514	6503	5729	7345	8712	8699	8684	10791	6943	6755
73 2001 Regional Report Surplus Deficit	5737	2170	4839	5774	4730	2571	1544	3388	5241	3349	3976	7804	237	3034
74 2002 Regional Report Surplus Deficit	2300	102	3744	3985	4070	2774	2142	3633	6181	5558	8071	9837	9688	8173
75 2003 Regional Report Surplus Deficit	3628	2596	4986	5444	5053	2680	1326	4054	8854	5368	5928	9742	9042	4563
76 2004 Regional Report Surplus Deficit	3435	1432	4632	5748	6499	3051	3049	3186	7289	4470	5029	9566	7364	4905
77 2005 Regional Report Surplus Deficit	2515	1987	6419	6073	5477	4066	4153	6037	6285	3332	4415	9942	7755	5663
78 2006 Regional Report Surplus Deficit	4088	1641	4978	5128	5455	4034	5776	7532	9042	8806	8629	11045	9911	6814
79 2007 Regional Report Surplus Deficit	5437	1379	4611	5375	5497	4132	5560	6776	9829	7700	6117	10278	7045	6869
80 2008 Regional Report Surplus Deficit	4291	1568	4406	5017	5619	2470	3044	4432	6586	5032	3525	10602	10125	7597
Ranked Averages														
81 Bottom 10 pct	2406	805	4585	5249	5019	3359	3069	4675	6885	5262	5582	10144	8144	5723
82 Middle 80 pct	5168	3443	5491	6029	5836	4333	4885	6467	8522	6427	6568	10133	8328	6550
83 Top 10 pct	7185	7154	7862	7231	6892	4546	4930	6463	7808	6109	5932	9665	7621	6663

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	3857	2937	5080	5571	4760	2246	1593	3059	4663	3980	4935	7636	7954	1578
2 1930 Regional Report Surplus Deficit	3226	1609	4980	5378	4598	2157	-177	3503	4546	4984	6286	7558	4209	4258
3 1931 Regional Report Surplus Deficit	3814	1369	4337	5283	4827	2168	19.7	1547	3994	3601	1131	8804	3660	4437
4 1932 Regional Report Surplus Deficit	2797	400	4067	5147	4048	2159	513	1243	7020	9647	9622	11927	10690	6765
5 1933 Regional Report Surplus Deficit	3962	3938	5593	5727	4925	3458	5579	7715	8142	6398	6764	10326	11006	8225
6 1934 Regional Report Surplus Deficit	6423	5315	5619	6643	8505	8062	8044	9725	10031	10935	9250	10861	9010	4829
7 1935 Regional Report Surplus Deficit	3189	1280	3885	5333	4419	2105	5685	7155	7928	4649	6981	9933	8803	6771
8 1936 Regional Report Surplus Deficit	5770	2558	4608	5302	4560	2057	270	3089	5084	5582	9020	12167	10551	4854
9 1937 Regional Report Surplus Deficit	3729	1914	4579	5120	4714	2136	105	2034	4116	4220	1956	8861	6975	2584
10 1938 Regional Report Surplus Deficit	4026	2112	4761	5542	4171	3455	5260	6887	8688	8799	10085	11635	9921	6706
11 1939 Regional Report Surplus Deficit	3465	1677	5288	5715	4433	2237	3625	4511	5874	6439	8047	10993	6493	4223
12 1940 Regional Report Surplus Deficit	3792	1725	4773	5677	5393	2859	2834	3819	9730	7221	7227	10622	6601	3615
13 1941 Regional Report Surplus Deficit	2271	445	4371	5358	4686	2689	2008	3364	5510	3273	4035	8782	5963	4142
14 1942 Regional Report Surplus Deficit	2717	1186	5315	5362	5381	4642	4505	4015	7697	5255	6732	9626	8948	7325
15 1943 Regional Report Surplus Deficit	4828	3332	6171	5324	4328	2664	6177	7892	8473	11537	10225	11188	11106	8226
16 1944 Regional Report Surplus Deficit	4629	2817	5153	5623	4936	2339	1672	3343	4212	3810	4619	6516	2688	2306
17 1945 Regional Report Surplus Deficit	1862	-332	3647	5273	4357	2086	404	2725	4424	3848	1550	10625	9609	2362
18 1946 Regional Report Surplus Deficit	3808	1201	4234	5433	5070	3418	4655	5249	8894	9497	10094	11846	9552	7634
19 1947 Regional Report Surplus Deficit	5958	4929	5886	5430	5698	7325	7202	8875	9253	8363	7783	11681	9920	7019
20 1948 Regional Report Surplus Deficit	5597	4234	5364	8987	7638	5221	6831	7627	8049	7503	9246	11978	10625	7955
21 1949 Regional Report Surplus Deficit	6531	6281	6325	5939	5488	3028	4355	4395	9465	8205	9899	12082	10274	2800
22 1950 Regional Report Surplus Deficit	2338	983	4228	5568	4467	3170	6858	8530	9995	9726	8821	11164	11182	8535
23 1951 Regional Report Surplus Deficit	6210	5077	5959	7115	8176	7541	8061	10296	10471	10358	9344	11613	10023	7894
24 1952 Regional Report Surplus Deficit	6033	3957	5673	8427	6835	5268	6563	8223	8480	10112	10348	12079	10392	6939
25 1953 Regional Report Surplus Deficit	5309	3991	4375	5312	4608	2232	2468	7584	8081	5656	6802	11506	11185	7510
26 1954 Regional Report Surplus Deficit	5026	3748	5679	5865	5829	4225	6096	9263	9162	7862	8036	11564	10800	8297
27 1955 Regional Report Surplus Deficit	6773	7016	8694	6013	6802	4158	3190	4569	4830	5252	5624	10071	11128	8413
28 1956 Regional Report Surplus Deficit	6533	4884	5313	6298	7439	7314	7806	9801	9843	9461	9872	11862	11138	8218
29 1957 Regional Report Surplus Deficit	6368	5713	5825	6266	5464	4618	4775	4119	8835	9753	7765	12225	11024	6409
30 1958 Regional Report Surplus Deficit	5106	2417	5191	5436	5091	3152	5381	6784	8320	7200	9227	12062	10790	5557
31 1959 Regional Report Surplus Deficit	4886	2287	4853	5593	6385	6636	7591	9416	9357	8946	7444	11259	10693	8132
32 1960 Regional Report Surplus Deficit	6565	5153	9077	10141	8643	6191	5825	7192	8165	11767	9055	10635	10492	6579
33 1961 Regional Report Surplus Deficit	5093	2624	4839	5726	5342	3361	5358	7734	9741	8014	6810	11503	10475	6055
34 1962 Regional Report Surplus Deficit	4989	2512	4814	5326	5158	2739	4998	6942	5831	10076	9979	11600	9558	5934
35 1963 Regional Report Surplus Deficit	4783	3552	4685	6474	6849	6086	5859	7228	7693	5584	6517	11342	9993	6336
36 1964 Regional Report Surplus Deficit	4753	2514	5912	5553	5030	3386	3630	5067	6042	8438	6073	10921	11172	8357
37 1965 Regional Report Surplus Deficit	6455	5734	6784	6904	6382	7486	7952	10070	9803	7435	10022	11712	10337	6617
38 1966 Regional Report Surplus Deficit	6266	5684	5006	6213	5705	3841	4643	6029	6552	10090	7727	9595	9221	6774
39 1967 Regional Report Surplus Deficit	4901	2743	5176	5260	5054	4011	7242	8991	9053	6787	3896	10400	10885	8117
40 1968 Regional Report Surplus Deficit	5786	4742	5675	5919	6113	3887	5754	8500	8852	4767	5183	9133	10318	7270
41 1969 Regional Report Surplus Deficit	5899	5764	7269	7169	7657	5322	7796	8970	8875	10034	9845	12021	10634	7150
42 1970 Regional Report Surplus Deficit	5442	3593	5316	5762	5568	2764	5139	6661	7597	5894	5977	11264	10828	5332
43 1971 Regional Report Surplus Deficit	4434	2224	4883	5399	5117	3472	7749	9856	10532	9364	9285	11828	11220	8151
44 1972 Regional Report Surplus Deficit	6711	6867	6242	6488	5876	4376	7477	10059	11169	11641	8563	11876	10739	8276
45 1973 Regional Report Surplus Deficit	6677	6872	6588	6257	5934	3787	5164	4392	6008	3695	4448	8674	5802	3553
46 1974 Regional Report Surplus Deficit	3201	1016	4598	5452	5203	5229	8168	9910	10810	10416	9789	11312	10937	8549
47 1975 Regional Report Surplus Deficit	6670	6853	6272	5488	5104	2782	5706	7223	8366	5581	5774	11457	11023	8328
48 1976 Regional Report Surplus Deficit	6256	5901	6533	7518	8012	8311	7839	9440	9673	10313	9300	11878	10634	8174
49 1977 Regional Report Surplus Deficit	6903	7163	9992	6349	5286	2214	1736	3576	4578	3431	4151	6378	1494	1734
50 1978 Regional Report Surplus Deficit	1712	-210	3246	4144	3962	4732	4980	6866	7123	9471	7944	11841	9070	6842
51 1979 Regional Report Surplus Deficit	4191	2404	7072	6315	5555	2546	2638	4532	8210	5413	6561	11798	8588	2682
52 1980 Regional Report Surplus Deficit	2228	1289	4839	5212	4633	2009	3903	3757	5981	6124	8896	12384	10469	5007
53 1981 Regional Report Surplus Deficit	2802	1042	5188	5615	5168	5987	6890	8401	8271	3799	6202	11077	10832	7577
54 1982 Regional Report Surplus Deficit	6433	5384	5695	5838	5990	3673	6323	10107	10868	9825	8200	11525	11162	8476

Regional Report Surplus Deficit By Water Year

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	6509	6597	7398	7370	6280	4633	6952	9115	10480	8788	7894	11451	10735	7825
56 1984 Regional Report Surplus Deficit	6561	6318	6408	6088	8382	5171	6382	8566	9141	10438	9675	11644	11179	7838
57 1985 Regional Report Surplus Deficit	6220	3635	6433	6216	6306	3789	4573	5526	6181	7711	8893	11693	8968	1240
58 1986 Regional Report Surplus Deficit	2004	724	5200	6012	6957	3958	5660	8853	11016	10332	9667	10821	9896	5837
59 1987 Regional Report Surplus Deficit	4192	1969	4713	5426	5473	4014	3576	3369	7965	4408	5762	10512	7930	3382
60 1988 Regional Report Surplus Deficit	2704	602	4217	5192	4190	1921	1343	1552	4708	4328	5670	8953	6340	4473
61 1989 Regional Report Surplus Deficit	3890	1944	4484	5298	4737	3009	2314	2481	7271	7287	9335	10774	8705	4364
62 1990 Regional Report Surplus Deficit	3180	1360	4603	5357	5580	4491	4834	8505	8820	6824	9595	10580	10559	6418
63 1991 Regional Report Surplus Deficit	5914	4358	5122	5285	7926	5510	6948	8274	8203	8359	6948	10888	10080	7827
64 1992 Regional Report Surplus Deficit	6383	5126	4959	5334	4926	1941	2524	3621	7953	3676	3892	8252	3813	1977
65 1993 Regional Report Surplus Deficit	1828	227	3696	4666	4789	2392	266	1226	6086	5515	5698	10963	9385	5232
66 1994 Regional Report Surplus Deficit	4297	2142	5039	5322	5061	2613	711	2509	6667	3998	5402	9050	7726	4190
67 1995 Regional Report Surplus Deficit	3339	694	4567	5190	4131	2689	3813	6247	7421	7615	6293	11475	10722	5927
68 1996 Regional Report Surplus Deficit	4134	2414	5732	6864	8845	8198	8178	10373	11287	10050	10490	11945	10624	8101
69 1997 Regional Report Surplus Deficit	6372	5422	5783	5649	5886	5322	8157	9882	10945	10359	10150	11686	10666	8291
70 1998 Regional Report Surplus Deficit	6595	6882	7499	9398	7488	3863	4465	7279	7566	5241	7464	12042	11073	6895
71 1999 Regional Report Surplus Deficit	6275	4216	5181	5588	4922	4527	7539	9610	10476	8314	9236	11184	11064	8477
72 2000 Regional Report Surplus Deficit	7101	7162	6476	5983	8187	6105	5727	7527	8244	9895	9944	11648	8059	6339
73 2001 Regional Report Surplus Deficit	5341	1804	4600	5564	4546	2236	1389	3071	4818	3810	4336	7743	1447	2627
74 2002 Regional Report Surplus Deficit	1886	-262	3474	3786	3803	2432	1968	3488	5842	6662	9256	10574	10758	7768
75 2003 Regional Report Surplus Deficit	3205	2221	4733	5230	4895	2336	992	3748	8492	6472	6978	10450	10141	4075
76 2004 Regional Report Surplus Deficit	3012	1067	4376	5526	6250	2697	2951	2851	6849	5508	6081	10260	8463	4485
77 2005 Regional Report Surplus Deficit	2078	1621	6185	5849	5310	3674	4111	5876	5849	4191	5407	10665	8910	5245
78 2006 Regional Report Surplus Deficit	3682	1274	4697	4921	5294	3649	5722	7633	8622	10070	9888	11875	10993	6358
79 2007 Regional Report Surplus Deficit	5040	1015	4350	5171	5339	3745	5584	6729	9334	8646	7168	11109	8153	6455
80 2008 Regional Report Surplus Deficit	3882	1203	4135	4802	5424	2138	2949	4145	6268	6123	4362	11430	11221	7179
Ranked Averages														
81 Bottom 10 pct	1983	438	4332	5037	4812	2996	2912	4520	6479	6177	6557	10832	9257	5304
82 Middle 80 pct	4777	3073	5220	5816	5633	3978	4840	6499	8105	7480	7609	10835	9415	6135
83 Top 10 pct	6749	6746	7605	7014	6665	4184	4911	6477	7366	7063	6878	10348	8726	6265

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	3532	2459	4822	5303	4403	1892	1220	2668	4297	2577	3974	6241	6607	1241
2 1930 Regional Report Surplus Deficit	2913	1183	4734	5105	4241	1799	-565	3112	4182	3557	5340	6166	2655	3905
3 1931 Regional Report Surplus Deficit	3494	943	4088	5007	4472	1824	-366	1150	3653	2204	228	7448	2132	4089
4 1932 Regional Report Surplus Deficit	2486	-42.0	3795	4875	3692	1808	129	848	6697	8227	8859	10660	9554	6451
5 1933 Regional Report Surplus Deficit	3639	3449	5350	5450	4567	3103	5478	7215	7652	4954	5821	8999	9902	8018
6 1934 Regional Report Surplus Deficit	5940	4799	5373	6344	7854	7190	7708	9260	9925	9548	8644	9570	7827	4481
7 1935 Regional Report Surplus Deficit	2879	849	3621	5053	4066	1730	5364	6731	7670	3233	6042	8600	7528	6462
8 1936 Regional Report Surplus Deficit	5341	2132	4334	5034	4203	1705	-117	2698	4717	4151	8187	10866	9411	4503
9 1937 Regional Report Surplus Deficit	3417	1486	4312	4855	4358	1790	-278	1640	3756	2812	1029	7494	5551	2232
10 1938 Regional Report Surplus Deficit	3702	1687	4503	5268	3827	3108	4877	6489	8485	7373	9344	10363	8747	6391
11 1939 Regional Report Surplus Deficit	3150	1244	5043	5437	4077	1864	3251	4124	5508	5083	7146	9668	5073	3864
12 1940 Regional Report Surplus Deficit	3476	1297	4521	5392	5041	2517	2462	3428	9636	5773	6302	9286	5189	3265
13 1941 Regional Report Surplus Deficit	2016	-19.4	4117	5084	4329	2346	1634	2973	5145	1870	3075	7433	4558	3793
14 1942 Regional Report Surplus Deficit	2394	742	5099	5086	5027	4207	4126	3626	7417	3828	5796	8284	7711	7044
15 1943 Regional Report Surplus Deficit	4452	2895	5953	5056	3974	2310	5856	7471	8292	10207	9539	9893	10021	7995
16 1944 Regional Report Surplus Deficit	4275	2333	4889	5356	4578	1978	1300	2952	3853	2402	3659	5134	1093	1949
17 1945 Regional Report Surplus Deficit	1599	-773	3388	4994	4000	1740	16.5	2330	4064	2445	644	9302	8442	1910
18 1946 Regional Report Surplus Deficit	3485	767	3944	5165	4713	3071	4277	4862	8749	8160	9374	10590	8347	7353
19 1947 Regional Report Surplus Deficit	5530	4448	5643	5165	5348	6563	6863	8462	9103	6956	6870	10389	8751	6716
20 1948 Regional Report Surplus Deficit	5182	3769	5116	8638	7194	4735	6498	7201	7782	6053	8483	10747	9490	7697
21 1949 Regional Report Surplus Deficit	6038	5726	6107	5662	5134	2687	3976	4007	9402	6777	9132	10831	9109	2443
22 1950 Regional Report Surplus Deficit	1998	537	3938	5297	4112	2825	6526	8116	9936	8357	7972	9857	10089	8314
23 1951 Regional Report Surplus Deficit	5749	4557	5716	6810	7723	6770	7697	9807	10361	8973	8563	10337	8864	7644
24 1952 Regional Report Surplus Deficit	5590	3510	5422	8110	6474	4779	6233	7825	8232	8694	9661	10840	9234	6628
25 1953 Regional Report Surplus Deficit	4898	3509	4083	5047	4251	1881	2095	7152	7804	4224	5857	10191	10053	7228
26 1954 Regional Report Surplus Deficit	4666	3263	5432	5591	5477	3839	5753	8819	9026	6421	7127	10278	9688	8063
27 1955 Regional Report Surplus Deficit	6313	6547	8444	5735	6431	3753	2818	4181	4463	3829	4669	8745	10002	8196
28 1956 Regional Report Surplus Deficit	6040	4380	5056	6015	7014	6551	7463	9325	9702	8056	9232	10625	10019	7964
29 1957 Regional Report Surplus Deficit	5898	5186	5579	5984	5110	4206	4394	3730	8686	8341	6851	10994	9873	6087
30 1958 Regional Report Surplus Deficit	4747	1960	4942	5167	4735	2810	4999	6356	8075	5752	8390	10803	9689	5209
31 1959 Regional Report Surplus Deficit	4541	1862	4594	5322	6031	5959	7250	8941	9240	7587	6566	9984	9595	7904
32 1960 Regional Report Surplus Deficit	6072	4634	8819	9705	7969	5576	5452	6769	7887	10451	8234	9303	9370	6266
33 1961 Regional Report Surplus Deficit	4720	2142	4578	5448	4987	3012	4997	7324	9638	6586	5935	10217	9385	5738
34 1962 Regional Report Surplus Deficit	4628	2087	4557	5059	4802	2397	4616	6548	5468	8739	9354	10309	8359	5594
35 1963 Regional Report Surplus Deficit	4427	3071	4404	6186	6481	5481	5535	6799	7404	4156	5568	10019	8822	6017
36 1964 Regional Report Surplus Deficit	4393	2087	5671	5284	4673	3039	3256	4680	5681	7011	5119	9629	10045	8116
37 1965 Regional Report Surplus Deficit	5969	5198	6564	6610	6025	6689	7625	9613	9743	6042	9340	10470	9163	6317
38 1966 Regional Report Surplus Deficit	5803	5183	4736	5928	5352	3468	4264	5640	6198	8700	6813	8249	8003	6469
39 1967 Regional Report Surplus Deficit	4534	2315	4926	4991	4697	3638	6894	8547	8883	5417	2939	9073	9782	7893
40 1968 Regional Report Surplus Deficit	5364	4241	5432	5642	5760	3515	5418	8096	8648	3345	4224	7776	9215	6987
41 1969 Regional Report Surplus Deficit	5457	5240	7061	6887	7219	4825	7449	8520	8719	8612	9225	10784	9526	6860
42 1970 Regional Report Surplus Deficit	5050	3162	5066	5490	5214	2417	4781	6256	7291	4462	5023	9976	9695	4978
43 1971 Regional Report Surplus Deficit	4093	1744	4623	5130	4760	3125	7406	9400	10452	8017	8524	10586	10110	7913
44 1972 Regional Report Surplus Deficit	6227	6299	6000	6204	5523	3984	7136	9564	10845	10255	7677	10620	9652	8044
45 1973 Regional Report Surplus Deficit	6189	6291	6347	5976	5581	3433	4783	4004	5648	2297	3487	7312	4348	3195
46 1974 Regional Report Surplus Deficit	2889	582	4338	5178	4848	4738	7848	9454	10485	8947	9121	10066	9859	8312
47 1975 Regional Report Surplus Deficit	6177	6275	6031	5222	4747	2431	5397	6814	8103	4150	4818	10192	9911	8084
48 1976 Regional Report Surplus Deficit	5794	5361	6306	7246	7554	7440	7496	8968	9575	8961	8498	10635	9522	7955
49 1977 Regional Report Surplus Deficit	6466	6738	9722	6064	4930	1863	1364	3187	4213	2032	3191	4997	-133	1388
50 1978 Regional Report Surplus Deficit	1452	-646	2956	3883	3609	4279	4599	6466	6817	8063	7039	10574	7835	6533
51 1979 Regional Report Surplus Deficit	3852	1911	6870	6023	5202	2192	2266	4144	7927	3985	5616	10489	7304	2331
52 1980 Regional Report Surplus Deficit	1911	858	4583	4945	4276	1616	3528	3367	5618	4685	8033	11150	9365	4656
53 1981 Regional Report Surplus Deficit	2485	580	4942	5339	4813	5402	6554	7991	8023	2394	5344	9771	9691	7318
54 1982 Regional Report Surplus Deficit	5943	4862	5452	5565	5637	3317	6002	9651	10783	8448	7323	10245	10031	8196

Regional Report Surplus Deficit By Water Year

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2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	6028	6035	7206	7080	5927	4220	6622	8689	10476	7361	6987	10153	9577	7565
56 1984 Regional Report Surplus Deficit	6075	5769	6168	5812	7893	4704	6064	8160	9049	9023	8924	10372	10058	7566
57 1985 Regional Report Surplus Deficit	5785	3155	6193	5940	5953	3429	4195	5139	5823	6275	8063	10432	7714	915
58 1986 Regional Report Surplus Deficit	1652	277	4941	5737	6593	3574	5320	8443	10930	8960	8913	9491	8739	5501
59 1987 Regional Report Surplus Deficit	3872	1543	4445	5160	5118	3643	3203	2977	7677	2996	4805	9180	6631	3033
60 1988 Regional Report Surplus Deficit	2393	152	3949	4921	3833	1528	967	1155	4342	2920	4712	7586	4890	4124
61 1989 Regional Report Surplus Deficit	3565	1519	4223	5028	4380	2666	1941	2085	6961	5839	8603	9445	7418	4006
62 1990 Regional Report Surplus Deficit	2905	911	4338	5086	5228	4046	4454	8073	8619	5461	8833	9261	9464	6092
63 1991 Regional Report Surplus Deficit	5472	3858	4864	5020	7469	4962	6610	7861	7963	6929	6029	9569	8943	7601
64 1992 Regional Report Surplus Deficit	5899	4613	4700	5065	4570	1547	2152	3231	7703	2279	2932	6888	2305	1627
65 1993 Regional Report Surplus Deficit	1517	-207	3429	4391	4433	2045	-122	827	5726	4085	4740	9675	8133	4880
66 1994 Regional Report Surplus Deficit	3947	1652	4794	5051	4707	2272	327	2116	6327	2591	4443	7691	6403	3837
67 1995 Regional Report Surplus Deficit	3022	260	4319	4917	3776	2346	3439	5829	7091	6187	5345	10177	9614	5583
68 1996 Regional Report Surplus Deficit	3807	1982	5491	6554	8099	7327	7849	9917	10990	8675	9847	10679	9505	7877
69 1997 Regional Report Surplus Deficit	5896	4932	5537	5378	5534	4827	7828	9426	10722	8950	9549	10442	9528	8073
70 1998 Regional Report Surplus Deficit	6113	6311	7305	9026	7064	3505	4089	6848	7250	3815	6538	10788	9903	6572
71 1999 Regional Report Surplus Deficit	5830	3782	4925	5321	4565	4125	7197	9133	10395	6884	8415	9876	10001	8252
72 2000 Regional Report Surplus Deficit	6622	6590	6258	5706	7653	5508	5369	7095	7977	8551	9218	10369	6715	6014
73 2001 Regional Report Surplus Deficit	4970	1369	4328	5292	4189	1882	1017	2681	4451	2403	3375	6359	-188	2276
74 2002 Regional Report Surplus Deficit	1575	-706	3184	3524	3450	2084	1819	3044	5248	5228	8459	9248	9635	7502
75 2003 Regional Report Surplus Deficit	2879	1743	4475	4957	4540	1989	613	3359	8246	5028	6044	9125	8998	3782
76 2004 Regional Report Surplus Deficit	2700	627	4101	5247	5888	2354	2579	2457	6511	4075	5130	8922	7174	4127
77 2005 Regional Report Surplus Deficit	1746	1174	5959	5561	4957	3285	3733	5487	5491	2776	4451	9342	7645	4894
78 2006 Regional Report Surplus Deficit	3364	842	4437	4652	4940	3285	5402	7219	8410	8734	9147	10607	9879	6029
79 2007 Regional Report Surplus Deficit	4693	571	4058	4904	4985	3376	5252	6306	9195	7224	6239	9801	6834	6142
80 2008 Regional Report Surplus Deficit	3570	762	3845	4528	5070	1781	2577	3757	5913	4687	3403	10164	10081	6870
Ranked Averages														
81 Bottom 10 pct	1681	64.3	4047	4791	4429	2681	3177	4760	6729	5575	6281	9830	8736	5524
82 Middle 80 pct	4399	2579	5012	5597	5261	3545	4401	5979	7776	5993	6675	9479	8108	5745
83 Top 10 pct	6273	6353	7034	6218	6228	3648	4628	6232	7194	5494	6065	9174	7557	6132

Regional Report Surplus Deficit By Water Year

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	3170	2196	4588	5087	4138	1565	933	2445	4034	2984	3945	7009	7428	845
2 1930 Regional Report Surplus Deficit	2550	921	4495	4890	3971	1471	-885	2889	3920	3974	5310	6932	3634	3581
3 1931 Regional Report Surplus Deficit	3161	680	3849	4792	4199	1495	-673	904	3397	2608	182	8182	3092	3774
4 1932 Regional Report Surplus Deficit	2119	-280	3573	4659	3431	1481	-174	556	6424	8646	8834	11267	10150	6158
5 1933 Regional Report Surplus Deficit	3280	3211	5112	5234	4299	2773	5184	7011	7376	5373	5791	9680	10425	7686
6 1934 Regional Report Surplus Deficit	5822	4601	5134	6128	7582	6851	7411	8824	9686	9932	8603	10206	8505	4172
7 1935 Regional Report Surplus Deficit	2511	594	3392	4837	3807	1403	5071	6529	7393	3647	6011	9306	8288	6167
8 1936 Regional Report Surplus Deficit	5147	1866	4113	4818	3936	1378	-425	2474	4453	4569	8152	11493	10007	4183
9 1937 Regional Report Surplus Deficit	3053	1227	4085	4639	4086	1461	-582	1408	3496	3222	990	8229	6427	1866
10 1938 Regional Report Surplus Deficit	3352	1423	4270	5053	3580	2778	4588	6286	8208	7783	9309	10978	9428	6096
11 1939 Regional Report Surplus Deficit	2781	992	4804	5222	3815	1537	2968	3913	5242	5502	7114	10356	5950	3536
12 1940 Regional Report Surplus Deficit	3122	1037	4283	5176	4768	2188	2179	3206	9362	6190	6271	9984	6060	2926
13 1941 Regional Report Surplus Deficit	1647	-254	3881	4868	4059	2017	1346	2750	4878	2277	3045	8150	5424	3478
14 1942 Regional Report Surplus Deficit	2027	485	4864	4871	4754	3873	3841	3409	7141	4245	5765	8992	8441	6744
15 1943 Regional Report Surplus Deficit	4175	2639	5734	4840	3720	1983	5561	7268	8015	10572	9488	10544	10574	7661
16 1944 Regional Report Surplus Deficit	3953	2067	4659	5140	4309	1650	1013	2732	3594	2812	3629	5878	2104	1600
17 1945 Regional Report Surplus Deficit	1232	-1012	3155	4778	3733	1412	-292	2095	3805	2853	599	9977	9096	1508
18 1946 Regional Report Surplus Deficit	3136	517	3741	4949	4443	2741	3992	4655	8472	8555	9336	11199	9037	7054
19 1947 Regional Report Surplus Deficit	5333	4233	5405	4949	5075	6224	6560	8255	8827	7369	6837	11019	9413	6421
20 1948 Regional Report Surplus Deficit	4962	3525	4877	8413	6935	4399	6198	6998	7506	6469	8448	11312	10042	7385
21 1949 Regional Report Surplus Deficit	5939	5584	5878	5446	4861	2357	3691	3794	9144	7191	9097	11443	9765	2298
22 1950 Regional Report Surplus Deficit	1645	319	3735	5081	3853	2495	6225	7910	9699	8759	7935	10500	10634	7955
23 1951 Regional Report Surplus Deficit	5590	4341	5477	6593	7464	6430	7397	9395	10121	9371	8526	10947	9526	7329
24 1952 Regional Report Surplus Deficit	5406	3259	5183	7889	6207	4444	5933	7621	7955	9113	9636	11421	9869	6335
25 1953 Regional Report Surplus Deficit	4675	3257	3880	4831	3983	1553	1810	6950	7528	4642	5827	10843	10596	6928
26 1954 Regional Report Surplus Deficit	4362	3005	5193	5375	5204	3507	5459	8610	8751	6837	7095	10884	10271	7723
27 1955 Regional Report Surplus Deficit	6186	6465	8247	5519	6167	3420	2535	3972	4198	4245	4640	9428	10566	7849
28 1956 Regional Report Surplus Deficit	5939	4161	4821	5799	6754	6211	7160	8935	9463	8452	9203	11200	10560	7656
29 1957 Regional Report Surplus Deficit	5757	5002	5340	5768	4837	3873	4107	3513	8410	8746	6818	11559	10446	5791
30 1958 Regional Report Surplus Deficit	4454	1695	4703	4951	4463	2481	4711	6153	7798	6170	8355	11397	10276	4904
31 1959 Regional Report Surplus Deficit	4232	1598	4361	5106	5763	5621	6946	8729	8966	7996	6534	10611	10183	7577
32 1960 Regional Report Surplus Deficit	5970	4428	8565	9470	7695	5237	5157	6566	7610	10841	8189	9993	9982	5972
33 1961 Regional Report Surplus Deficit	4438	1876	4346	5232	4714	2682	4706	7122	9381	7000	5904	10829	9944	5438
34 1962 Regional Report Surplus Deficit	4337	1822	4322	4843	4530	2068	4329	6346	5200	9135	9318	10933	9060	5297
35 1963 Regional Report Surplus Deficit	4122	2812	4190	5970	6216	5144	5239	6596	7128	4573	5539	10695	9488	5718
36 1964 Regional Report Surplus Deficit	4099	1820	5433	5068	4403	2709	2974	4473	5412	7423	5089	10287	10600	7798
37 1965 Regional Report Surplus Deficit	5853	5028	6353	6394	5756	6349	7334	9168	9498	6461	9308	11057	9772	6001
38 1966 Regional Report Surplus Deficit	5649	5004	4507	5713	5079	3137	3980	5437	5928	9099	6777	8967	8711	6175
39 1967 Regional Report Surplus Deficit	4253	2049	4688	4776	4426	3306	6591	8338	8607	5835	2908	9759	10330	7570
40 1968 Regional Report Surplus Deficit	5155	4019	5194	5426	5488	3184	5127	7891	8371	3761	4195	8510	9814	6690
41 1969 Regional Report Surplus Deficit	5277	5073	6864	6669	6960	4490	7149	8311	8442	9014	9192	11382	10138	6561
42 1970 Regional Report Surplus Deficit	4799	2905	4828	5275	4941	2089	4495	6053	7016	4880	4994	10634	10251	4669
43 1971 Regional Report Surplus Deficit	3752	1481	4391	4915	4490	2795	7103	8955	10212	8416	8485	11165	10631	7591
44 1972 Regional Report Surplus Deficit	6108	6185	5764	5989	5249	3652	6833	9158	10577	10662	7656	11204	10193	7733
45 1973 Regional Report Surplus Deficit	6087	6194	6120	5760	5308	3102	4496	3791	5379	2702	3458	8047	5252	2850
46 1974 Regional Report Surplus Deficit	2525	333	4106	4963	4579	4403	7562	9009	10215	9371	9100	10656	10400	7993
47 1975 Regional Report Surplus Deficit	6075	6174	5799	5006	4477	2103	5105	6611	7826	4568	4789	10826	10495	7755
48 1976 Regional Report Surplus Deficit	5637	5185	6079	7029	7295	7100	7193	8757	9309	9367	8468	11226	10121	7625
49 1977 Regional Report Surplus Deficit	6314	6658	9332	5848	4658	1535	1079	2972	3950	2437	3161	5740	903	1031
50 1978 Regional Report Surplus Deficit	1084	-892	2753	3666	3356	3946	4312	6263	6543	8467	7005	11173	8563	6237
51 1979 Regional Report Surplus Deficit	3505	1646	6669	5807	4929	1864	1983	3931	7651	4402	5586	11141	8073	1964
52 1980 Regional Report Surplus Deficit	1543	603	4348	4729	4006	1288	3245	3146	5350	5104	7998	11721	9940	4329
53 1981 Regional Report Surplus Deficit	2116	343	4703	5124	4540	5065	6252	7786	7746	2803	5314	10433	10271	7007
54 1982 Regional Report Surplus Deficit	5836	4674	5214	5350	5365	2987	5706	9206	10540	8845	7283	10854	10611	7878

Regional Report Surplus Deficit By Water Year

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	5902	5911	6997	6863	5656	3887	6322	8482	10235	7773	6955	10782	10145	7256
56 1984 Regional Report Surplus Deficit	5958	5620	5936	5596	7633	4369	5769	7956	8778	9426	8891	10998	10621	7268
57 1985 Regional Report Surplus Deficit	5596	2893	5961	5724	5681	3098	3910	4933	5553	6690	8027	11061	8458	519
58 1986 Regional Report Surplus Deficit	1323	59.1	4706	5522	6327	3242	5030	8237	10685	9358	8883	10166	9386	5189
59 1987 Regional Report Surplus Deficit	3520	1281	4219	4944	4845	3311	2920	2752	7401	3408	4776	9854	7410	2687
60 1988 Regional Report Surplus Deficit	2023	-72.8	3724	4706	3565	1201	674	907	4079	3330	4683	8327	5791	3805
61 1989 Regional Report Surplus Deficit	3225	1255	3991	4812	4112	2337	1655	1848	6688	6256	8568	10133	8185	3679
62 1990 Regional Report Surplus Deficit	2536	669	4109	4870	4955	3712	4168	7865	8343	5879	8797	9932	10044	5798
63 1991 Regional Report Surplus Deficit	5289	3623	4630	4804	7210	4625	6308	7655	7685	7341	5997	10232	9569	7263
64 1992 Regional Report Surplus Deficit	5781	4409	4467	4849	4299	1221	1868	3011	7426	2683	2902	7624	3250	1275
65 1993 Regional Report Surplus Deficit	1149	-457	3203	4175	4162	1717	-443	575	5457	4502	4711	10333	8874	4569
66 1994 Regional Report Surplus Deficit	3615	1386	4555	4835	4434	1942	22.5	1885	6055	3001	4414	8422	7202	3509
67 1995 Regional Report Surplus Deficit	2668	8.93	4081	4701	3519	2017	3156	5625	6818	6602	5315	10835	10175	5280
68 1996 Regional Report Surplus Deficit	3449	1717	5255	6338	7817	6987	7556	9472	10721	9078	9828	11289	10103	7550
69 1997 Regional Report Surplus Deficit	5765	4742	5298	5162	5261	4492	7540	8981	10453	9337	9512	11027	10129	7748
70 1998 Regional Report Surplus Deficit	5989	6199	7097	8798	6804	3175	3806	6645	6976	4232	6507	11366	10464	6280
71 1999 Regional Report Surplus Deficit	5657	3532	4690	5105	4296	3792	6894	8921	10156	7293	8378	10526	10526	7922
72 2000 Regional Report Surplus Deficit	6514	6483	6031	5490	7391	5171	5079	6893	7700	8962	9188	10983	7530	5718
73 2001 Regional Report Surplus Deficit	4698	1120	4106	5077	3922	1554	730	2460	4186	2813	3346	7119	862	1936
74 2002 Regional Report Surplus Deficit	1207	-941	2980	3313	3194	1756	1533	2823	4981	5647	8424	9928	10218	7194
75 2003 Regional Report Surplus Deficit	2509	1481	4241	4741	4267	1661	314	3142	7969	5447	6013	9806	9638	3518
76 2004 Regional Report Surplus Deficit	2330	387	3881	5031	5622	2026	2296	2225	6238	4493	5101	9621	7948	3800
77 2005 Regional Report Surplus Deficit	1385	925	5742	5346	4684	2953	3448	5284	5222	3190	4422	10014	8397	4586
78 2006 Regional Report Surplus Deficit	3007	588	4204	4437	4667	2954	5111	7017	8133	9144	9117	11215	10469	5731
79 2007 Regional Report Surplus Deficit	4387	337	3855	4689	4713	3044	4960	6103	8919	7634	6208	10451	7627	5847
80 2008 Regional Report Surplus Deficit	3207	523	3642	4312	4799	1454	2294	3545	5643	5105	3372	10787	10645	6578

Ranked Averages

81 Bottom 10 pct	1321	-174	3828	4576	4164	2351	2882	4542	6468	5985	6247	10476	9388	5196
82 Middle 80 pct	4127	2360	4741	5320	4991	3200	4117	5756	7526	6381	6653	10150	8796	5450
83 Top 10 pct	6155	6098	7119	6485	5969	3424	4261	5826	6777	6081	5948	9698	8173	5649

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	2775	1931	4347	4741	3792	471	-817	730	2425	1830	2852	5130	4438	-837
2 1930 Regional Report Surplus Deficit	2155	653	4260	4543	3608	370	-2463	1174	2303	2812	4222	5145	558	1896
3 1931 Regional Report Surplus Deficit	2764	412	3613	4444	3827	419	-2280	-789	1763	1453	-912	6393	25.1	2089
4 1932 Regional Report Surplus Deficit	1725	-548	3315	4312	3101	390	-1805	-1097	4852	7420	7714	9473	7338	4441
5 1933 Regional Report Surplus Deficit	2885	2951	4875	4886	3943	1734	3393	5264	5796	4205	4703	7830	7616	5932
6 1934 Regional Report Surplus Deficit	5406	4343	4899	5780	7235	5790	5420	7295	8022	8672	7482	8452	5634	2483
7 1935 Regional Report Surplus Deficit	2117	326	3143	4489	3483	283	3276	4783	5813	2488	4923	7476	5353	4462
8 1936 Regional Report Surplus Deficit	4739	1599	3853	4472	3584	286	-2024	760	2850	3404	7066	9619	7062	2486
9 1937 Regional Report Surplus Deficit	2659	959	3833	4294	3717	379	-2211	-298	1870	2066	-105	6376	3320	185
10 1938 Regional Report Surplus Deficit	2956	1156	4027	4706	3291	1732	2778	4543	6618	6544	8184	9018	6443	4384
11 1939 Regional Report Surplus Deficit	2387	724	4569	4874	3483	419	1161	2185	3649	4332	6027	8509	2932	1852
12 1940 Regional Report Surplus Deficit	2726	769	4046	4828	4388	1131	387	1490	7734	5019	5184	8161	3059	1245
13 1941 Regional Report Surplus Deficit	1254	-522	3642	4521	3695	943	-393	1035	3289	1123	1952	6324	2414	1792
14 1942 Regional Report Surplus Deficit	1633	217	4624	4523	4376	2858	2025	1688	5565	3083	4677	7148	5473	5023
15 1943 Regional Report Surplus Deficit	3773	2375	5473	4494	3410	889	3775	5522	6429	9185	8276	8708	7706	5881
16 1944 Regional Report Surplus Deficit	3554	1801	4411	4794	3950	546	-744	1014	1966	1656	2536	4035	-1057	-80.5
17 1945 Regional Report Surplus Deficit	838	-1280	2911	4430	3381	331	-1887	392	2178	1698	-495	8127	6174	87.0
18 1946 Regional Report Surplus Deficit	2740	248	3453	4603	4079	1695	2176	2922	6876	7307	8207	9305	6045	5328
19 1947 Regional Report Surplus Deficit	4925	3974	5169	4603	4696	5187	4812	6506	7219	6190	5742	9267	6477	4707
20 1948 Regional Report Surplus Deficit	4556	3263	4641	8085	6591	3387	4435	5252	5927	5295	7359	9554	7135	5630
21 1949 Regional Report Surplus Deficit	5518	5325	5630	5099	4484	1298	1874	2069	7521	5995	7995	9605	6853	343
22 1950 Regional Report Surplus Deficit	1253	44.8	3447	4734	3530	1446	4461	6162	8060	7549	6820	8639	7753	6173
23 1951 Regional Report Surplus Deficit	5179	4082	5241	6245	7126	5391	5468	7842	8453	8075	7348	9039	6627	5556
24 1952 Regional Report Surplus Deficit	4997	2997	4947	7551	5840	3431	4166	5874	6372	7824	8489	9681	6896	4541
25 1953 Regional Report Surplus Deficit	4269	2994	3594	4486	3627	462	44.6	5205	5951	3478	4739	8922	7720	5191
26 1954 Regional Report Surplus Deficit	3963	2741	4957	5028	4824	2484	3665	6861	7141	5657	6001	8975	7322	5916
27 1955 Regional Report Surplus Deficit	5762	6188	7912	5171	5804	2401	743	2242	2597	3084	3550	7588	7748	6087
28 1956 Regional Report Surplus Deficit	5519	3902	4580	5451	6405	5174	5424	7361	7825	7179	8105	9442	7681	5810
29 1957 Regional Report Surplus Deficit	5344	4744	5105	5420	4462	2855	2293	1792	6817	7554	5716	9883	7590	4078
30 1958 Regional Report Surplus Deficit	4053	1428	4467	4605	4093	1418	2899	4413	6214	4996	7267	9646	7346	3123
31 1959 Regional Report Surplus Deficit	3833	1331	4118	4759	5389	4596	5204	6980	7342	6812	5438	8750	7387	5827
32 1960 Regional Report Surplus Deficit	5550	4170	8312	9171	7344	4214	3368	4822	6033	9640	6920	8150	7145	4266
33 1961 Regional Report Surplus Deficit	4036	1609	4101	4885	4341	1639	2902	5376	7752	5828	4807	8989	7129	3722
34 1962 Regional Report Surplus Deficit	3937	1557	4081	4498	4159	997	2515	4602	3614	7880	8186	9063	6185	3596
35 1963 Regional Report Surplus Deficit	3722	2549	3920	5621	5852	4127	3454	4853	5554	3410	4449	8787	6597	4000
36 1964 Regional Report Surplus Deficit	3698	1554	5196	4722	4039	1664	1169	2740	3829	6249	3997	8409	7587	6018
37 1965 Regional Report Surplus Deficit	5436	4770	6083	6046	5383	5306	5309	7654	7843	5257	8199	9230	6806	4294
38 1966 Regional Report Surplus Deficit	5237	4746	4259	5364	4699	2109	2163	3698	4350	7908	5678	7150	5802	4460
39 1967 Regional Report Surplus Deficit	3852	1783	4452	4429	4061	2278	4843	6589	6999	4668	1814	7885	7362	5824
40 1968 Regional Report Surplus Deficit	4748	3760	4958	5078	5110	2155	3323	6144	6778	2599	3105	6668	6903	4955
41 1969 Regional Report Surplus Deficit	4867	4815	6563	6323	6614	3477	5207	6562	6837	7679	8017	9595	7192	4842
42 1970 Regional Report Surplus Deficit	4396	2642	4592	4928	4563	1006	2680	4312	5444	3716	3904	8801	7403	2972
43 1971 Regional Report Surplus Deficit	3356	1213	4146	4569	4129	1748	5360	7438	8524	7176	7353	9366	7712	5804
44 1972 Regional Report Surplus Deficit	5691	5922	5525	5641	4871	2630	5090	7599	8966	9316	6393	9406	7239	5934
45 1973 Regional Report Surplus Deficit	5664	5926	5869	5412	4929	2063	2682	2066	3796	1546	2365	6192	2217	1170
46 1974 Regional Report Surplus Deficit	2131	64.5	3862	4616	4218	3390	5540	7495	8601	8019	7911	8820	7593	6182
47 1975 Regional Report Surplus Deficit	5655	5907	5555	4661	4114	1012	3304	4867	6247	3405	3699	8953	7623	6000
48 1976 Regional Report Surplus Deficit	5225	4927	5828	6682	6957	6039	5455	7007	7673	8100	7313	9484	7273	5853
49 1977 Regional Report Surplus Deficit	5911	6374	9273	5500	4285	444	-692	1249	2339	1284	2067	3897	-2186	-649
50 1978 Regional Report Surplus Deficit	691	-1161	2465	3324	3051	2931	2498	4520	4971	7271	5900	9330	5657	4529
51 1979 Regional Report Surplus Deficit	3109	1379	6353	5459	4550	769	194	2206	6076	3239	4497	9277	5138	284
52 1980 Regional Report Surplus Deficit	1150	335	4108	4384	3644	151	1433	1429	3763	3936	6913	9968	7059	2636
53 1981 Regional Report Surplus Deficit	1722	74.6	4468	4776	4166	4050	4497	6038	6163	1648	4225	8548	7477	5277
54 1982 Regional Report Surplus Deficit	5418	4416	4978	5002	4987	1949	3922	7692	8825	7656	6186	9006	7741	6119

Regional Report Surplus Deficit By Water Year

Operating Year 2021

2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	5486	5650	6693	6515	5279	2869	4555	6734	8549	6590	5860	8908	7216	5526
56 1984 Regional Report Surplus Deficit	5541	5361	5691	5249	7297	3356	3981	6208	7181	8166	7751	9158	7775	5519
57 1985 Regional Report Surplus Deficit	5187	2629	5716	5376	5302	2064	2093	3198	3973	5513	6937	9196	5532	-1164
58 1986 Regional Report Surplus Deficit	930	-215	4466	5174	5961	2217	3225	6489	8938	8062	7695	8356	6539	3462
59 1987 Regional Report Surplus Deficit	3124	1013	3965	4599	4471	2283	1118	1039	5826	2251	3685	7991	4480	1006
60 1988 Regional Report Surplus Deficit	1630	-341	3470	4359	3210	63.4	-1031	-785	2468	2174	3592	6471	2761	2117
61 1989 Regional Report Surplus Deficit	2828	988	3746	4466	3757	1282	-103	147	5114	5078	7474	8290	5177	1993
62 1990 Regional Report Surplus Deficit	2142	401	3859	4524	4576	2697	2352	6117	6742	4705	7704	8095	7156	4079
63 1991 Regional Report Surplus Deficit	4880	3362	4388	4459	6872	3611	4556	5974	6166	6227	4970	8452	6704	5477
64 1992 Regional Report Surplus Deficit	5364	4151	4224	4503	3934	84.3	84.7	1363	5916	1592	1873	5835	190	-406
65 1993 Regional Report Surplus Deficit	755	-725	2951	3827	3794	635	-2020	-1046	3874	3339	3620	8440	5898	2867
66 1994 Regional Report Surplus Deficit	3218	1119	4320	4488	4058	883	-1600	244	4549	1914	3392	6663	4231	1818
67 1995 Regional Report Surplus Deficit	2273	-259	3845	4354	3201	945	1347	3952	5245	5430	4226	8950	7246	3505
68 1996 Regional Report Surplus Deficit	3054	1450	5016	5990	7456	5927	5535	7958	9104	7807	8673	9424	7184	5730
69 1997 Regional Report Surplus Deficit	5351	4484	5063	4815	4881	3479	5514	7467	8839	8002	8344	9250	7243	5917
70 1998 Regional Report Surplus Deficit	5574	5935	6792	8477	6456	2139	1990	4901	5404	3070	5420	9585	7611	4490
71 1999 Regional Report Surplus Deficit	5247	3270	4449	4759	3939	2772	5152	7171	8478	6113	7260	8656	7548	6062
72 2000 Regional Report Surplus Deficit	6089	6218	5780	5143	7053	4154	3275	5222	6122	7714	8056	9131	4455	3941
73 2001 Regional Report Surplus Deficit	4296	851	3848	4730	3570	459	-1027	743	2585	1657	2252	5239	-2308	180
74 2002 Regional Report Surplus Deficit	813	-1209	2692	2972	2883	670	-228	1106	3390	4478	7336	8110	7296	5455
75 2003 Regional Report Surplus Deficit	2116	1214	3998	4394	3892	577	-1350	1420	6385	4279	4926	8001	6745	1603
76 2004 Regional Report Surplus Deficit	1937	119	3619	4683	5253	955	505	519	4665	3328	4011	7811	4935	2041
77 2005 Regional Report Surplus Deficit	993	657	5479	4997	4304	1930	1632	3544	3641	2031	3331	8222	5413	2823
78 2006 Regional Report Surplus Deficit	2612	320	3960	4090	4289	1922	3309	5271	6538	7859	7963	9429	7559	3939
79 2007 Regional Report Surplus Deficit	3988	69.0	3569	4343	4340	2015	3162	4360	7313	6455	5121	8598	4590	4066
80 2008 Regional Report Surplus Deficit	2813	254	3354	3965	4421	355	501	1818	4064	3940	2279	8919	7689	4778
Ranked Averages														
81 Bottom 10 pct	928	-444	3565	4230	3818	1289	1139	2825	4852	4796	5140	8649	6474	3504
82 Middle 80 pct	3725	2096	4492	4973	4630	2146	2330	4058	5924	5184	5549	8317	5859	3707
83 Top 10 pct	5737	5830	6877	6147	5607	2382	2470	4121	5188	4882	4809	7863	5231	3905

Regional Report Surplus Deficit By Water Year

Operating Year 2022

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	1443	605	3067	3130	2122	-501	-1379	218	1901	-93.8	1377	6290	5791	-958
2 1930 Regional Report Surplus Deficit	821	-669	2985	2930	1948	-602	-3003	662	1781	886	2750	6303	2016	1774
3 1931 Regional Report Surplus Deficit	1432	-911	2262	2831	2174	-552	-2824	-1286	1240	-472	-2377	7523	1477	1965
4 1932 Regional Report Surplus Deficit	390	-1861	2047	2700	1421	-582	-2352	-1586	4309	5491	6250	10497	8441	4305
5 1933 Regional Report Surplus Deficit	1551	1620	3599	3273	2279	760	2827	4738	5246	2279	3231	8931	8687	5779
6 1934 Regional Report Surplus Deficit	4087	3014	3621	4165	5567	4726	5109	6774	7486	6739	6018	9524	6825	2358
7 1935 Regional Report Surplus Deficit	782	-993	1874	2875	1799	-691	2709	4257	5263	563	3452	8591	6644	4326
8 1936 Regional Report Surplus Deficit	3416	274	2589	2861	1917	-686	-2566	248	2323	1478	5601	10666	8198	2363
9 1937 Regional Report Surplus Deficit	1324	-362	2557	2684	2062	-592	-2758	-804	1351	141	-1575	7513	4726	65.3
10 1938 Regional Report Surplus Deficit	1623	-167	2754	3093	1590	759	2209	4016	6067	4616	6720	10086	7641	4250
11 1939 Regional Report Surplus Deficit	1051	-593	3287	3260	1804	-555	592	1665	3119	2405	4559	9611	4334	1730
12 1940 Regional Report Surplus Deficit	1392	-552	2695	3214	2743	159	-180	978	7188	3092	3714	9269	4456	1124
13 1941 Regional Report Surplus Deficit	-81.9	-1834	2294	2908	2036	-28.9	-953	523	2757	-800	477	7448	3807	1668
14 1942 Regional Report Surplus Deficit	298	-1103	3272	2910	2729	1871	1455	1171	5017	1157	3207	8266	6730	4880
15 1943 Regional Report Surplus Deficit	2445	1046	4125	2883	1718	-83.3	3210	4997	5879	7253	6812	9791	8769	5729
16 1944 Regional Report Surplus Deficit	2223	474	3067	3184	2288	-427	-1306	500	1447	-268	1061	5170	404	-201
17 1945 Regional Report Surplus Deficit	-497	-2594	1566	2817	1714	-641	-2429	-112	1659	-226	-1961	9225	7338	-33.0
18 1946 Regional Report Surplus Deficit	1406	-1069	2138	2992	2420	722	1606	2399	6325	5378	6742	10344	7278	5184
19 1947 Regional Report Surplus Deficit	3602	2644	3817	2993	3049	4147	4252	5983	6670	4262	4273	10322	7656	4569
20 1948 Regional Report Surplus Deficit	3232	1933	3292	6458	4934	2391	3873	4726	5378	3368	5895	10543	8199	5481
21 1949 Regional Report Surplus Deficit	4198	3999	4279	3485	2835	327	1305	1550	6974	4068	6531	10630	8014	224
22 1950 Regional Report Surplus Deficit	-83.3	-1265	2204	3122	1846	474	3899	5638	7517	5620	5355	9704	8819	6020
23 1951 Regional Report Surplus Deficit	3858	2752	3888	4630	5464	4350	5102	7321	7924	6145	5884	10088	7806	5406
24 1952 Regional Report Surplus Deficit	3675	1667	3598	5932	4194	2435	3603	5349	5822	5894	7023	10666	8058	4405
25 1953 Regional Report Surplus Deficit	2939	1659	2263	2876	1963	-510	-519	4679	5403	1552	3267	10000	8778	5049
26 1954 Regional Report Surplus Deficit	2556	1335	3607	3415	3179	1504	3098	6338	6592	3730	4532	10037	8406	5762
27 1955 Regional Report Surplus Deficit	4431	4858	6584	3558	4156	1418	176	1721	2070	1158	2076	8696	8816	5933
28 1956 Regional Report Surplus Deficit	4201	2573	3234	3837	4751	4134	4865	6840	7284	5250	6640	10432	8746	5659
29 1957 Regional Report Surplus Deficit	3946	3339	3755	3806	2811	1871	1723	1275	6267	5625	4247	10837	8642	3945
30 1958 Regional Report Surplus Deficit	2726	106	3118	2994	2438	446	2330	3887	5664	3069	5802	10643	8442	2996
31 1959 Regional Report Surplus Deficit	2425	-69.4	2772	3147	3745	3572	4645	6458	6797	4884	3969	9818	8464	5673
32 1960 Regional Report Surplus Deficit	4234	2843	6977	7505	5676	3193	2802	4296	5485	7706	5456	9256	8265	4130
33 1961 Regional Report Surplus Deficit	2708	284	2756	3271	2689	665	2334	4850	7208	3900	3336	10034	8197	3590
34 1962 Regional Report Surplus Deficit	2608	229	2801	2887	2505	25.8	1946	4076	3081	5951	6720	10129	7406	3466
35 1963 Regional Report Surplus Deficit	2392	1220	2657	4007	4205	3114	2889	4327	5006	1485	2977	9887	7779	3867
36 1964 Regional Report Surplus Deficit	2369	227	3842	3111	2380	690	600	2217	3295	4321	2524	9497	8665	5865
37 1965 Regional Report Surplus Deficit	4118	3443	4809	4431	3739	4259	5015	7127	7304	3330	6734	10245	7935	4160
38 1966 Regional Report Surplus Deficit	3839	3341	2913	3750	3054	1131	1593	3172	3812	5978	4208	8274	7038	4323
39 1967 Regional Report Surplus Deficit	2526	459	3169	2818	2403	1301	4282	6067	6449	2741	339	8989	8437	5672
40 1968 Regional Report Surplus Deficit	3425	2430	3679	3465	3466	1178	2755	5619	6228	673	1631	7801	8028	4813
41 1969 Regional Report Surplus Deficit	3542	3485	5294	4707	4958	2480	4853	6040	6288	5749	6552	10601	8324	4703
42 1970 Regional Report Surplus Deficit	3070	1313	3314	3316	2915	34.5	2111	3786	4897	1789	2430	9886	8496	2847
43 1971 Regional Report Surplus Deficit	2023	-110	2871	2957	2468	775	4809	6914	7994	5247	5889	10372	8783	5656
44 1972 Regional Report Surplus Deficit	4372	4599	4172	4026	3224	1649	4530	7079	8452	7383	4926	10413	8317	5781
45 1973 Regional Report Surplus Deficit	4345	4604	4519	3798	3284	1089	2113	1547	3261	-378	891	7323	3638	1049
46 1974 Regional Report Surplus Deficit	796	-1253	2517	3003	2557	2396	5227	6968	8086	6089	6446	9839	8654	6028
47 1975 Regional Report Surplus Deficit	4337	4585	4271	3051	2454	40.5	2736	4341	5697	1479	2225	10016	8691	5847
48 1976 Regional Report Surplus Deficit	3904	3600	4476	5067	5295	4972	4896	6486	7131	6169	5849	10472	8396	5701
49 1977 Regional Report Surplus Deficit	4511	4975	7919	3885	2632	-528	-1256	732	1815	-639	592	5032	-729	-769
50 1978 Regional Report Surplus Deficit	-642	-2474	1225	1718	1356	1942	1928	3994	4428	5342	4431	10380	6906	4392
51 1979 Regional Report Surplus Deficit	1776	55.6	5014	3844	2903	-203	-373	1687	5527	1313	3025	10352	6438	164
52 1980 Regional Report Surplus Deficit	-186	-984	2827	2773	1984	-816	864	915	3230	2010	5447	10958	8168	2511
53 1981 Regional Report Surplus Deficit	387	-1239	3116	3163	2515	3040	3936	5513	5613	-276	2752	9637	8534	5129
54 1982 Regional Report Surplus Deficit	4099	3088	3704	3390	3343	974	3357	7165	8304	5727	4720	10040	8803	5965

Regional Report Surplus Deficit By Water Year

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2015 White Book Report Date: **6/30/2015** *Continued*

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	4167	4326	5352	4900	3635	1885	3992	6210	8016	4662	4392	9973	8333	5379
56 1984 Regional Report Surplus Deficit	4223	3958	4340	3636	5632	2363	3415	5683	6631	6236	6287	10219	8846	5373
57 1985 Regional Report Surplus Deficit	3865	1293	4365	3763	3658	1088	1523	2674	3437	3585	5472	10251	6801	-1285
58 1986 Regional Report Surplus Deficit	-405	-1525	3119	3561	4315	1238	2657	5965	8416	6132	6232	9452	7704	3334
59 1987 Regional Report Surplus Deficit	1790	-309	2624	2989	2820	1305	550	529	5278	326	2212	9095	5793	885
60 1988 Regional Report Surplus Deficit	294	-1650	2196	2747	1545	-903	-1587	-1281	1944	249	2118	7608	4180	1994
61 1989 Regional Report Surplus Deficit	1418	-412	2399	2854	2092	310	-665	-355	4571	3151	6010	9391	6477	1871
62 1990 Regional Report Surplus Deficit	732	-989	2516	2912	2930	1708	1783	5594	6192	2778	6240	9195	8269	3946
63 1991 Regional Report Surplus Deficit	3483	1957	3042	2849	5210	2606	3995	5450	5616	4299	3501	9540	7851	5325
64 1992 Regional Report Surplus Deficit	4040	2816	2945	2892	2276	-892	-481	849	5365	-332	398	6970	1635	-526
65 1993 Regional Report Surplus Deficit	-581	-2043	1680	2214	2138	-337	-2561	-1538	3339	1413	2146	9526	7160	2742
66 1994 Regional Report Surplus Deficit	1808	-283	2967	2876	2408	-88.4	-2146	-263	4008	-10.4	1917	7794	5566	1696
67 1995 Regional Report Surplus Deficit	934	-1582	2495	2741	1514	-26.0	777	3426	4703	3502	2754	10039	8355	3377
68 1996 Regional Report Surplus Deficit	1642	48.8	3665	4375	5789	4863	5242	7431	8589	5878	7208	10462	8289	5577
69 1997 Regional Report Surplus Deficit	3956	3080	3713	3203	3237	2484	5213	6940	8325	6072	6878	10247	8303	5763
70 1998 Regional Report Surplus Deficit	4180	4537	5453	6843	4801	1164	1421	4375	4859	1144	3950	10587	8683	4355
71 1999 Regional Report Surplus Deficit	3850	1865	3103	3149	2276	1790	4593	6650	7949	4185	5795	9740	8647	5909
72 2000 Regional Report Surplus Deficit	4693	4820	4430	3529	5387	3143	2707	4696	5573	5784	6592	10190	5807	3808
73 2001 Regional Report Surplus Deficit	2894	-541	2508	3118	1903	-513	-1590	229	2057	-267	778	6392	-852	59.2
74 2002 Regional Report Surplus Deficit	-597	-2596	1378	1374	1192	-302	-791	593	2859	2552	5872	9211	8371	5307
75 2003 Regional Report Surplus Deficit	775	-113	2725	2845	2306	-394	-1901	904	5834	2352	3455	9102	7902	1482
76 2004 Regional Report Surplus Deficit	524	-1273	2278	3070	3607	-16.5	-62.1	13.2	4124	1402	2538	8922	6239	1919
77 2005 Regional Report Surplus Deficit	-419	-735	4131	3383	2658	950	1062	3019	3105	106	1858	9317	6691	2698
78 2006 Regional Report Surplus Deficit	1203	-1074	2615	2479	2641	946	2742	4745	5987	5930	6499	10449	8642	3807
79 2007 Regional Report Surplus Deficit	2583	-1318	2238	2732	2688	1038	2594	3834	6764	4526	3650	9681	5921	3932
80 2008 Regional Report Surplus Deficit	1403	-1135	2040	2352	2777	-618	-66.0	1299	3527	2014	804	9975	8755	4641

Ranked Averages

81 Bottom 10 pct	-426	-1777	2266	2620	2150	314	579	2309	4319	2868	3672	9722	7645	3371
82 Middle 80 pct	2376	761	3188	3412	2961	1140	1763	3518	5357	3177	4043	9395	7049	3556
83 Top 10 pct	4393	4405	5402	4124	4056	1546	2153	3762	4873	3591	3631	8893	6456	3894

Regional Report Surplus Deficit By Water Year

Operating Year 2023

2015 White Book Report Date: 6/30/2015

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	951	143	2566	2598	1547	-1092	-1880	-250	1495	176	1211	4471	3873	-1461
2 1930 Regional Report Surplus Deficit	328	-1126	2485	2398	1375	-1192	-3498	195	1379	1145	2583	4487	-74.4	1246
3 1931 Regional Report Surplus Deficit	942	-1368	1761	2298	1602	-1146	-3321	-1786	857	-202	-2525	5748	-591	1436
4 1932 Regional Report Surplus Deficit	-103	-2316	1545	2168	844	-1173	-2849	-2105	3898	5739	6080	8851	6715	3783
5 1933 Regional Report Surplus Deficit	1059	1156	3099	2740	1705	161	2326	4280	4844	2531	3064	7197	6976	5277
6 1934 Regional Report Surplus Deficit	3612	2548	3120	3630	4998	4304	4616	6310	7090	6997	5847	7825	5045	1828
7 1935 Regional Report Surplus Deficit	289	-1449	1373	2342	1222	-1279	2208	3804	4861	827	3286	6837	4786	3805
8 1936 Regional Report Surplus Deficit	2935	-186	2087	2329	1343	-1277	-3063	-220	1916	1737	5434	8996	6453	1834
9 1937 Regional Report Surplus Deficit	832	-818	2055	2153	1490	-1185	-3255	-1284	952	409	-1730	5726	2745	-451
10 1938 Regional Report Surplus Deficit	1132	-625	2253	2561	1009	161	1707	3565	5671	4862	6547	8392	5855	3726
11 1939 Regional Report Surplus Deficit	558	-1049	2787	2727	1228	-1142	88.6	1211	2709	2658	4393	7876	2358	1201
12 1940 Regional Report Surplus Deficit	901	-1009	2195	2680	2172	-437	-683	511	6799	3341	3548	7525	2488	599
13 1941 Regional Report Surplus Deficit	-577	-2288	1794	2375	1463	-623	-1454	55.5	2346	-530	311	5681	1843	1138
14 1942 Regional Report Surplus Deficit	-195	-1560	2772	2378	2157	1269	952	712	4611	1416	3040	6509	4900	4367
15 1943 Regional Report Surplus Deficit	1959	583	3625	2352	1139	-674	2709	4541	5480	7509	6639	8079	7061	5227
16 1944 Regional Report Surplus Deficit	1734	14.3	2566	2653	1715	-1016	-1808	36.2	1048	-0.93	895	3381	-1723	-723
17 1945 Regional Report Surplus Deficit	-990	-3048	1064	2284	1140	-1234	-2926	-596	1260	44.1	-2109	7494	5575	-546
18 1946 Regional Report Surplus Deficit	915	-1525	1633	2461	1847	124	1103	1949	5930	5625	6567	8682	5467	4672
19 1947 Regional Report Surplus Deficit	3121	2179	3317	2463	2478	3548	3754	5518	6280	4509	4108	8643	5883	4050
20 1948 Regional Report Surplus Deficit	2749	1469	2791	5918	4360	1789	3374	4271	4975	3615	5728	8935	6492	4976
21 1949 Regional Report Surplus Deficit	3728	3535	3780	2953	2264	-269	802	1094	6586	4315	6361	8983	6253	-294
22 1950 Regional Report Surplus Deficit	-580	-1715	1699	2590	1268	-124	3400	5176	7127	5866	5189	8013	7111	5517
23 1951 Regional Report Surplus Deficit	3379	2286	3388	4094	4891	3751	4609	6855	7518	6394	5716	8415	6033	4902
24 1952 Regional Report Surplus Deficit	3194	1203	3097	5393	3622	1833	3104	4892	5422	6142	6845	9062	6296	3883
25 1953 Regional Report Surplus Deficit	2456	1196	1760	2345	1389	-1101	-1021	4227	4998	1810	3100	8295	7073	4535
26 1954 Regional Report Surplus Deficit	2068	872	3107	2883	2608	903	2597	5871	6203	3978	4367	8349	6689	5259
27 1955 Regional Report Surplus Deficit	3966	4319	6077	3025	3584	817	-327	1269	1662	1419	1910	6954	7107	5431
28 1956 Regional Report Surplus Deficit	3729	2107	2733	3303	4178	3535	4370	6373	6893	5497	6462	8823	7038	5156
29 1957 Regional Report Surplus Deficit	3469	2873	3254	3273	2240	1270	1220	816	5870	5871	4081	9266	6938	3420
30 1958 Regional Report Surplus Deficit	2239	-352	2617	2462	1866	-149	1828	3438	5264	3319	5636	9027	6719	2467
31 1959 Regional Report Surplus Deficit	1937	-527	2271	2615	3173	2971	4149	5990	6407	5130	3802	8124	6751	5172
32 1960 Regional Report Surplus Deficit	3762	2377	6468	6970	5108	2592	2301	3843	5080	7969	5289	7516	6529	3608
33 1961 Regional Report Surplus Deficit	2222	-175	2255	2738	2117	67.0	1832	4396	6818	4147	3169	8366	6488	3065
34 1962 Regional Report Surplus Deficit	2121	-232	2300	2356	1933	-568	1443	3625	2669	6198	6543	8437	5604	2938
35 1963 Regional Report Surplus Deficit	1905	757	2155	3473	3632	2513	2388	3877	4600	1744	2810	8155	6004	3342
36 1964 Regional Report Surplus Deficit	1882	-232	3342	2579	1807	92.7	96.9	1767	2883	4567	2357	7780	6951	5363
37 1965 Regional Report Surplus Deficit	3643	2977	4309	3894	3167	3661	4524	6663	6911	3579	6558	8609	6194	3636
38 1966 Regional Report Surplus Deficit	3361	2875	2411	3216	2483	531	1090	2724	3400	6227	4043	6508	5225	3803
39 1967 Regional Report Surplus Deficit	2039	-1.29	2668	2287	1830	701	3785	5600	6059	2992	175	7251	6725	5170
40 1968 Regional Report Surplus Deficit	2943	1964	3179	2932	2895	578	2253	5159	5832	935	1464	6022	6289	4299
41 1969 Regional Report Surplus Deficit	3062	3019	4793	4170	4384	1878	4359	5572	5897	5997	6377	8975	6581	4185
42 1970 Regional Report Surplus Deficit	2585	850	2813	2784	2344	-558	1608	3337	4489	2046	2264	8172	6775	2317
43 1971 Regional Report Surplus Deficit	1533	-567	2370	2426	1895	178	4315	6449	7589	5494	5720	8746	7072	5150
44 1972 Regional Report Surplus Deficit	3897	4138	3672	3493	2653	1048	4034	6613	8019	7642	4760	8786	6603	5279
45 1973 Regional Report Surplus Deficit	3876	4147	4019	3265	2713	490	1610	1091	2849	-109	724	5547	1634	526
46 1974 Regional Report Surplus Deficit	304	-1708	2015	2470	1984	1794	4756	6503	7654	6338	6273	8199	6947	5524
47 1975 Regional Report Surplus Deficit	3864	4127	3772	2520	1881	-551	2235	3889	5295	1736	2058	8327	6981	5345
48 1976 Regional Report Surplus Deficit	3426	3134	3976	4530	4722	4375	4401	6018	6740	6419	5681	8866	6658	5199
49 1977 Regional Report Surplus Deficit	4046	4398	7406	3351	2061	-1120	-1758	274	1411	-368	427	3243	-2885	-1288
50 1978 Regional Report Surplus Deficit	-1135	-2929	720	1189	777	1341	1426	3543	4017	5588	4266	8706	5083	3871
51 1979 Regional Report Surplus Deficit	1286	-403	4513	3310	2332	-794	-875	1231	5122	1572	2858	8649	4572	-352
52 1980 Regional Report Surplus Deficit	-681	-1440	2326	2242	1411	-1403	360	451	2819	2265	5282	9349	6438	1981
53 1981 Regional Report Surplus Deficit	-107	-1693	2615	2630	1943	2439	3438	5052	5212	-7.05	2586	7918	6829	4623
54 1982 Regional Report Surplus Deficit	3626	2622	3204	2858	2772	376	2856	6700	7881	5974	4554	8384	7096	5461

Regional Report Surplus Deficit By Water Year

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	3691	3863	4851	4363	3063	1283	3493	5746	7616	4907	4226	8282	6599	4872
56 1984 Regional Report Surplus Deficit	3748	3493	3840	3103	5059	1761	2914	5224	6237	6485	6115	8533	7135	4864
57 1985 Regional Report Surplus Deficit	3384	831	3866	3231	3087	489	1020	2225	3024	3834	5306	8571	4961	-1785
58 1986 Regional Report Surplus Deficit	-914	-1975	2618	3029	3742	637	2155	5502	7996	6382	6060	7724	5941	2805
59 1987 Regional Report Surplus Deficit	1299	-766	2122	2458	2248	705	46.6	58.1	4872	592	2045	7357	3916	362
60 1988 Regional Report Surplus Deficit	-200	-2104	1694	2215	971	-1490	-2087	-1783	1540	517	1951	5822	2179	1465
61 1989 Regional Report Surplus Deficit	928	-870	1898	2322	1518	-287	-1167	-843	4160	3402	5840	7658	4611	1342
62 1990 Regional Report Surplus Deficit	238	-1444	2015	2380	2359	1107	1280	5128	5799	3029	6071	7463	6537	3420
63 1991 Regional Report Surplus Deficit	3002	1492	2540	2318	4637	2004	3498	4989	5217	4544	3335	7823	6099	4823
64 1992 Regional Report Surplus Deficit	3565	2350	2444	2361	1703	-1477	-984	386	4965	-63.1	232	5187	-415	-1047
65 1993 Regional Report Surplus Deficit	-1074	-2498	1178	1682	1565	-929	-3056	-2048	2927	1670	1979	7811	5326	2212
66 1994 Regional Report Surplus Deficit	1319	-742	2467	2344	1837	-684	-2643	-741	3596	258	1751	6017	3668	1169
67 1995 Regional Report Surplus Deficit	442	-2038	1995	2209	936	-620	274	2978	4291	3750	2587	8319	6626	2848
68 1996 Regional Report Surplus Deficit	1150	-410	3165	3838	5224	4446	4750	6966	8157	6124	7029	8802	6562	5075
69 1997 Regional Report Surplus Deficit	3480	2614	3212	2671	2666	1882	4729	6476	7892	6322	6699	8631	6597	5261
70 1998 Regional Report Surplus Deficit	3704	4077	4952	6304	4227	565	917	3923	4449	1404	3784	8965	6972	3832
71 1999 Regional Report Surplus Deficit	3370	1401	2602	2618	1702	1189	4097	6182	7543	4431	5628	8028	6922	5407
72 2000 Regional Report Surplus Deficit	4226	4360	3930	2997	4815	2542	2205	4242	5169	6031	6419	8507	3891	3283
73 2001 Regional Report Surplus Deficit	2408	-996	2006	2586	1329	-1104	-2092	-235	1650	1.56	612	4583	-3014	-465
74 2002 Regional Report Surplus Deficit	-1091	-3050	873	845	613	-894	-1293	128	2449	2803	5704	7478	6658	4801
75 2003 Regional Report Surplus Deficit	280	-570	2224	2313	1734	-987	-2400	444	5435	2605	3289	7368	6143	956
76 2004 Regional Report Surplus Deficit	29.8	-1727	1776	2537	3035	-611	-565	-467	3711	1659	2372	7175	4369	1391
77 2005 Regional Report Surplus Deficit	-915	-1190	3631	2849	2087	349	559	2570	2693	371	1691	7591	4844	2168
78 2006 Regional Report Surplus Deficit	711	-1530	2113	1948	2070	346	2240	4292	5593	6178	6326	8808	6926	3280
79 2007 Regional Report Surplus Deficit	2095	-1772	1735	2201	2116	438	2093	3383	6372	4771	3484	7969	4026	3409
80 2008 Regional Report Surplus Deficit	911	-1589	1535	1819	2206	-1208	-569	844	3114	2269	639	8294	7046	4121
Ranked Averages														
81 Bottom 10 pct	-923	-2231	1764	2089	1575	-282	78.2	1841	3911	3124	3508	8021	5872	2851
82 Middle 80 pct	1890	300	2687	2879	2388	549	1264	3055	4954	3431	3876	7693	5245	3039
83 Top 10 pct	3923	3920	4898	3590	3484	948	1652	3306	4465	3851	3463	7177	4624	3381

Regional Report Surplus Deficit By Water Year

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	442	-369	2190	2282	1225	-1452	-2195	-509	1128	738	1728	5239	4849	-1879
2 1930 Regional Report Surplus Deficit	-180	-1637	2107	2082	1061	-1546	-3944	-64.5	1013	1724	3101	5250	1048	845
3 1931 Regional Report Surplus Deficit	433	-1879	1384	1983	1290	-1522	-3749	-2061	487	358	-2014	6468	516	1038
4 1932 Regional Report Surplus Deficit	-612	-2823	1170	1852	515	-1536	-3258	-2418	3524	6316	6604	9471	7452	3398
5 1933 Regional Report Surplus Deficit	550	644	2721	2425	1388	-248	2005	4040	4478	3115	3583	7881	7684	4900
6 1934 Regional Report Surplus Deficit	3100	2037	2743	3316	4640	3929	4233	6056	6747	7571	6371	8483	5861	1432
7 1935 Regional Report Surplus Deficit	-220	-1959	998	2027	890	-1616	1893	3564	4495	1399	3804	7537	5698	3421
8 1936 Regional Report Surplus Deficit	2422	-697	1713	2014	1024	-1639	-3498	-479	1547	2317	5957	9634	7220	1435
9 1937 Regional Report Surplus Deficit	323	-1328	1680	1837	1177	-1555	-3665	-1549	588	975	-1218	6458	3782	-862
10 1938 Regional Report Surplus Deficit	623	-1136	1877	2245	652	-242	1413	3325	5309	5443	7072	9047	6680	3340
11 1939 Regional Report Surplus Deficit	49.4	-1558	2409	2412	900	-1481	-189	962	2337	3242	4913	8559	3390	800
12 1940 Regional Report Surplus Deficit	392	-1519	1818	2366	1855	-830	-969	253	6450	3926	4066	8216	3513	194
13 1941 Regional Report Surplus Deficit	-1085	-2796	1417	2060	1149	-1000	-1778	-204	1974	30.7	827	6392	2864	740
14 1942 Regional Report Surplus Deficit	-704	-2069	2394	2062	1843	838	671	458	4243	1995	3559	7211	5779	3987
15 1943 Regional Report Surplus Deficit	1448	70.8	3245	2036	799	-1034	2382	4301	5116	8082	7164	8746	7762	4850
16 1944 Regional Report Surplus Deficit	1225	-497	2191	2337	1399	-1367	-2118	-221	686	566	1411	4141	-578	-1131
17 1945 Regional Report Surplus Deficit	-1498	-3556	689	1969	821	-1605	-3364	-863	897	606	-1598	8175	6368	-959
18 1946 Regional Report Surplus Deficit	406	-2033	1261	2145	1533	-278	824	1703	5572	6203	7093	9314	6323	4292
19 1947 Regional Report Surplus Deficit	2609	1667	2939	2146	2164	3137	3382	5276	5926	5092	4627	9287	6690	3667
20 1948 Regional Report Surplus Deficit	2237	957	2414	5611	3993	1356	3019	4031	4607	4201	6250	9527	7193	4598
21 1949 Regional Report Surplus Deficit	3219	3025	3400	2637	1951	-660	519	843	6236	4898	6885	9604	7043	-704
22 1950 Regional Report Surplus Deficit	-1089	-2219	1327	2274	936	-524	3047	4935	6781	6443	5711	8665	7813	5139
23 1951 Regional Report Surplus Deficit	2867	1775	3010	3781	4518	3342	4220	6603	7175	6970	6239	9055	6839	4524
24 1952 Regional Report Surplus Deficit	2682	691	2720	5083	3281	1400	2754	4651	5057	6719	7373	9651	7087	3498
25 1953 Regional Report Surplus Deficit	1944	683	1387	2029	1072	-1464	-1325	3986	4629	2391	3618	8957	7767	4153
26 1954 Regional Report Surplus Deficit	1558	360	2730	2567	2291	481	2281	5627	5850	4563	4886	8999	7408	4881
27 1955 Regional Report Surplus Deficit	3462	3897	5693	2710	3237	390	-613	1021	1293	1996	2427	7643	7811	5053
28 1956 Regional Report Surplus Deficit	3219	1595	2357	2989	3815	3124	3983	6122	6548	6075	6989	9416	7740	4778
29 1957 Regional Report Surplus Deficit	2957	2362	2877	2958	1927	842	934	561	5509	6450	4600	9830	7627	3032
30 1958 Regional Report Surplus Deficit	1729	-863	2241	2146	1554	-536	1536	3197	4900	3904	6157	9625	7450	2072
31 1959 Regional Report Surplus Deficit	1427	-1038	1895	2300	2841	2549	3768	5743	6059	5710	4321	8779	7464	4794
32 1960 Regional Report Surplus Deficit	3251	1866	6082	6665	4754	2168	1978	3603	4711	8544	5811	8204	7281	3223
33 1961 Regional Report Surplus Deficit	1711	-686	1880	2423	1805	-338	1529	4156	6472	4731	3688	9002	7193	2676
34 1962 Regional Report Surplus Deficit	1610	-744	1924	2040	1621	-949	1155	3384	2297	6775	7071	9090	6448	2547
35 1963 Regional Report Surplus Deficit	1394	245	1781	3158	3286	2084	2060	3636	4230	2323	3328	8837	6813	2954
36 1964 Regional Report Surplus Deficit	1372	-744	2964	2263	1493	-311	-182	1521	2509	5150	2876	8450	7665	4985
37 1965 Regional Report Surplus Deficit	3132	2467	3928	3582	2834	3256	4153	6416	6567	4164	7085	9222	6955	3249
38 1966 Regional Report Surplus Deficit	2848	2364	2036	2902	2166	112	810	2481	3026	6803	4562	7218	6084	3419
39 1967 Regional Report Surplus Deficit	1529	-513	2292	1971	1517	282	3413	5356	5705	3577	690	7937	7435	4792
40 1968 Regional Report Surplus Deficit	2430	1453	2801	2617	2572	159	1950	4918	5472	1511	1981	6745	7046	3918
41 1969 Regional Report Surplus Deficit	2549	2509	4411	3858	4018	1445	3971	5327	5542	6573	6904	9581	7345	3803
42 1970 Regional Report Surplus Deficit	2074	338	2437	2468	2030	-928	1322	3095	4117	2628	2781	8841	7503	1921
43 1971 Regional Report Surplus Deficit	1023	-1078	1995	2110	1580	-224	3926	6200	7246	6072	6243	9352	7779	4772
44 1972 Regional Report Surplus Deficit	3386	3629	3293	3178	2339	624	3655	6360	7637	8216	5280	9392	7316	4901
45 1973 Regional Report Surplus Deficit	3369	3637	3640	2950	2395	81.0	1323	840	2476	451	1241	6267	2691	119
46 1974 Regional Report Surplus Deficit	-205	-2217	1640	2155	1669	1362	4380	6256	7272	6913	6798	8814	7644	5145
47 1975 Regional Report Surplus Deficit	3354	3617	3393	2204	1567	-914	1928	3649	4929	2317	2576	8978	7686	4968
48 1976 Regional Report Surplus Deficit	2913	2623	3596	4218	4349	3989	4016	5770	6395	6994	6205	9457	7414	4821
49 1977 Regional Report Surplus Deficit	3523	4018	7017	3037	1748	-1482	-2058	20.7	1043	190	943	4003	-1725	-1698
50 1978 Regional Report Surplus Deficit	-1644	-3438	348	872	434	910	1139	3302	3643	6166	4785	9346	5955	3486
51 1979 Regional Report Surplus Deficit	776	-914	4131	2996	2017	-1153	-1164	980	4753	2152	3376	9310	5493	-764
52 1980 Regional Report Surplus Deficit	-1190	-1949	1950	1926	1096	-1726	83.7	194	2446	2848	5802	9942	7181	1583
53 1981 Regional Report Surplus Deficit	-615	-2200	2238	2315	1631	2009	3074	4811	4848	556	3104	8590	7523	4245
54 1982 Regional Report Surplus Deficit	3115	2111	2825	2542	2449	-34.6	2527	6453	7534	6551	5075	9011	7795	5083

Regional Report Surplus Deficit By Water Year

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	3179	3354	4469	4051	2738	856	3143	5503	7272	5490	4746	8934	7348	4493
56 1984 Regional Report Surplus Deficit	3236	2983	3461	2788	4686	1329	2590	4983	5879	7061	6640	9181	7843	4486
57 1985 Regional Report Surplus Deficit	2872	318	3486	2915	2766	76.1	740	1981	2651	4419	5827	9216	5852	-2201
58 1986 Regional Report Surplus Deficit	-1430	-2479	2242	2714	3399	215	1853	5261	7650	6956	6585	8403	6734	2413
59 1987 Regional Report Surplus Deficit	790	-1277	1747	2142	1936	287	-234	-203	4502	1162	2562	8043	4849	-44.7
60 1988 Regional Report Surplus Deficit	-709	-2610	1319	1899	654	-1814	-2436	-2058	1173	1083	2468	6554	3234	1065
61 1989 Regional Report Surplus Deficit	419	-1380	1522	2007	1201	-682	-1476	-1112	3786	3986	6364	8340	5532	941
62 1990 Regional Report Surplus Deficit	-270	-1952	1640	2064	2043	675	996	4885	5442	3614	6595	8145	7283	3033
63 1991 Regional Report Surplus Deficit	2490	980	2165	2002	4263	1572	3129	4747	4854	5128	3853	8494	6876	4446
64 1992 Regional Report Surplus Deficit	3053	1839	2069	2045	1389	-1799	-1275	130	4600	497	748	5915	679	-1456
65 1993 Regional Report Surplus Deficit	-1583	-3007	803	1366	1252	-1300	-3501	-2326	2554	2251	2496	8480	6210	1815
66 1994 Regional Report Surplus Deficit	809	-1254	2089	2028	1524	-1075	-3058	-1005	3222	823	2268	6738	4624	766
67 1995 Regional Report Surplus Deficit	-66.4	-2547	1618	1894	600	-1000	-2.97	2735	3917	4334	3105	8992	7368	2456
68 1996 Regional Report Surplus Deficit	642	-920	2786	3526	4882	4071	4376	6719	7776	6701	7557	9432	7300	4698
69 1997 Regional Report Surplus Deficit	2968	2103	2835	2356	2348	1449	4358	6229	7510	6897	7227	9229	7294	4883
70 1998 Regional Report Surplus Deficit	3192	3567	4570	5997	3864	153	640	3683	4076	1982	4303	9567	7681	3447
71 1999 Regional Report Surplus Deficit	2858	889	2226	2302	1386	762	3716	5934	7199	5013	6150	8695	7656	5029
72 2000 Regional Report Surplus Deficit	3722	3851	3551	2681	4444	2113	1902	4002	4802	6609	6944	9154	4865	2895
73 2001 Regional Report Surplus Deficit	1897	-1505	1632	2270	1010	-1463	-2401	-492	1280	566	1128	5340	-1855	-871
74 2002 Regional Report Surplus Deficit	-1599	-3557	501	527	274	-1261	-1600	-129	2077	3389	6227	8160	7371	4422
75 2003 Regional Report Surplus Deficit	-228	-1081	1848	1998	1422	-1356	-2781	190	5070	3189	3808	8051	6930	552
76 2004 Regional Report Surplus Deficit	-479	-2235	1402	2222	2696	-991	-852	-732	3337	2241	2889	7868	5294	989
77 2005 Regional Report Surplus Deficit	-1424	-1699	3251	2534	1772	-74.4	279	2328	2319	942	2208	8268	5744	1772
78 2006 Regional Report Surplus Deficit	202	-2039	1738	1632	1756	-69.2	1933	4051	5234	6754	6851	9425	7644	2891
79 2007 Regional Report Surplus Deficit	1585	-2279	1362	1885	1803	20.3	1782	3143	6017	5352	4003	8636	4979	3023
80 2008 Regional Report Surplus Deficit	402	-2097	1162	1504	1882	-1563	-855	594	2741	2852	1155	8939	7749	3737
Ranked Averages														
81 Bottom 10 pct	-1432	-2738	1389	1773	1248	-671	-258	1588	3546	3700	4027	8680	6672	2459
82 Middle 80 pct	1380	-210	2310	2564	2062	154	930	2804	4591	4008	4396	8356	6072	2649
83 Top 10 pct	3413	3437	4516	3277	3146	539	1338	3060	4096	4423	3983	7853	5471	2993

Regional Report Surplus Deficit By Water Year

Operating Year 2025

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	92.2	-849	1861	1984	915	-1733	-2474	-896	832	-659	738	3756	3345	-2178
2 1930 Regional Report Surplus Deficit	-530	-2110	1777	1785	740	-1823	-4168	-452	717	315	2111	3771	-585	444
3 1931 Regional Report Surplus Deficit	77.8	-2353	1054	1686	965	-1810	-3977	-2399	189	-1030	-2997	5015	-1102	628
4 1932 Regional Report Surplus Deficit	-960	-3282	842	1555	216	-1818	-3495	-2699	3235	4905	5614	8102	6139	2982
5 1933 Regional Report Surplus Deficit	199	166	2391	2128	1071	-554	1692	3602	4193	1703	2592	6450	6394	4543
6 1934 Regional Report Surplus Deficit	2735	1565	2413	3018	4332	3451	3913	5629	6465	6157	5380	7075	4485	1017
7 1935 Regional Report Surplus Deficit	-568	-2427	668	1730	595	-1884	1579	3125	4210	-4.87	2814	6095	4246	3007
8 1936 Regional Report Surplus Deficit	2061	-1174	1384	1715	710	-1921	-3724	-866	1253	907	4967	8246	5883	1027
9 1937 Regional Report Surplus Deficit	-26.3	-1799	1351	1538	853	-1841	-3901	-1917	291	-425	-2204	4998	2225	-1207
10 1938 Regional Report Surplus Deficit	270	-1610	1547	1948	393	-544	1099	2887	5024	4033	6081	7642	5297	2922
11 1939 Regional Report Surplus Deficit	-297	-2024	2079	2115	599	-1751	-493	547	2044	1830	3924	7128	1838	403
12 1940 Regional Report Surplus Deficit	40.2	-1990	1488	2068	1533	-1127	-1265	-137	6168	2514	3076	6779	1967	-188
13 1941 Regional Report Surplus Deficit	-1428	-3253	1087	1763	828	-1289	-2052	-591	1681	-1366	-162	4943	1322	330
14 1942 Regional Report Surplus Deficit	-1052	-2539	2064	1765	1519	524	360	55.5	3956	587	2568	5768	4354	3590
15 1943 Regional Report Surplus Deficit	1090	-409	2916	1738	515	-1315	2069	3863	4832	6670	6173	7329	6478	4492
16 1944 Regional Report Surplus Deficit	869	-976	1861	2038	1080	-1643	-2400	-614	389	-835	422	2697	-2233	-1499
17 1945 Regional Report Surplus Deficit	-1846	-4016	359	1672	507	-1892	-3588	-1225	600	-791	-2582	6746	5010	-1293
18 1946 Regional Report Surplus Deficit	53.7	-2499	930	1847	1212	-580	512	1278	5288	4792	6102	7933	4915	3898
19 1947 Regional Report Surplus Deficit	2247	1192	2609	1847	1839	2837	3072	4841	5643	3679	3637	7893	5322	3255
20 1948 Regional Report Surplus Deficit	1876	478	2084	5299	3718	1041	2707	3592	4322	2788	5260	8189	5908	4224
21 1949 Regional Report Surplus Deficit	2851	2559	3071	2340	1625	-957	207	433	5953	3486	5894	8235	5688	-1049
22 1950 Regional Report Surplus Deficit	-1425	-2660	996	1977	642	-825	2735	4498	6499	5034	4720	7262	6527	4789
23 1951 Regional Report Surplus Deficit	2504	1300	2680	3482	4245	3042	3904	6175	6893	5559	5249	7665	5472	4150
24 1952 Regional Report Surplus Deficit	2320	211	2390	4775	2982	1085	2443	4213	4772	5308	6381	8316	5731	3083
25 1953 Regional Report Surplus Deficit	1583	204	1060	1730	755	-1746	-1610	3548	4343	981	2628	7544	6488	3751
26 1954 Regional Report Surplus Deficit	1200	-120	2400	2270	1969	169	1967	5195	5566	3150	3896	7599	6109	4532
27 1955 Regional Report Surplus Deficit	3089	3419	5373	2413	2944	77.0	-909	603	998	589	1437	6208	6524	4703
28 1956 Regional Report Surplus Deficit	2852	1120	2027	2692	3536	2824	3671	5694	6266	4664	5997	8077	6455	4409
29 1957 Regional Report Surplus Deficit	2593	1892	2547	2661	1602	528	621	160	5225	5039	3610	8522	6353	2612
30 1958 Regional Report Surplus Deficit	1371	-1338	1910	1848	1230	-830	1222	2762	4615	2491	5167	8280	6141	1655
31 1959 Regional Report Surplus Deficit	1070	-1512	1566	2002	2533	2242	3458	5313	5776	4299	3331	7374	6170	4441
32 1960 Regional Report Surplus Deficit	2885	1392	5762	6359	4440	1860	1665	3165	4425	7126	4821	6769	5956	2807
33 1961 Regional Report Surplus Deficit	1352	-1162	1550	2126	1479	-642	1215	3718	6190	3318	2699	7617	5905	2256
34 1962 Regional Report Surplus Deficit	1252	-1223	1594	1741	1296	-1240	841	2946	2004	5365	6079	7687	5050	2126
35 1963 Regional Report Surplus Deficit	1037	-235	1453	2861	2993	1773	1747	3198	3943	914	2338	7406	5443	2534
36 1964 Regional Report Surplus Deficit	1014	-1222	2634	1965	1172	-613	-484	1098	2217	3738	1886	7030	6370	4633
37 1965 Regional Report Surplus Deficit	2766	1998	3600	3282	2527	2958	3828	5981	6284	2752	6093	7861	5623	2830
38 1966 Regional Report Surplus Deficit	2485	1894	1707	2605	1844	-198	499	2048	2735	5393	3572	5770	4674	3006
39 1967 Regional Report Surplus Deficit	1170	-991	1962	1673	1194	-28.0	3102	4924	5422	2165	-299	6504	6143	4432
40 1968 Regional Report Surplus Deficit	2069	977	2471	2320	2256	-150	1636	4481	5188	104	991	5289	5717	3519
41 1969 Regional Report Surplus Deficit	2187	2041	4086	3557	3743	1130	3655	4896	5259	5164	5912	8227	6011	3394
42 1970 Regional Report Surplus Deficit	1714	-142	2106	2171	1705	-1213	1009	2659	3830	1218	1791	7421	6197	1507
43 1971 Regional Report Surplus Deficit	670	-1552	1665	1812	1260	-526	3614	5768	6964	4662	5253	7999	6490	4394
44 1972 Regional Report Surplus Deficit	3021	3162	2963	2881	2014	312	3345	5933	7573	6801	4290	8039	6022	4548
45 1973 Regional Report Surplus Deficit	2999	3168	3311	2653	2073	-224	1010	430	2184	-936	251	4812	1118	-255
46 1974 Regional Report Surplus Deficit	-554	-2682	1310	1858	1349	1047	4048	5822	7251	5503	5807	7450	6363	4798
47 1975 Regional Report Surplus Deficit	2987	3149	3063	1905	1246	-1196	1613	3210	4642	907	1585	7577	6398	4611
48 1976 Regional Report Surplus Deficit	2550	2154	3267	3916	4076	3700	3705	5341	6113	5584	5214	8119	6086	4459
49 1977 Regional Report Surplus Deficit	3170	3533	6694	2740	1423	-1764	-2345	-384	748	-1204	-46.7	2559	-3397	-2056
50 1978 Regional Report Surplus Deficit	-1992	-3901	16.8	570	154	595	826	2864	3354	4756	3795	7956	4535	3072
51 1979 Regional Report Surplus Deficit	423	-1389	3806	2698	1693	-1433	-1458	570	4466	743	2386	7899	4034	-1107
52 1980 Regional Report Surplus Deficit	-1531	-2417	1620	1628	776	-1985	-222	-200	2154	1437	4813	8602	5863	1174
53 1981 Regional Report Surplus Deficit	-962	-2659	1908	2018	1305	1696	2763	4375	4563	-842	2113	7169	6244	3866
54 1982 Regional Report Surplus Deficit	2749	1640	2495	2245	2132	-340	2214	6019	7253	5141	4085	7635	6512	4736

Regional Report Surplus Deficit By Water Year

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	2815	2888	4144	3750	2424	542	2831	5069	6990	4079	3756	7532	6025	4109
56 1984 Regional Report Surplus Deficit	2871	2516	3131	2490	4410	1014	2277	4546	5594	5651	5649	7782	6553	4100
57 1985 Regional Report Surplus Deficit	2510	-161	3157	2618	2447	-231	428	1553	2359	3007	4837	7821	4417	-2501
58 1986 Regional Report Surplus Deficit	-1758	-2919	1912	2416	3103	-96.2	1539	4825	7368	5546	5595	6976	5376	1993
59 1987 Regional Report Surplus Deficit	438	-1749	1418	1843	1610	-22.3	-535	-585	4216	-241	1572	6610	3380	-417
60 1988 Regional Report Surplus Deficit	-1054	-3062	990	1601	337	-2073	-2699	-2394	877	-317	1478	5094	1662	659
61 1989 Regional Report Surplus Deficit	64.9	-1854	1193	1709	885	-980	-1758	-1469	3498	2574	5374	6910	4072	544
62 1990 Regional Report Surplus Deficit	-617	-2413	1310	1766	1720	361	683	4452	5158	2201	5604	6715	5963	2612
63 1991 Regional Report Surplus Deficit	2128	502	1835	1703	3990	1259	2819	4311	4568	3716	2863	7073	5531	4084
64 1992 Regional Report Surplus Deficit	2688	1366	1739	1747	1067	-2060	-1568	-266	4315	-891	-241	4456	-927	-1820
65 1993 Regional Report Surplus Deficit	-1930	-3472	474	1069	929	-1585	-3725	-2651	2262	842	1506	7061	4780	1402
66 1994 Regional Report Surplus Deficit	454	-1730	1759	1731	1199	-1372	-3292	-1377	2932	-576	1277	5284	3136	370
67 1995 Regional Report Surplus Deficit	-418	-3013	1288	1596	310	-1290	-308	2302	3629	2922	2115	7570	6050	2036
68 1996 Regional Report Surplus Deficit	291	-1395	2456	3226	4546	3587	4052	6285	7724	5292	6564	8052	5986	4341
69 1997 Regional Report Surplus Deficit	2604	1632	2505	2058	2026	1135	4030	5794	7323	5486	6234	7885	6013	4532
70 1998 Regional Report Surplus Deficit	2828	3100	4245	5685	3586	-153	332	3245	3788	574	3313	8218	6390	3029
71 1999 Regional Report Surplus Deficit	2495	409	1896	2003	1068	449	3405	5505	6918	3602	5160	7277	6345	4674
72 2000 Regional Report Surplus Deficit	3350	3383	3222	2384	4162	1801	1587	3563	4517	5199	5953	7756	3362	2475
73 2001 Regional Report Surplus Deficit	1538	-1970	1303	1972	696	-1743	-2683	-886	986	-833	138	3865	-3515	-1251
74 2002 Regional Report Surplus Deficit	-1946	-4015	170	224	-11.0	-1545	-1883	-522	1784	1976	5237	6730	6077	4041
75 2003 Regional Report Surplus Deficit	-572	-1553	1519	1700	1096	-1642	-3029	-211	4785	1777	2817	6620	5577	166
76 2004 Regional Report Surplus Deficit	-823	-2695	1073	1925	2395	-1282	-1147	-1100	3048	830	1899	6430	3831	592
77 2005 Regional Report Surplus Deficit	-1762	-2164	2922	2237	1448	-386	-32.8	1893	2028	-461	1218	6842	4302	1356
78 2006 Regional Report Surplus Deficit	-149	-2507	1408	1334	1431	-377	1619	3613	4949	5343	5860	8059	6346	2470
79 2007 Regional Report Surplus Deficit	1228	-2736	1035	1587	1478	-289	1468	2705	5734	3942	3013	7219	3493	2605
80 2008 Regional Report Surplus Deficit	52.3	-2557	831	1207	1566	-1842	-1151	182	2450	1441	165	7544	6463	3323
Ranked Averages														
81 Bottom 10 pct	-1774	-3270	1070	1447	967	-1023	-1142	549	2654	1492	2427	6982	4658	1510
82 Middle 80 pct	1024	-672	1979	2269	1747	-142	706	2469	4389	2700	3482	6985	4767	2332
83 Top 10 pct	3047	2965	4190	2978	2839	235	1030	2633	3835	3017	2992	6438	4067	2616

Regional Report Surplus Deficit By Water Year

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	-299	-1200	1573	1737	560	-2689	-3637	-2033	-227	-1058	-95.5	4092	3415	-3381
2 1930 Regional Report Surplus Deficit	-921	-2463	1492	1537	395	-2783	-5385	-1589	-342	-71.5	1278	4103	-387	-658
3 1931 Regional Report Surplus Deficit	-306	-2706	768	1437	624	-2759	-5190	-3585	-868	-1438	-3837	5321	-919	-465
4 1932 Regional Report Surplus Deficit	-1354	-3639	551	1306	-150	-2774	-4699	-3942	2169	4520	4781	8324	6017	1895
5 1933 Regional Report Surplus Deficit	-190	-187	2106	1879	722	-1486	564	2516	3123	1320	1760	6734	6249	3398
6 1934 Regional Report Surplus Deficit	2350	1210	2128	2770	3974	2692	2791	4532	5391	5775	4548	7336	4427	-70.3
7 1935 Regional Report Surplus Deficit	-962	-2781	380	1481	224	-2853	451	2040	3140	-396	1981	6389	4263	1918
8 1936 Regional Report Surplus Deficit	1681	-1527	1093	1468	359	-2876	-4939	-2004	192	522	4134	8486	5785	-67.8
9 1937 Regional Report Surplus Deficit	-418	-2153	1062	1291	511	-2793	-5107	-3073	-767	-820	-3041	5311	2347	-2365
10 1938 Regional Report Surplus Deficit	-116	-1963	1260	1699	-14.0	-1479	-29.1	1801	3954	3648	5249	7899	5245	1838
11 1939 Regional Report Surplus Deficit	-694	-2379	1794	1867	234	-2719	-1631	-562	982	1447	3090	7412	1955	-703
12 1940 Regional Report Surplus Deficit	-348	-2344	1202	1820	1189	-2067	-2411	-1271	5095	2131	2243	7069	2078	-1308
13 1941 Regional Report Surplus Deficit	-1832	-3610	801	1514	483	-2237	-3219	-1728	619	-1765	-996	5245	1429	-762
14 1942 Regional Report Surplus Deficit	-1446	-2893	1779	1517	1177	-399	-770	-1067	2887	200	1736	6064	4344	2485
15 1943 Regional Report Surplus Deficit	710	-761	2629	1490	133	-2271	940	2777	3761	6287	5341	7599	6327	3347
16 1944 Regional Report Surplus Deficit	486	-1328	1573	1791	733	-2604	-3560	-1745	-669	-1230	-412	2994	-2013	-2633
17 1945 Regional Report Surplus Deficit	-2240	-4372	71.6	1423	156	-2842	-4805	-2387	-458	-1189	-3421	7028	4933	-2462
18 1946 Regional Report Surplus Deficit	-333	-2854	639	1599	867	-1516	-618	179	4217	4407	5270	8167	4889	2790
19 1947 Regional Report Surplus Deficit	1867	839	2324	1601	1498	1900	1940	3751	4571	3296	2804	8140	5255	2164
20 1948 Regional Report Surplus Deficit	1497	126	1799	5065	3327	119	1577	2506	3252	2406	4427	8380	5758	3096
21 1949 Regional Report Surplus Deficit	2461	2202	2785	2092	1285	-1897	-922	-681	4881	3103	5062	8457	5608	-2206
22 1950 Regional Report Surplus Deficit	-1841	-3017	705	1729	270	-1761	1605	3410	5426	4648	3888	7518	6378	3637
23 1951 Regional Report Surplus Deficit	2122	946	2395	3235	3852	2105	2778	5079	5820	5174	4416	7908	5404	3021
24 1952 Regional Report Surplus Deficit	1939	-141	2104	4538	2615	163	1313	3127	3702	4923	5550	8504	5652	1996
25 1953 Regional Report Surplus Deficit	1204	-148	765	1483	406	-2701	-2767	2462	3274	595	1795	7810	6333	2651
26 1954 Regional Report Surplus Deficit	820	-472	2114	2022	1625	-757	839	4103	4495	2768	3063	7852	5974	3378
27 1955 Regional Report Surplus Deficit	2696	3063	5071	2164	2571	-847	-2055	-504	-62.4	201	604	6496	6376	3550
28 1956 Regional Report Surplus Deficit	2463	767	1740	2443	3149	1887	2541	4598	5193	4279	5166	8268	6305	3276
29 1957 Regional Report Surplus Deficit	2210	1537	2262	2412	1261	-395	-508	-963	4154	4654	2777	8682	6192	1530
30 1958 Regional Report Surplus Deficit	991	-1691	1625	1601	888	-1773	94.1	1672	3545	2109	4334	8478	6016	570
31 1959 Regional Report Surplus Deficit	689	-1865	1278	1754	2175	1312	2327	4218	4703	3915	2498	7631	6029	3292
32 1960 Regional Report Surplus Deficit	2497	1038	5461	6119	4088	931	536	2079	3356	6748	3988	7057	5847	1721
33 1961 Regional Report Surplus Deficit	973	-1515	1262	1877	1139	-1575	87.3	2632	5117	2935	1865	7855	5758	1174
34 1962 Regional Report Surplus Deficit	872	-1575	1307	1494	955	-2186	-287	1860	941	4980	5248	7943	5013	1045
35 1963 Regional Report Surplus Deficit	656	-587	1161	2613	2621	847	619	2112	2875	527	1505	7689	5378	1452
36 1964 Regional Report Surplus Deficit	634	-1574	2349	1718	827	-1548	-1624	-3.39	1154	3354	1053	7303	6230	3483
37 1965 Regional Report Surplus Deficit	2380	1642	3312	3036	2169	2019	2712	4892	5212	2368	5262	8075	5520	1747
38 1966 Regional Report Surplus Deficit	2103	1539	1418	2356	1501	-1125	-632	957	1671	5008	2739	6071	4649	1916
39 1967 Regional Report Surplus Deficit	791	-1343	1676	1425	851	-955	1971	3832	4350	1782	-1133	6790	6000	3290
40 1968 Regional Report Surplus Deficit	1689	624	2186	2071	1906	-1078	508	3394	4117	-284	158	5598	5611	2416
41 1969 Regional Report Surplus Deficit	1806	1685	3791	3312	3353	208	2529	3803	4187	4778	5081	8434	5910	2300
42 1970 Regional Report Surplus Deficit	1335	-494	1821	1922	1365	-2165	-120	1571	2762	832	958	7693	6069	419
43 1971 Regional Report Surplus Deficit	285	-1905	1377	1564	915	-1461	2484	4675	5890	4277	4420	8204	6344	3270
44 1972 Regional Report Surplus Deficit	2635	2804	2678	2632	1673	-613	2214	4836	6499	6421	3457	8245	5881	3399
45 1973 Regional Report Surplus Deficit	2608	2810	3025	2404	1730	-1156	-119	-684	1121	-1344	-582	5120	1257	-1383
46 1974 Regional Report Surplus Deficit	-946	-3037	1022	1609	1003	125	2938	4732	6177	5118	4975	7667	6209	3643
47 1975 Regional Report Surplus Deficit	2599	2791	2778	1658	901	-2151	486	2125	3573	522	753	7831	6251	3465
48 1976 Regional Report Surplus Deficit	2168	1798	2981	3672	3683	2752	2574	4246	5040	5199	4382	8309	5979	3319
49 1977 Regional Report Surplus Deficit	2776	3178	6401	2491	1083	-2719	-3500	-1503	-312	-1605	-880	2856	-3160	-3200
50 1978 Regional Report Surplus Deficit	-2386	-4257	-275	327	-232	-327	-302	1778	2288	4370	2962	8199	4520	1984
51 1979 Regional Report Surplus Deficit	37.3	-1741	3512	2450	1351	-2390	-2605	-544	3397	356	1553	8163	4058	-2266
52 1980 Regional Report Surplus Deficit	-1937	-2771	1333	1381	431	-2963	-1358	-1330	1091	1052	3979	8795	5746	80.3
53 1981 Regional Report Surplus Deficit	-1358	-3016	1623	1769	965	772	1632	3287	3493	-1239	1281	7443	6088	2742
54 1982 Regional Report Surplus Deficit	2362	1285	2211	1997	1784	-1272	1085	4929	6179	4756	3252	7864	6360	3581

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120Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	2430	2530	3851	3505	2073	-382	1701	3979	5917	3695	2923	7787	5914	2990
56 1984 Regional Report Surplus Deficit	2486	2160	2846	2242	4020	91.8	1148	3459	4523	5265	4817	8034	6408	2983
57 1985 Regional Report Surplus Deficit	2129	-513	2872	2370	2100	-1161	-702	456	1296	2624	4004	8069	4417	-3703
58 1986 Regional Report Surplus Deficit	-2176	-3277	1625	2168	2734	-1022	411	3736	6294	5161	4762	7256	5299	911
59 1987 Regional Report Surplus Deficit	50.7	-2102	1129	1596	1270	-950	-1676	-1727	3147	-634	739	6896	3414	-1547
60 1988 Regional Report Surplus Deficit	-1453	-3421	701	1353	-12.0	-3051	-3878	-3582	-182	-712	645	5407	1799	-437
61 1989 Regional Report Surplus Deficit	-320	-2207	905	1461	535	-1919	-2918	-2637	2431	2191	4541	7193	4097	-562
62 1990 Regional Report Surplus Deficit	-1013	-2769	1022	1518	1377	-562	-446	3361	4087	1818	4772	6998	5848	1530
63 1991 Regional Report Surplus Deficit	1747	150	1548	1457	3598	335	1688	3223	3498	3332	2030	7346	5442	2943
64 1992 Regional Report Surplus Deficit	2303	1011	1451	1499	724	-3036	-2717	-1394	3245	-1298	-1075	4768	-755	-2958
65 1993 Regional Report Surplus Deficit	-2325	-3828	185	821	587	-2537	-4943	-3851	1199	456	673	7333	4775	313
66 1994 Regional Report Surplus Deficit	70.9	-2082	1474	1483	858	-2313	-4500	-2529	1867	-973	445	5591	3189	-736
67 1995 Regional Report Surplus Deficit	-806	-3368	1002	1348	-65.4	-2237	-1445	1211	2562	2538	1282	7844	5933	954
68 1996 Regional Report Surplus Deficit	-98.6	-1748	2171	2980	4216	2834	2934	5195	6647	4906	5734	8285	5865	3195
69 1997 Regional Report Surplus Deficit	2219	1277	2220	1810	1682	212	2917	4705	6249	5102	5404	8082	5859	3381
70 1998 Regional Report Surplus Deficit	2443	2743	3952	5452	3198	-1084	-801	2159	2721	187	2480	8420	6246	1944
71 1999 Regional Report Surplus Deficit	2114	57.2	1609	1756	720	-475	2274	4410	5844	3218	4327	7547	6221	3527
72 2000 Regional Report Surplus Deficit	2957	3026	2936	2136	3778	875	460	2478	3447	4813	5121	8007	3430	1392
73 2001 Regional Report Surplus Deficit	1159	-2325	1012	1724	345	-2700	-3843	-2017	-74.8	-1229	-695	4193	-3290	-2373
74 2002 Regional Report Surplus Deficit	-2342	-4372	-122	-19.1	-392	-2498	-3042	-1653	722	1593	4404	7013	5936	2920
75 2003 Regional Report Surplus Deficit	-973	-1907	1231	1452	756	-2593	-4223	-1334	3715	1394	1985	6904	5495	-950
76 2004 Regional Report Surplus Deficit	-1224	-3052	782	1676	2030	-2228	-2293	-2256	1982	445	1066	6721	3860	-513
77 2005 Regional Report Surplus Deficit	-2173	-2519	2635	1989	1106	-1312	-1163	804	964	-853	385	7121	4309	270
78 2006 Regional Report Surplus Deficit	-538	-2862	1121	1086	1090	-1306	491	2527	3879	4958	5028	8277	6209	1389
79 2007 Regional Report Surplus Deficit	847	-3093	740	1340	1138	-1217	340	1619	4662	3557	2180	7489	3544	1520
80 2008 Regional Report Surplus Deficit	-339	-2913	540	958	1217	-2801	-2296	-930	1385	1056	-668	7792	6314	2234
Ranked Averages														
81 Bottom 10 pct	-2178	-3552	770	1227	582	-1908	-1700	63.4	2191	1905	2204	7533	5237	957
82 Middle 80 pct	638	-1036	1693	2018	1396	-1083	-512	1280	3245	2213	2573	7209	4637	1147
83 Top 10 pct	2657	2609	3900	2731	2480	-699	-104	1536	2768	2628	2160	6706	4036	1491

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Section 3: Monthly 1-Hour Capacity Operating Year 2017 to 2026

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Exhibit 19
Federal Report Surplus Deficit

Monthly 1-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Loads and Resources - Federal System
Operating Year: 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000 1

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
1 Load Following	4545	4240	4112	4212	4949	5188	5613	5208	4748	4671	4585	4149	4279	4581
2 Preference Customers	4164	4164	3900	4143	4777	5393	5357	5062	4571	4350	4350	3987	3979	4268
3 Federal Agencies	133	133	126	148	179	207	208	196	188	168	168	150	139	144
4 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
5 Federal Diversity	-371	-676	-446	-499	-266	-747	-224	-354	-413	-311	-396	-550	-441	-472
6 Tier 1 Block	2.56	2.56	5.29	10.2	46.2	40.6	57.1	55.9	47.8	3.10	3.10	0	0	11.4
7 Tier 1 Block	2.56	2.56	5.29	10.2	46.2	40.6	57.1	55.9	47.8	3.10	3.10	0	0	11.4
8 Slice	4456	4250	4201	3782	5114	5334	4954	4715	4782	4151	3904	4832	4324	4604
9 Slice Block	1570	1570	1638	1667	2053	2283	2313	2137	1988	1676	1676	1481	1390	1614
10 Slice Output from T1 System	2886	2681	2564	2115	3061	3051	2642	2578	2794	2474	2227	3351	2934	2990
11 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
12 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
13 Contract Deliveries	1595	1595	1426	1405	1681	1674	1673	1672	1549	1568	1568	1427	1448	1460
14 Exports	1569	1569	1400	1379	1368	1361	1360	1359	1383	1402	1402	1401	1422	1434
15 Intra-Regional Transfers (Out)	26.2	26.2	26.2	26.2	313	313	313	313	166	166	166	26.2	26.2	26.2
16 Total Firm Obligations	10692	10181	9838	9503	11884	12330	12391	11745	11221	10487	10154	10502	10144	10750
Net Resources														
17 Hydro Resources	13612	12791	12085	10218	13724	13799	12106	11867	12745	11782	10800	16409	14800	13930
18 Regulated Hydro - Net	13140	12324	11543	9798	13325	13519	11856	11643	12377	11172	10177	15645	13996	13410
19 Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
20 Small Hydro - Net	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
21 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0.01	0.01	1120
22 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
25 Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
26 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Contract Purchases	510	506	622	663	681	674	670	661	684	636	630	514	656	509
28 Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
29 Intra-Regional Transfers (In)	124	124	243	245	242	237	242	234	252	261	261	117	270	122
30 Non-Federal CER	241	241	241	241	240	238	239	239	239	240	240	240	240	240
31 Slice Transmission Loss Return	69.4	64.5	61.6	50.9	73.6	73.4	63.5	62.0	67.2	59.5	53.6	80.6	70.5	71.9
32 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 Reserves & Losses	-2124	-2073	-2025	-1934	-2185	-2213	-2111	-2078	-2115	-2020	-1959	-2254	-2158	-2149
34 Contingency Reserves (Spinning)	-383	-371	-356	-341	-409	-423	-399	-387	-390	-359	-344	-420	-396	-390
35 Contingency Reserves (Non-Spinning)	-383	-371	-356	-341	-409	-423	-399	-387	-390	-359	-344	-420	-396	-390
36 Load Following Reserves	-584	-584	-585	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
37 Generation Imbalance Reserves	-316	-316	-315	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
38 Transmission Losses	-459	-432	-413	-352	-467	-468	-412	-405	-435	-403	-370	-513	-465	-469
39 Total Net Resources	13119	12344	11801	10067	13340	13380	11786	11570	12434	11518	10591	14669	13298	13411
40 Total Surplus/Deficit	2,427	2,163	1,964	564	1,457	1,050	-605	-174	1,213	1,031	437	4,166	3,154	2,661

Loads and Resources - Federal System
Operating Year: 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000 1

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
41 Load Following	4560	4279	4123	4229	4945	5246	5504	5130	4832	4665	4604	4110	4169	4599
42 Preference Customers	4192	4192	3923	4167	4792	5397	5419	5110	4641	4393	4393	4030	4024	4316
43 Federal Agencies	137	137	130	152	181	210	203	194	188	171	171	153	142	147
44 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
45 Federal Diversity	-388	-670	-462	-509	-287	-697	-390	-479	-399	-362	-424	-635	-599	-506
46 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
47 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
48 Slice	4485	4286	4249	3786	5261	5366	5054	4772	5151	4144	3739	5097	4602	4399
49 Slice Block	1608	1608	1678	1661	2045	2274	2303	2128	1979	1670	1670	1476	1385	1607
50 Slice Output from T1 System	2877	2678	2570	2125	3216	3092	2751	2643	3172	2474	2070	3621	3216	2792
51 Direst Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
52 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
53 Contract Deliveries	1597	1597	1438	1412	1547	1539	1537	1537	1484	1505	1505	1435	1454	1476
54 Exports	1571	1571	1412	1386	1374	1366	1363	1363	1388	1409	1409	1409	1427	1449
55 Intra-Regional Transfers (Out)	26.2	26.2	26.2	26.2	173	173	173	173	96.2	96.2	96.2	26.2	26.2	26.2
56 Total Firm Obligations	10747	10266	9927	9531	11893	12284	12245	11587	11609	10411	9945	10736	10317	10578
Net Resources														
57 Hydro Resources	13589	12792	12131	10307	14366	13978	12551	12138	14252	11835	10219	16388	14839	13218
58 Regulated Hydro - Net	13117	12325	11589	9887	13967	13698	12301	11914	13884	11225	9597	15624	14036	12699
59 Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
60 Small Hydro - Net	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
61 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
62 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
65 Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
66 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Contract Purchases	516	511	628	686	691	683	681	671	701	641	632	525	668	510
68 Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
69 Intra-Regional Transfers (In)	131	131	250	268	249	244	249	241	259	268	268	124	277	129
70 Non-Federal CER	240	240	240	241	239	239	240	240	240	238	238	238	238	238
71 Slice Transmission Loss Return	69.2	64.4	61.8	51.1	77.3	74.3	66.1	63.6	76.3	59.5	49.8	87.1	77.3	67.1
72 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73 Reserves & Losses	-2125	-2075	-2030	-1942	-2227	-2227	-2142	-2099	-2213	-2046	-1945	-2275	-2202	-2108
74 Contingency Reserves (Spinning)	-383	-372	-358	-343	-420	-426	-407	-392	-414	-371	-347	-412	-399	-381
75 Contingency Reserves (Non-Spinning)	-383	-372	-358	-343	-420	-426	-407	-392	-414	-371	-347	-412	-399	-381
76 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
77 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
78 Transmission Losses	-458	-432	-414	-356	-488	-474	-427	-414	-485	-404	-351	-551	-505	-446
79 Total Net Resources	13100	12349	11849	10170	13950	13554	12210	11830	13860	11550	10025	15758	14425	12740
80 Total Surplus/Deficit	2,353	2,083	1,922	639	2,057	1,270	-35	243	2,251	1,139	80	5,022	4,108	2,162

Loads and Resources - Federal System
Operating Year: 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000 1

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
81 Load Following	4371	4398	4107	4181	4850	5215	5529	5171	4849	4627	4598	4133	4212	4691
82 Preference Customers	4242	4242	3962	4205	4835	5443	5434	5126	4653	4403	4403	4040	4034	4328
83 Federal Agencies	140	140	132	155	189	214	204	192	188	172	172	154	152	165
84 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
85 Federal Diversity	-630	-603	-519	-599	-432	-778	-381	-451	-394	-411	-440	-622	-576	-444
86 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
87 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
88 Slice	4482	4258	4098	3834	5176	5370	5130	4818	4809	4159	3734	4700	4298	4570
89 Slice Block	1601	1601	1671	1681	2070	2302	2331	2154	2004	1690	1690	1495	1403	1627
90 Slice Output from T1 System	2881	2657	2428	2153	3106	3068	2799	2664	2805	2468	2044	3205	2895	2943
91 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
92 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
93 Contract Deliveries	1597	1597	1443	1412	1547	1539	1537	1537	1434	1421	1421	1351	1351	1375
94 Exports	1571	1571	1417	1386	1374	1366	1363	1363	1338	1324	1324	1324	1324	1348
95 Intra-Regional Transfers (Out)	26.2	26.2	26.2	26.2	173	173	173	173	96.2	96.2	96.2	26.2	26.2	26.2
96 Total Firm Obligations	10555	10358	9765	9531	11713	12258	12347	11675	11233	10303	9850	10278	9953	10739
Net Resources														
97 Hydro Resources	13663	12765	11607	10419	13929	13884	12744	12218	12786	11808	10112	15883	14704	13824
98 Regulated Hydro - Net	13191	12298	11066	9999	13530	13604	12494	11994	12418	11198	9489	15119	13901	13304
99 Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
100 Small Hydro - Net	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
101 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0.01	0.01	1120
102 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
105 Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
106 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 Contract Purchases	521	516	489	533	552	548	546	535	528	469	459	487	479	481
108 Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
109 Intra-Regional Transfers (In)	138	138	117	116	113	108	113	105	94.8	94.8	94.8	94.8	94.8	94.8
110 Non-Federal CER	238	238	238	239	239	240	240	240	240	239	239	239	239	239
111 Slice Transmission Loss Return	69.3	63.9	58.4	51.8	74.7	73.8	67.3	64.1	67.5	59.4	49.1	77.1	69.6	70.8
112 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 Reserves & Losses	-2133	-2077	-1996	-1947	-2198	-2220	-2151	-2101	-2118	-2040	-1935	-2206	-2151	-2147
114 Contingency Reserves (Spinning)	-386	-373	-352	-346	-415	-427	-411	-395	-394	-371	-347	-405	-398	-391
115 Contingency Reserves (Non-Spinning)	-386	-373	-352	-346	-415	-427	-411	-395	-394	-371	-347	-405	-398	-391
116 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
117 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
118 Transmission Losses	-461	-431	-393	-354	-469	-466	-429	-412	-431	-397	-341	-495	-456	-464
119 Total Net Resources	13172	12324	11221	10125	13403	13332	12259	11773	12316	11357	9756	14163	13033	13278
120 Total Surplus/Deficit	2,617	1,966	1,456	594	1,690	1,074	-88	98	1,083	1,054	-93	3,886	3,080	2,539

Loads and Resources - Federal System
Operating Year: 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000 1

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
121 Load Following	4423	4447	4131	4175	4889	5244	5577	5166	4874	4614	4606	4234	4253	4713
122 Preference Customers	4254	4254	3973	4242	4874	5485	5477	5140	4693	4442	4442	4080	4077	4372
123 Federal Agencies	156	156	152	174	200	231	224	213	200	182	182	169	167	172
124 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
125 Federal Diversity	-606	-582	-526	-661	-445	-808	-396	-491	-421	-474	-482	-577	-592	-473
126 Tier 1 Block	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
127 Tier 1 Block	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
128 Slice	4504	4281	4123	3924	5163	5399	5137	4775	4845	4212	3754	4962	4686	4392
129 Slice Block	1621	1621	1691	1669	2055	2285	2314	2065	1990	1678	1678	1484	1393	1615
130 Slice Output from T1 System	2884	2660	2432	2255	3108	3114	2823	2709	2856	2534	2076	3479	3293	2777
131 Direst Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
132 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
133 Contract Deliveries	1488	1488	1351	1351	1358	1358	1358	1358	1351	1351	1351	1351	1351	1375
134 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
135 Intra-Regional Transfers (Out)	26.2	26.2	26.2	26.2	33.2	33.2	33.2	33.2	26.2	26.2	26.2	26.2	26.2	26.2
136 Total Firm Obligations	10519	10320	9721	9554	11551	12136	12224	11447	11212	10274	9808	10640	10383	10584
Net Resources														
137 Hydro Resources	13675	12779	11629	10820	13782	13912	12684	12247	12909	11990	10160	15817	15138	13155
138 Regulated Hydro - Net	13203	12312	11087	10400	13383	13632	12434	12023	12541	11380	9537	15053	14335	12635
139 Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
140 Small Hydro - Net	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
141 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
142 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
145 Renewable Resources	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0	0	0
146 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147 Contract Purchases	479	474	468	436	457	457	450	447	450	393	382	415	411	399
148 Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	76.0
149 Intra-Regional Transfers (In)	94.8	94.8	94.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
150 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
151 Slice Transmission Loss Return	69.3	64.0	58.5	54.2	74.7	74.9	67.9	65.2	68.7	60.9	49.9	83.6	79.2	66.8
152 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153 Reserves & Losses	-2134	-2078	-1999	-1971	-2188	-2221	-2147	-2102	-2125	-2051	-1937	-2240	-2216	-2105
154 Contingency Reserves (Spinning)	-387	-374	-353	-353	-414	-428	-412	-396	-397	-375	-348	-406	-405	-382
155 Contingency Reserves (Non-Spinning)	-387	-374	-353	-353	-414	-428	-412	-396	-397	-375	-348	-406	-405	-382
156 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
157 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
158 Transmission Losses	-460	-430	-392	-364	-461	-464	-424	-410	-432	-401	-340	-529	-506	-440
159 Total Net Resources	13140	12294	11218	10405	13170	13268	12107	11713	12354	11452	9725	15112	14454	12569
160 Total Surplus/Deficit	2,621	1,974	1,497	851	1,619	1,133	-117	265	1,142	1,178	-83	4,472	4,071	1,985

Loads and Resources - Federal System
Operating Year: 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
161 Load Following	4510	4236	4137	4217	4957	5477	5675	5228	4839	4726	4561	4329	4197	4610
162 Preference Customers	4297	4297	4013	4252	4886	5498	5495	5185	4708	4458	4458	4096	4095	4392
163 Federal Agencies	162	162	154	172	202	224	237	227	219	195	195	176	166	174
164 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
165 Federal Diversity	-568	-842	-561	-626	-389	-581	-330	-488	-491	-390	-555	-505	-666	-599
166 Tier 1 Block	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
167 Tier 1 Block	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
168 Slice	4502	4299	4118	3841	5186	5454	5172	4899	4869	4276	3818	4804	4319	4435
169 Slice Block	1609	1609	1679	1703	2097	2332	2362	2182	2030	1713	1713	1515	1421	1648
170 Slice Output from T1 System	2893	2690	2439	2138	3089	3122	2810	2716	2839	2563	2106	3290	2898	2787
171 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
172 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
173 Contract Deliveries	1488	1488	1351	1351	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
174 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
175 Intra-Regional Transfers (Out)	26.2	26.2	26.2	26.2	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
176 Total Firm Obligations	10604	10127	9724	9513	11624	12406	12339	11617	11183	10433	9810	10560	9943	10507
Net Resources														
177 Hydro Resources	13707	12891	11651	10359	13711	13930	12619	12260	12825	12092	10264	16211	14696	13177
178 Regulated Hydro - Net	13235	12423	11109	9939	13312	13650	12369	12036	12457	11482	9641	15447	13893	12657
179 Independent Hydro - Net	469	464	539	416	395	276	245	219	363	606	618	759	799	516
180 Small Hydro - Net	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
181 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
182 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
185 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Contract Purchases	401	396	390	416	439	440	433	430	433	377	366	394	385	307
188 Imports	76.0	76.0	76.0	126	126	126	126	126	126	76.0	76.0	76.0	76.0	1.00
189 Intra-Regional Transfers (In)	16.8	16.8	16.8	0	0	0	0	0	0	0	0	0	0	0
190 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
191 Slice Transmission Loss Return	69.6	64.7	58.7	51.4	74.3	75.1	67.6	65.3	68.3	61.6	50.6	79.1	69.7	67.0
192 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193 Reserves & Losses	-2135	-2085	-1999	-1943	-2185	-2204	-2124	-2084	-2101	-2038	-1925	-2218	-2131	-2084
194 Contingency Reserves (Spinning)	-389	-377	-354	-347	-414	-420	-401	-387	-386	-367	-340	-407	-389	-373
195 Contingency Reserves (Non-Spinning)	-389	-377	-354	-347	-414	-420	-401	-387	-386	-367	-340	-407	-389	-373
196 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
197 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
198 Transmission Losses	-458	-431	-390	-348	-458	-465	-421	-410	-429	-404	-344	-503	-453	-438
199 Total Net Resources	13093	12322	11162	9952	13085	13287	12048	11726	12277	11550	9825	14387	12950	12519
200 Total Surplus/Deficit	2,489	2,195	1,438	439	1,461	880	-291	108	1,094	1,118	15	3,827	3,007	2,012

Loads and Resources - Federal System
Operating Year: 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
201 Load Following	4493	4207	4121	4276	4913	5220	5682	5243	4849	4716	4448	4297	4191	4622
202 Preference Customers	4317	4317	4029	4267	4903	5519	5510	5195	4720	4468	4468	4105	4104	4402
203 Federal Agencies	163	163	156	174	213	235	238	228	220	201	201	185	171	174
204 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
205 Federal Diversity	-606	-892	-596	-585	-462	-870	-338	-485	-493	-417	-685	-556	-687	-596
206 Tier 1 Block	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
207 Tier 1 Block	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
208 Slice	4535	4333	4305	3831	5127	5442	5119	4871	4819	4233	3798	4943	4784	4407
209 Slice Block	1642	1642	1713	1667	2053	2283	2312	2136	1987	1676	1676	1483	1391	1613
210 Slice Output from T1 System	2894	2692	2592	2164	3075	3159	2807	2734	2832	2557	2122	3461	3393	2794
211 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
212 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
213 Contract Deliveries	1471	1471	1334	1334	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
214 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
215 Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
216 Total Firm Obligations	10604	10116	9877	9545	11522	12137	12294	11605	11144	10379	9677	10668	10402	10491
Net Resources														
217 Hydro Resources	13690	12876	12241	10435	13626	14070	12600	12325	12794	12051	10315	15747	15517	13203
218 Regulated Hydro - Net	13218	12409	11699	10028	13244	13812	12373	12122	12441	11451	9702	14990	14723	12696
219 Independent Hydro - Net	469	464	539	403	378	254	223	199	349	596	608	753	789	504
220 Small Hydro - Net	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
221 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
222 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
223 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
224 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
225 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
227 Contract Purchases	310	305	302	292	314	316	307	306	308	301	291	323	322	307
228 Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
229 Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
231 Slice Transmission Loss Return	69.6	64.7	62.3	52.0	73.9	76.0	67.5	65.7	68.1	61.5	51.0	83.2	81.6	67.2
232 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
233 Reserves & Losses	-2113	-2059	-2014	-1925	-2158	-2210	-2121	-2086	-2097	-2026	-1918	-2237	-2220	-2088
234 Contingency Reserves (Spinning)	-379	-365	-353	-339	-403	-422	-402	-389	-387	-363	-338	-407	-402	-375
235 Contingency Reserves (Non-Spinning)	-379	-365	-353	-339	-403	-422	-402	-389	-387	-363	-338	-407	-402	-375
236 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
237 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
238 Transmission Losses	-455	-428	-408	-347	-451	-465	-417	-408	-424	-400	-343	-523	-516	-439
239 Total Net Resources	13007	12241	11649	9922	12903	13297	11907	11665	12125	11446	9808	14954	14739	12542
240 Total Surplus/Deficit	2,403	2,126	1,773	377	1,381	1,160	-387	60	981	1,067	131	4,286	4,337	2,051

Loads and Resources - Federal System
Operating Year: 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
241 Load Following	4438	4115	4123	4240	4906	5418	5715	5276	4869	4747	4550	4306	4184	4627
242 Preference Customers	4329	4329	4038	4273	4912	5530	5523	5208	4730	4476	4476	4113	4111	4412
243 Federal Agencies	166	166	163	189	214	236	239	226	221	202	202	184	172	174
244 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
245 Federal Diversity	-675	-999	-610	-642	-479	-683	-320	-462	-483	-395	-592	-553	-701	-601
246 Tier 1 Block	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
247 Tier 1 Block	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
248 Slice	4504	4265	4272	3869	5173	5501	5180	4924	4855	4228	3877	4866	4347	4687
249 Slice Block	1607	1607	1677	1705	2099	2335	2364	2185	2032	1715	1715	1517	1423	1650
250 Slice Output from T1 System	2896	2657	2595	2164	3074	3166	2815	2739	2823	2513	2162	3349	2924	3037
251 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
252 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
253 Contract Deliveries	1471	1471	1334	1334	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
254 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
255 Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
256 Total Firm Obligations	10518	9955	9846	9547	11562	12395	12388	11692	11201	10405	9857	10599	9957	10777
Net Resources														
257 Hydro Resources	13704	12745	12256	10440	13630	14106	12640	12351	12761	11884	10483	16460	14800	14181
258 Regulated Hydro - Net	13241	12288	11725	10033	13247	13847	12412	12147	12408	11284	9870	15703	14007	13674
259 Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
260 Small Hydro - Net	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
261 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
262 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
263 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
264 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
265 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
266 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
267 Contract Purchases	310	304	302	292	314	316	308	306	308	300	292	321	310	313
268 Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
269 Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
270 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
271 Slice Transmission Loss Return	69.6	63.9	62.4	52.0	73.9	76.1	67.7	65.9	67.9	60.4	52.0	80.5	70.3	73.0
272 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
273 Reserves & Losses	-2116	-2056	-2017	-1928	-2160	-2214	-2126	-2090	-2097	-2018	-1930	-2244	-2139	-2151
274 Contingency Reserves (Spinning)	-380	-366	-355	-340	-404	-424	-404	-391	-387	-361	-341	-418	-393	-390
275 Contingency Reserves (Non-Spinning)	-380	-366	-355	-340	-404	-424	-404	-391	-387	-361	-341	-418	-393	-390
276 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
277 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
278 Transmission Losses	-455	-424	-408	-347	-451	-466	-418	-409	-423	-395	-349	-509	-454	-471
279 Total Net Resources	13018	12113	11661	9924	12904	13328	11942	11687	12092	11287	9965	14536	12972	13463
280 Total Surplus/Deficit	2,500	2,157	1,815	378	1,342	933	-447	-5	891	881	107	3,938	3,014	2,687

Loads and Resources - Federal System
Operating Year: 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
281 Load Following	4466	4124	4138	4240	4908	5313	5549	5085	4708	4675	4450	4336	4191	4592
282 Preference Customers	4338	4338	4045	4288	4930	5550	5541	5196	4744	4489	4489	4125	4123	4426
283 Federal Agencies	167	167	163	187	214	236	240	229	221	202	202	185	172	175
284 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
285 Federal Diversity	-657	-999	-603	-655	-495	-810	-504	-645	-659	-479	-705	-536	-706	-651
286 Tier 1 Block	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
287 Tier 1 Block	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
288 Slice	4537	4328	4311	3821	5196	5421	5113	4758	4787	4195	3771	4963	4659	4411
289 Slice Block	1644	1644	1715	1661	2044	2274	2303	2055	1979	1670	1670	1478	1386	1607
290 Slice Output from T1 System	2893	2684	2597	2160	3152	3147	2810	2703	2809	2525	2101	3485	3273	2804
291 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
292 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
293 Contract Deliveries	1471	1471	1334	1334	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
294 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
295 Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
296 Total Firm Obligations	10579	10027	9901	9498	11585	12209	12154	11331	10971	10301	9651	10726	10277	10466
Net Resources														
297 Hydro Resources	13697	12857	12268	10423	13938	14027	12616	12204	12703	11941	10244	15837	15041	13249
298 Regulated Hydro - Net	13234	12400	11737	10016	13555	13768	12389	12001	12349	11340	9632	15079	14247	12742
299 Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
300 Small Hydro - Net	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
301 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
302 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
303 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
304 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
305 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
306 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
307 Contract Purchases	310	305	302	292	316	316	308	305	308	301	291	324	319	307
308 Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
309 Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
310 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
311 Slice Transmission Loss Return	69.6	64.5	62.4	51.9	75.8	75.7	67.6	65.0	67.5	60.7	50.5	83.8	78.7	67.4
312 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
313 Reserves & Losses	-2117	-2065	-2020	-1928	-2181	-2211	-2126	-2082	-2095	-2032	-1927	-2236	-2194	-2095
314 Contingency Reserves (Spinning)	-381	-369	-356	-341	-410	-424	-405	-389	-387	-368	-343	-405	-397	-377
315 Contingency Reserves (Non-Spinning)	-381	-369	-356	-341	-410	-424	-405	-389	-387	-368	-343	-405	-397	-377
316 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
317 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
318 Transmission Losses	-455	-427	-408	-347	-462	-464	-417	-404	-421	-396	-340	-526	-500	-440
319 Total Net Resources	13009	12216	11671	9907	13193	13252	11918	11547	12035	11329	9728	15044	14286	12582
320 Total Surplus/Deficit	2,430	2,189	1,770	409	1,608	1,043	-236	216	1,064	1,028	77	4,319	4,009	2,116

Loads and Resources - Federal System
Operating Year: 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000 1

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
321 Load Following	4388	4240	4008	4276	4837	5411	5566	5276	4738	4691	4463	4292	4262	4517
322 Preference Customers	4351	4351	4057	4308	4953	5575	5566	5249	4766	4509	4509	4145	4143	4448
323 Federal Agencies	167	167	164	188	215	237	241	231	222	203	203	185	173	175
324 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
325 Federal Diversity	-749	-897	-745	-640	-590	-737	-513	-509	-653	-485	-713	-601	-656	-748
326 Tier 1 Block	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
327 Tier 1 Block	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
328 Slice	4500	4292	4293	3896	5156	5522	5208	4936	4839	4254	3833	4837	4348	4753
329 Slice Block	1601	1601	1670	1713	2108	2345	2375	2194	2040	1722	1722	1524	1430	1657
330 Slice Output from T1 System	2899	2691	2623	2184	3049	3176	2833	2742	2798	2532	2111	3313	2919	3096
331 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
332 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
333 Contract Deliveries	1471	1471	1334	1334	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
334 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
335 Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
336 Total Firm Obligations	10463	10108	9752	9610	11474	12408	12266	11702	11052	10376	9726	10556	10036	10732
Net Resources														
337 Hydro Resources	13717	12880	12371	10525	13533	14152	12716	12366	12669	11974	10290	16310	14785	14420
338 Regulated Hydro - Net	13255	12422	11840	10118	13150	13893	12489	12162	12316	11374	9677	15553	13991	13913
339 Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
340 Small Hydro - Net	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
341 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
342 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
343 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
344 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	0	0	1120
345 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
346 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
347 Contract Purchases	310	305	303	293	313	316	308	306	307	301	291	320	310	314
348 Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
349 Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
351 Slice Transmission Loss Return	69.7	64.7	63.1	52.5	73.3	76.4	68.1	65.9	67.3	60.9	50.8	79.7	70.2	74.4
352 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
353 Reserves & Losses	-2120	-2065	-2028	-1936	-2157	-2220	-2134	-2094	-2094	-2035	-1931	-2228	-2141	-2169
354 Contingency Reserves (Spinning)	-382	-369	-358	-343	-404	-426	-407	-392	-387	-369	-344	-412	-394	-395
355 Contingency Reserves (Non-Spinning)	-382	-369	-358	-343	-404	-426	-407	-392	-387	-369	-344	-412	-394	-395
356 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
357 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
358 Transmission Losses	-456	-428	-412	-350	-448	-468	-420	-409	-420	-397	-342	-504	-453	-479
359 Total Net Resources	13027	12239	11766	10002	12809	13368	12011	11698	12002	11360	9770	14402	12954	13686
360 Total Surplus/Deficit	2,563	2,131	2,015	392	1,335	961	-255	-4	950	984	44	3,846	2,918	2,954

Loads and Resources - Federal System
Operating Year: 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000 1

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Obligations														
361 Load Following	4444	4238	4231	4279	4898	5728	5595	5301	4761	4698	4464	4353	4478	4522
362 Preference Customers	4372	4372	4076	4330	4978	5602	5593	5272	4790	4531	4531	4166	4164	4471
363 Federal Agencies	168	168	164	189	216	238	242	231	223	204	204	186	173	176
364 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
365 Federal Diversity	-715	-921	-542	-660	-555	-448	-512	-507	-654	-501	-735	-562	-462	-767
366 Tier 1 Block	11.7	11.7	24.2	10.1	45.8	40.3	56.7	55.5	47.5	3.08	3.08	0	0	11.3
367 Tier 1 Block	11.7	11.7	24.2	10.1	45.8	40.3	56.7	55.5	47.5	3.08	3.08	0	0	11.3
368 Slice	4550	4372	4292	3816	5190	5415	5107	4825	4781	4191	3766	4961	4657	4407
369 Slice Block	1651	1651	1721	1653	2035	2265	2294	2119	1970	1662	1662	1473	1380	1600
370 Slice Output from T1 System	2899	2721	2571	2163	3155	3150	2813	2706	2812	2528	2104	3488	3276	2807
371 Direct Service Industries	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
372 DSI	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
373 Contract Deliveries	1471	1471	1334	1334	1341	1341	1341	1341	1334	1334	1334	1334	1334	1358
374 Exports	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
375 Intra-Regional Transfers (Out)	9.44	9.44	9.44	9.44	16.4	16.4	16.4	16.4	9.44	9.44	9.44	9.44	9.44	9.44
376 Total Firm Obligations	10570	10185	9974	9533	11568	12618	12193	11615	11016	10319	9661	10741	10561	10392
Net Resources														
377 Hydro Resources	13726	13009	12171	10426	13940	14010	12599	12187	12685	11923	10226	15829	15023	13232
378 Regulated Hydro - Net	13264	12552	11639	10019	13558	13751	12371	11984	12332	11323	9614	15071	14230	12725
379 Independent Hydro - Net	459	454	528	403	378	254	223	199	349	596	608	753	789	504
380 Small Hydro - Net	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
381 Other Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
382 Cogeneration Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
383 Combustion Turbines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
384 Large Thermal Resources	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
385 Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0
386 Small Thermal & Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
387 Contract Purchases	310	305	302	292	316	316	308	305	308	301	291	324	319	308
388 Imports	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
389 Intra-Regional Transfers (In)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
390 Non-Federal CER	239	239	239	239	239	239	239	239	239	239	239	239	239	239
391 Slice Transmission Loss Return	69.7	65.4	61.8	52.0	75.9	75.7	67.6	65.1	67.6	60.8	50.6	83.9	78.8	67.5
392 Augmentation Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
393 Reserves & Losses	-2122	-2078	-2017	-1931	-2183	-2194	-2109	-2065	-2078	-2014	-1909	-2228	-2176	-2078
394 Contingency Reserves (Spinning)	-383	-373	-356	-342	-411	-415	-396	-381	-378	-359	-334	-401	-388	-369
395 Contingency Reserves (Non-Spinning)	-383	-373	-356	-342	-411	-415	-396	-381	-378	-359	-334	-401	-388	-369
396 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
397 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
398 Transmission Losses	-456	-432	-405	-347	-462	-464	-417	-404	-421	-396	-340	-526	-500	-440
399 Total Net Resources	13034	12357	11576	9907	13193	13252	11918	11547	12035	11329	9728	15045	14286	12582
400 Total Surplus/Deficit	2,464	2,172	1,602	374	1,625	634	-275	-68	1,019	1,010	68	4,304	3,725	2,190

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Exhibit 20
Regional Report Surplus Deficit

Monthly 1-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Loads and Resources - Pacific Northwest Region

Operating Year: 2017 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
1 Retail Loads	29989	29684	26728	27284	30811	33292	34287	32009	29456	27731	27646	25752	28728	30873
2 Federal Agency	145	145	138	160	187	215	216	204	196	180	180	162	151	156
3 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
4 Cooperative	2713	2713	2499	2513	2862	3240	3200	3017	2720	2657	2657	2576	2633	2811
5 Municipality	3293	3293	3125	3609	4131	4393	4475	4242	3893	3625	3625	3104	3139	3382
6 Public Utility District	5566	5566	5321	5888	6752	7345	7446	6996	6493	6106	6106	5506	5391	5657
7 Investor-Owned Utility	17301	17301	14835	14469	16161	17786	18176	16875	15439	14286	14286	13666	16528	17973
8 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
9 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
10 Federal Diversity	-371	-676	-446	-499	-266	-747	-224	-354	-413	-311	-396	-550	-441	-472
11 Exports	2092	2092	1922	1560	1512	1502	1500	1500	1527	1546	1554	1493	1944	1956
12 Canada	1445	1445	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1331
13 East Continental Divide	22.2	22.2	17.5	16.9	18.4	19.7	20.4	19.7	19.1	17.6	17.6	16.6	18.7	6.80
14 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Pacific Southwest	625	625	598	236	186	175	173	173	201	221	229	170	619	619
16 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Total Regional Loads	32080	31775	28650	28844	32322	34794	35787	33509	30982	29277	29200	27245	30672	32829
Regional Resources														
18 Hydro Resources	24720	23769	22570	20827	24625	24842	23047	22432	23352	22223	21252	27601	26652	25321
19 Regulated Hydro - Net	22828	21879	20677	19085	22984	23286	21552	21018	21638	20105	19117	25160	24150	23240
20 Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
21 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	464	455
22 Other Resources	16613	16614	16683	16823	16991	17177	17190	17136	16444	15754	14219	13915	14996	16715
23 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
24 Combustion Turbine Resources	6530	6530	6586	6664	6814	6882	6892	6846	6798	6754	5699	5840	6092	6533
25 Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	5798	5798	5132	5712	6986
26 Renewable Resources	299	299	299	299	299	399	399	399	398	399	398	398	399	399
27 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
28 Imports	960	960	845	837	1115	1238	1213	1245	946	767	767	796	1029	1105
29 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
30 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Inland Southwest	739	739	624	565	563	643	587	586	562	533	533	574	808	884
32 Pacific Southwest	75.0	75.0	75.0	125	450	471	471	471	171	87.0	87.0	75.0	75.0	75.0
33 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Reserves & Losses	-4207	-4148	-3984	-3906	-4245	-4354	-4257	-4157	-4089	-3941	-3784	-4133	-4244	-4282
35 Contingency Reserves (Non-Spinning)	-988	-974	-910	-898	-999	-1047	-1028	-987	-953	-912	-875	-949	-1000	-1011
36 Contingency Reserves (Spinning)	-988	-974	-910	-898	-999	-1047	-1028	-987	-953	-912	-875	-949	-1000	-1011
37 Generation Imbalance Reserves	-316	-316	-315	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
38 Load Following Reserves	-584	-584	-585	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
39 Transmission Losses	-1332	-1301	-1263	-1210	-1346	-1361	-1301	-1282	-1282	-1218	-1135	-1336	-1344	-1359
40 Total Regional Resources	38086	37194	36114	34581	38486	38902	37192	36656	36653	34803	32454	38179	38433	38859
41 Total Surplus/Deficit	6005	5419	7464	5736	6164	4108	1405	3147	5671	5526	3254	10934	7761	6030

Loads and Resources - Pacific Northwest Region

Operating Year: 2018 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
42 Retail Loads	30491	30209	27123	27629	31152	33730	34573	32305	29881	28058	27996	26038	29013	31319
43 Federal Agency	149	149	141	164	189	218	211	202	196	183	183	165	154	159
44 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
45 Cooperative	2734	2734	2518	2542	2893	3273	3233	3046	2751	2687	2687	2606	2663	2842
46 Municipality	3360	3360	3170	3633	4156	4418	4531	4296	3948	3680	3680	3151	3185	3429
47 Public Utility District	5634	5634	5387	5961	6809	7402	7535	7079	6589	6177	6177	5578	5469	5738
48 Investor-Owned Utility	17660	17660	15112	14694	16408	18056	18457	17131	15669	14504	14504	13886	16816	18292
49 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
50 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
51 Federal Diversity	-388	-670	-462	-509	-287	-697	-390	-479	-399	-362	-424	-635	-599	-506
52 Exports	2073	2073	1914	1547	1497	1489	1487	1487	1511	1532	1540	1480	1868	1890
53 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
54 East Continental Divide	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80	6.80
55 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56 Pacific Southwest	604	604	583	216	166	158	156	156	180	201	209	149	536	534
57 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Total Regional Loads	32564	32282	29037	29177	32649	35219	36060	33791	31393	29590	29536	27518	30881	33209
Regional Resources														
59 Hydro Resources	24697	23770	22616	20916	25268	25021	23491	22703	24859	22276	20671	27580	26691	24610
60 Regulated Hydro - Net	22804	21880	20724	19174	23626	23465	21997	21289	23145	20158	18536	25139	24189	22529
61 Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
62 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	464	455
63 Other Resources	16713	16714	16783	16923	17091	17177	17190	17136	16444	16942	15407	14519	16116	16715
64 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
65 Combustion Turbine Resources	6530	6530	6586	6664	6814	6882	6892	6846	6798	6754	5699	5840	6092	6533
66 Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6986	6986	5736	6832	6986
67 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
68 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
69 Imports	968	968	849	841	1118	1242	1216	1248	949	770	770	800	1038	1114
70 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
71 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 Inland Southwest	747	747	628	569	566	647	590	589	565	536	536	578	817	893
73 Pacific Southwest	75.0	75.0	75.0	125	450	471	471	471	171	87.0	87.0	75.0	75.0	75.0
74 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Reserves & Losses	-4224	-4167	-4002	-3925	-4299	-4376	-4297	-4185	-4194	-4014	-3818	-4144	-4297	-4252
76 Contingency Reserves (Non-Spinning)	-995	-981	-917	-905	-1014	-1055	-1041	-997	-981	-928	-881	-944	-1007	-1008
77 Contingency Reserves (Spinning)	-995	-981	-917	-905	-1014	-1055	-1041	-997	-981	-928	-881	-944	-1007	-1008
78 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
79 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
80 Transmission Losses	-1335	-1304	-1268	-1216	-1371	-1367	-1315	-1291	-1331	-1258	-1155	-1356	-1383	-1336
81 Total Regional Resources	38154	37285	36247	34754	39178	39063	37600	36901	38058	35974	33031	38755	39548	38187
82 Total Surplus/Deficit	5590	5003	7209	5578	6529	3844	1540	3110	6666	6385	3495	11237	8667	4979

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1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
83 Retail Loads	30719	30746	27442	27889	31386	34054	34947	32673	30206	28311	28282	26336	29404	31793
84 Federal Agency	152	152	144	167	197	222	212	200	196	184	184	166	164	177
85 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
86 Cooperative	2764	2764	2548	2572	2924	3306	3266	3079	2782	2717	2717	2636	2693	2872
87 Municipality	3406	3406	3216	3686	4211	4475	4557	4321	3973	3704	3704	3167	3201	3446
88 Public Utility District	5705	5705	5447	6018	6870	7468	7588	7127	6633	6222	6222	5619	5514	5784
89 Investor-Owned Utility	17979	17979	15351	14902	16632	18300	18708	17368	15889	14707	14707	14084	17083	18592
90 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
91 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
92 Federal Diversity	-630	-603	-519	-599	-432	-778	-381	-451	-394	-411	-440	-622	-576	-444
93 Exports	2011	2011	1857	1517	1491	1483	1481	1481	1455	1442	1450	1390	1759	1783
94 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
95 East Continental Divide	6.80	6.80	6.80	6.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
96 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Pacific Southwest	543	543	526	186	166	158	156	156	130	116	124	64.7	433	433
98 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Total Regional Loads	32729	32757	29300	29407	32877	35537	36428	34154	31661	29753	29732	27726	31163	33575
Regional Resources														
100 Hydro Resources	24771	23743	22093	21028	24831	24927	23685	22784	23396	22250	20569	27078	26557	25214
101 Regulated Hydro - Net	22878	21853	20200	19286	23189	23371	22190	21369	21679	20132	18429	24634	24054	23134
102 Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
103 Small Hydro - Net	384	382	311	227	174	162	157	169	210	325	331	451	464	453
104 Other Resources	16713	16714	16787	16927	17095	17181	17190	17136	16444	15730	14667	13399	15149	16715
105 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2242	2234	2453	2703	2708
106 Combustion Turbine Resources	6530	6530	6590	6668	6818	6886	6892	6846	6798	6754	5699	5840	6092	6533
107 Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6246	6246	4616	5866	6986
108 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
109 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
110 Imports	976	976	853	845	1096	1199	1174	1206	907	762	762	804	1047	1124
111 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
112 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 Inland Southwest	755	755	632	573	569	650	594	593	569	540	540	582	826	903
114 Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	75.0
115 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Reserves & Losses	-4242	-4179	-3981	-3942	-4282	-4380	-4318	-4199	-4111	-3966	-3795	-4083	-4267	-4301
117 Contingency Reserves (Non-Spinning)	-1003	-988	-915	-911	-1013	-1059	-1049	-1003	-965	-925	-884	-941	-1010	-1023
118 Contingency Reserves (Spinning)	-1003	-988	-915	-911	-1013	-1059	-1049	-1003	-965	-925	-884	-941	-1010	-1023
119 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
120 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
121 Transmission Losses	-1337	-1303	-1251	-1219	-1355	-1362	-1320	-1292	-1282	-1217	-1127	-1301	-1346	-1356
122 Total Regional Resources	38217	37254	35753	34858	38741	38926	37730	36927	36637	34776	32203	37198	38486	38752
123 Total Surplus/Deficit	5488	4497	6453	5451	5864	3389	1302	2772	4976	5023	2471	9472	7323	5176

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1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
124 Retail Loads	31147	31171	27765	28152	31716	34409	35316	32973	30509	28567	28559	26687	29772	32175
125 Federal Agency	168	168	164	186	208	239	232	221	208	194	194	181	179	184
126 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
127 Cooperative	2795	2795	2577	2607	2961	3344	3304	3094	2818	2754	2754	2674	2733	2914
128 Municipality	3423	3423	3233	3710	4235	4501	4583	4344	3998	3729	3729	3184	3218	3464
129 Public Utility District	5750	5750	5489	6058	6915	7518	7634	7169	6671	6260	6260	5654	5553	5824
130 Investor-Owned Utility	18275	18275	15573	15108	16857	18555	18962	17608	16108	14915	14915	14285	17356	18896
131 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
132 Direct-Service Industry	459	459	459	459	460	460	460	460	460	460	460	459	459	459
133 Federal Diversity	-606	-582	-526	-661	-445	-808	-396	-491	-421	-474	-482	-577	-592	-473
134 Exports	1896	1896	1759	1450	1442	1442	1442	1442	1442	1442	1450	1390	1759	1783
135 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
136 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
137 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Pacific Southwest	433	433	433	124	116	116	116	116	116	116	124	64.7	433	433
139 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 Total Regional Loads	33043	33067	29524	29602	33157	35850	36758	34415	31951	30008	30009	28077	31531	33957
Regional Resources														
141 Hydro Resources	24783	23754	22110	21426	24682	24955	23625	22813	23516	22431	20612	27009	26991	24547
142 Regulated Hydro - Net	22890	21867	20221	19687	23042	23399	22130	21398	21802	20313	18477	24568	24488	22465
143 Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627
144 Small Hydro - Net	384	380	307	225	173	162	157	169	207	325	327	448	464	455
145 Other Resources	16713	16714	16787	16924	17093	17181	17190	17136	16444	16424	14889	14365	16116	16715
146 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
147 Combustion Turbine Resources	6530	6530	6590	6666	6816	6886	6892	6846	6798	6754	5699	5840	6092	6533
148 Large Thermal Resources	6986	6986	6986	6986	6986	6986	6986	6986	6986	6468	6468	5582	6832	6986
149 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
150 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
151 Imports	984	984	857	848	1099	1202	1177	1209	910	765	765	807	1056	1134
152 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
153 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Inland Southwest	763	763	636	576	572	653	597	596	572	543	543	585	835	913
155 Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	75.0
156 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157 Reserves & Losses	-4255	-4191	-3991	-3976	-4282	-4393	-4325	-4210	-4128	-4023	-3814	-4120	-4338	-4272
158 Contingency Reserves (Non-Spinning)	-1009	-994	-920	-922	-1016	-1065	-1054	-1009	-971	-939	-890	-944	-1022	-1019
159 Contingency Reserves (Spinning)	-1009	-994	-920	-922	-1016	-1065	-1054	-1009	-971	-939	-890	-944	-1022	-1019
160 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
161 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
162 Transmission Losses	-1337	-1303	-1251	-1232	-1350	-1362	-1318	-1292	-1285	-1245	-1135	-1331	-1393	-1334
163 Total Regional Resources	38225	37261	35764	35223	38592	38944	37666	36947	36743	35597	32452	38061	39825	38124
164 Total Surplus/Deficit	5182	4195	6240	5621	5435	3094	908	2532	4792	5589	2443	9984	8294	4166

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1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
165 Retail Loads	31586	31312	28049	28540	32153	35039	35817	33417	30840	29027	28862	27118	30125	32510
166 Federal Agency	173	173	165	184	210	232	245	235	227	207	207	188	178	186
167 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
168 Cooperative	2835	2835	2615	2646	3000	3384	3345	3158	2858	2794	2794	2715	2777	2958
169 Municipality	3441	3441	3250	3735	4261	4527	4609	4373	4023	3753	3753	3200	3234	3481
170 Public Utility District	5790	5790	5525	6093	6956	7563	7682	7219	6717	6307	6307	5697	5599	5873
171 Investor-Owned Utility	18572	18572	15799	15320	17086	18807	19223	17847	16334	15122	15122	14491	17632	19199
172 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
173 Direct-Service Industry	459	459	459	504	505	505	505	505	505	505	505	504	504	504
174 Federal Diversity	-568	-842	-561	-626	-389	-581	-330	-488	-491	-390	-555	-505	-666	-599
175 Exports	1896	1896	1759	1450	1442	1442	1442	1442	1442	1442	1450	1390	1759	1783
176 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
177 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
178 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179 Pacific Southwest	433	433	433	124	116	116	116	116	116	116	124	64.7	433	433
180 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 Total Regional Loads	33482	33208	29807	29990	33595	36480	37259	34859	32282	30468	30311	28508	31884	34293
Regional Resources														
182 Hydro Resources	24815	23868	22136	20968	24612	24973	23479	22745	23352	22454	20636	27323	26469	24568
183 Regulated Hydro - Net	22923	21978	20243	19226	22971	23417	22065	21410	21718	20416	18581	24962	24046	22487
184 Independent Hydro - Net	1509	1508	1582	1514	1467	1394	1258	1166	1427	1712	1728	1913	1959	1627
185 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	464	455
186 Other Resources	16713	16714	16787	16924	17093	16511	15940	15886	15194	15692	14157	13064	13746	15465
187 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
188 Combustion Turbine Resources	6530	6530	6590	6666	6816	6886	6892	6846	6798	6754	5699	5840	6092	6533
189 Large Thermal Resources	6986	6986	6986	6986	6986	6316	5736	5736	5736	5736	5736	4281	4462	5736
190 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
191 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
192 Imports	992	992	861	852	1102	1206	1180	1212	914	769	769	811	1064	1068
193 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
194 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Inland Southwest	771	771	640	580	575	657	600	599	576	547	547	589	843	922
196 Pacific Southwest	75.0	75.0	75.0	125	425	425	425	425	125	75.0	75.0	75.0	75.0	0
197 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 Reserves & Losses	-4268	-4209	-4002	-3958	-4289	-4364	-4251	-4140	-4051	-3975	-3766	-4096	-4202	-4206
199 Contingency Reserves (Non-Spinning)	-1015	-1001	-925	-920	-1021	-1062	-1040	-996	-956	-926	-877	-949	-1002	-1008
200 Contingency Reserves (Spinning)	-1015	-1001	-925	-920	-1021	-1062	-1040	-996	-956	-926	-877	-949	-1002	-1008
201 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
202 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
203 Transmission Losses	-1338	-1307	-1252	-1217	-1347	-1341	-1272	-1249	-1239	-1222	-1112	-1298	-1297	-1291
204 Total Regional Resources	38252	37364	35783	34786	38519	38325	36348	35702	35409	34940	31797	37102	37077	36895
205 Total Surplus/Deficit	4771	4156	5975	4796	4924	1845	-911	843	3127	4472	1485	8594	5192	2603

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1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
206 Retail Loads	32006	31720	28394	28903	32433	35129	36185	33771	31170	29322	29054	27375	30484	32927
207 Federal Agency	175	175	167	186	221	243	246	236	228	213	213	197	183	186
208 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
209 Cooperative	2879	2879	2656	2687	3042	3428	3388	3197	2899	2835	2835	2755	2817	2999
210 Municipality	3458	3458	3266	3759	4286	4553	4635	4398	4048	3777	3777	3216	3251	3498
211 Public Utility District	5838	5838	5570	6134	7002	7613	7733	7261	6756	6349	6349	5734	5643	5919
212 Investor-Owned Utility	18874	18874	16029	15533	17315	19056	19479	18089	16560	15331	15331	14697	17907	19510
213 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
214 Direct-Service Industry	504	504	504	504	505	505	505	505	505	505	505	504	504	504
215 Federal Diversity	-606	-892	-596	-585	-462	-870	-338	-485	-493	-417	-685	-556	-687	-596
216 Exports	1530	1530	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
217 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
218 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
219 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
220 Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
221 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
222 Total Regional Loads	33536	33250	29787	30296	33818	36514	37570	35156	32555	30707	30447	28709	31877	34344
Regional Resources														
223 Hydro Resources	24798	23853	22717	20977	24464	25055	23483	22831	23336	22422	20697	26866	27299	24607
224 Regulated Hydro - Net	22906	21963	20834	19315	22903	23579	22068	21497	21702	20385	18642	24505	24877	22525
225 Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
226 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	464	455
227 Other Resources	15463	15464	15537	15674	15843	15931	15813	15759	15067	14018	12955	14392	14892	15338
228 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2242	2234	2453	2703	2708
229 Combustion Turbine Resources	6530	6530	6590	6666	6816	6886	6892	6846	6798	6754	5699	5840	6092	6533
230 Large Thermal Resources	5736	5736	5736	5736	5736	5736	5609	5609	5609	4534	4534	5609	5609	5609
231 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
232 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
233 Imports	925	925	790	731	980	1085	1059	1091	793	697	697	740	998	1078
234 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
235 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
236 Inland Southwest	779	779	644	584	578	661	604	603	580	550	550	593	852	932
237 Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
238 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
239 Reserves & Losses	-4200	-4138	-3968	-3885	-4207	-4339	-4253	-4147	-4051	-3900	-3726	-4128	-4300	-4216
240 Contingency Reserves (Non-Spinning)	-1003	-988	-921	-907	-1005	-1060	-1045	-1002	-961	-919	-878	-952	-1020	-1014
241 Contingency Reserves (Spinning)	-1003	-988	-921	-907	-1005	-1060	-1045	-1002	-961	-919	-878	-952	-1020	-1014
242 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
243 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
244 Transmission Losses	-1294	-1263	-1227	-1172	-1297	-1320	-1263	-1243	-1229	-1163	-1071	-1325	-1360	-1288
245 Total Regional Resources	36986	36104	35076	33497	37080	37731	36102	35534	35145	33238	30623	37869	38889	36807
246 Total Surplus/Deficit	3450	2854	5289	3201	3262	1217	-1469	378	2590	2530	176	9161	7012	2463

Loads and Resources - Pacific Northwest Region

Operating Year: 2023 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
247 Retail Loads	32348	32024	28715	29219	32799	35725	36626	34187	31558	29702	29504	27727	30895	33386
248 Federal Agency	178	178	175	200	222	244	247	234	229	214	214	196	184	186
249 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
250 Cooperative	2920	2920	2696	2727	3084	3471	3431	3241	2940	2875	2875	2795	2857	3040
251 Municipality	3475	3475	3283	3783	4311	4579	4662	4424	4073	3802	3802	3233	3268	3516
252 Public Utility District	5884	5884	5612	6172	7044	7660	7780	7305	6797	6388	6388	5771	5687	5966
253 Investor-Owned Utility	19178	19178	16259	15744	17542	19304	19738	18326	16786	15539	15539	14908	18185	19823
254 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
255 Direct-Service Industry	504	504	504	549	550	550	550	550	550	550	550	549	549	549
256 Federal Diversity	-675	-999	-610	-642	-479	-683	-320	-462	-483	-395	-592	-553	-701	-601
257 Exports	1530	1530	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
258 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
259 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
260 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
261 Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
262 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
263 Total Regional Loads	33878	33554	30108	30612	34184	37110	38011	35572	32944	31087	30898	29061	32288	34804
Regional Resources														
264 Hydro Resources	24822	23732	22743	20982	24468	25090	23522	22857	23303	22255	20865	27579	26582	25585
265 Regulated Hydro - Net	22929	21842	20859	19320	22906	23614	22108	21522	21669	20217	18810	25218	24160	23504
266 Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
267 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	463	455
268 Other Resources	15336	15337	15356	15495	15663	15748	15757	15703	15012	14657	13177	13091	13565	15284
269 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
270 Combustion Turbine Resources	6530	6530	6536	6613	6763	6830	6836	6790	6742	6699	5699	5813	6039	6479
271 Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	4756	4756	4335	4335	5609
272 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
273 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
274 Imports	934	934	794	735	983	1089	1062	1094	796	701	701	744	1007	1088
275 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
276 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
277 Inland Southwest	788	788	648	588	581	665	607	606	583	554	554	597	861	942
278 Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
279 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
280 Reserves & Losses	-4209	-4141	-3973	-3890	-4212	-4347	-4265	-4158	-4058	-3935	-3754	-4138	-4223	-4288
281 Contingency Reserves (Non-Spinning)	-1009	-993	-926	-912	-1011	-1066	-1052	-1008	-966	-928	-885	-967	-1016	-1035
282 Contingency Reserves (Spinning)	-1009	-993	-926	-912	-1011	-1066	-1052	-1008	-966	-928	-885	-967	-1016	-1035
283 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
284 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
285 Transmission Losses	-1290	-1255	-1222	-1166	-1291	-1315	-1262	-1242	-1226	-1178	-1084	-1304	-1292	-1318
286 Total Regional Resources	36883	35862	34920	33322	36902	37580	36076	35496	35053	33678	30989	37276	36931	37670
287 Total Surplus/Deficit	3005	2307	4812	2710	2718	470	-1936	-76.0	2109	2592	91.4	8215	4644	2866

Loads and Resources - Pacific Northwest Region

Operating Year: 2024 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
288 Retail Loads	32812	32470	29087	29508	33115	35958	36808	34319	31711	29916	29691	28033	31260	33743
289 Federal Agency	178	178	175	199	223	244	248	237	229	214	214	197	184	187
290 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
291 Cooperative	2961	2961	2735	2762	3121	3510	3470	3254	2977	2910	2910	2830	2892	3076
292 Municipality	3494	3494	3300	3808	4337	4606	4687	4446	4098	3826	3826	3249	3284	3533
293 Public Utility District	5921	5921	5647	6203	7080	7699	7821	7342	6831	6420	6420	5802	5723	6005
294 Investor-Owned Utility	19482	19482	16487	15956	17775	19558	19999	18565	17018	15746	15746	15113	18467	20137
295 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
296 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
297 Federal Diversity	-657	-999	-603	-655	-495	-810	-504	-645	-659	-479	-705	-536	-706	-651
298 Exports	1530	1530	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
299 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
300 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
301 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
302 Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
303 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
304 Total Regional Loads	34342	34000	30481	30901	34500	37343	38193	35704	33096	31301	31084	29366	32653	35160
Regional Resources														
305 Hydro Resources	24814	23844	22755	20965	24776	25011	23499	22710	23245	22312	20626	26955	26823	24653
306 Regulated Hydro - Net	22922	21955	20872	19304	23214	23535	22084	21375	21611	20274	18571	24594	24400	22572
307 Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
308 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	463	455
309 Other Resources	15283	15283	15356	15493	15660	15748	15757	15703	15012	15510	14030	14030	14685	15284
310 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
311 Combustion Turbine Resources	6477	6477	6536	6611	6760	6830	6836	6790	6742	6699	5699	5813	6039	6479
312 Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	5609	5609	5274	5455	5609
313 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
314 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
315 Imports	942	942	799	739	986	1093	1065	1098	800	705	705	748	1016	1097
316 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
317 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
318 Inland Southwest	796	796	653	592	584	669	610	610	587	558	558	601	870	951
319 Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
320 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
321 Reserves & Losses	-4220	-4160	-3985	-3898	-4241	-4352	-4275	-4158	-4064	-3985	-3787	-4130	-4287	-4242
322 Contingency Reserves (Non-Spinning)	-1016	-1002	-931	-916	-1020	-1070	-1057	-1011	-970	-939	-891	-957	-1025	-1028
323 Contingency Reserves (Spinning)	-1016	-1002	-931	-916	-1020	-1070	-1057	-1011	-970	-939	-891	-957	-1025	-1028
324 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
325 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
326 Transmission Losses	-1288	-1256	-1222	-1165	-1301	-1312	-1261	-1237	-1224	-1208	-1105	-1315	-1338	-1287
327 Total Regional Resources	36820	35910	34926	33299	37182	37499	36046	35353	34993	34541	31575	37602	38237	36793
328 Total Surplus/Deficit	2478	1911	4446	2398	2682	156	-2147	-351	1897	3240	491	8236	5584	1633

Loads and Resources - Pacific Northwest Region

Operating Year: 2025 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
329 Retail Loads	33120	32972	29259	29810	33332	36370	37145	34808	32016	30191	29963	28238	31664	34035
330 Federal Agency	179	179	176	200	223	245	249	239	230	215	215	197	185	187
331 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
332 Cooperative	2997	2997	2770	2783	3143	3533	3493	3302	2998	2931	2931	2851	2912	3098
333 Municipality	3511	3511	3317	3832	4363	4632	4713	4475	4123	3850	3850	3265	3300	3550
334 Public Utility District	5955	5955	5679	6231	7111	7732	7854	7374	6860	6448	6448	5830	5757	6039
335 Investor-Owned Utility	19795	19795	16717	16170	18008	19815	20262	18808	17240	15953	15953	15319	18751	20454
336 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
337 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
338 Federal Diversity	-749	-897	-745	-640	-590	-737	-513	-509	-653	-485	-713	-601	-656	-748
339 Exports	1530	1530	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
340 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
341 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
342 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
343 Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
344 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
345 Total Regional Loads	34650	34502	30652	31203	34717	37755	38530	36193	33401	31576	31356	29571	33057	35453
Regional Resources														
346 Hydro Resources	24835	23867	22858	21067	24371	25136	23599	22872	23211	22345	20672	27429	26567	25824
347 Regulated Hydro - Net	22943	21977	20974	19405	22809	23660	22184	21537	21577	20308	18617	25068	24145	23743
348 Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
349 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	463	455
350 Other Resources	15283	15283	15356	15493	15660	15748	15757	15703	15012	14298	13290	12910	13719	15284
351 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2242	2234	2453	2703	2708
352 Combustion Turbine Resources	6477	6477	6536	6611	6760	6830	6836	6790	6742	6699	5699	5813	6039	6479
353 Large Thermal Resources	5609	5609	5609	5609	5609	5609	5609	5609	5609	4869	4869	4154	4489	5609
354 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
355 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
356 Imports	950	950	803	742	990	1097	1068	1101	804	708	708	751	1025	1107
357 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
358 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
359 Inland Southwest	804	804	657	595	588	673	613	613	591	561	561	604	879	961
360 Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
361 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
362 Reserves & Losses	-4233	-4169	-4000	-3912	-4225	-4370	-4275	-4163	-4055	-3926	-3758	-4115	-4234	-4312
363 Contingency Reserves (Non-Spinning)	-1022	-1006	-938	-922	-1019	-1077	-1055	-1010	-966	-928	-888	-961	-1019	-1043
364 Contingency Reserves (Spinning)	-1022	-1006	-938	-922	-1019	-1077	-1055	-1010	-966	-928	-888	-961	-1019	-1043
365 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
366 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
367 Transmission Losses	-1289	-1257	-1225	-1168	-1287	-1316	-1265	-1242	-1223	-1169	-1081	-1293	-1297	-1326
368 Total Regional Resources	36835	35931	35017	33389	36797	37610	36148	35513	34972	33425	30913	36975	37076	37904
369 Total Surplus/Deficit	2185	1429	4365	2186	2080	-145	-2382	-680	1571	1849	-443	7403	4019	2451

Loads and Resources - Pacific Northwest Region

Operating Year: 2026 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regional Loads														
370 Retail Loads	33537	33330	29760	30078	33684	36998	37499	35131	32321	30462	30228	28554	32220	34417
371 Federal Agency	180	180	176	200	224	246	250	239	231	216	216	198	185	188
372 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
373 Cooperative	3017	3017	2789	2803	3165	3556	3516	3321	3019	2951	2951	2871	2931	3119
374 Municipality	3528	3528	3333	3856	4388	4657	4739	4500	4147	3874	3874	3281	3317	3568
375 Public Utility District	5989	5989	5707	6256	7139	7762	7883	7402	6886	6473	6473	5854	5790	6073
376 Investor-Owned Utility	20105	20105	16950	16388	18250	20074	20535	19056	17475	16170	16170	15535	19043	20781
377 Marketer	265	265	265	265	265	265	265	265	265	265	265	265	265	265
378 Direct-Service Industry	549	549	549	549	550	550	550	550	550	550	550	549	549	549
379 Federal Diversity	-715	-921	-542	-660	-555	-448	-512	-507	-654	-501	-735	-562	-462	-767
380 Exports	1530	1530	1393	1393	1385	1385	1385	1385	1385	1385	1393	1333	1393	1417
381 Canada	1461	1461	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1324	1348
382 East Continental Divide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
383 Inland Southwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
384 Pacific Southwest	67.8	67.8	67.8	67.8	59.7	59.7	59.7	59.7	59.7	59.7	67.8	8.04	67.8	67.8
385 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
386 Total Regional Loads	35067	34861	31153	31471	35069	38383	38884	36516	33706	31847	31621	29887	33613	35834
Regional Resources														
387 Hydro Resources	24844	23996	22657	20968	24778	24994	23482	22693	23227	22294	20608	26948	26805	24636
388 Regulated Hydro - Net	22951	22107	20774	19306	23217	23518	22067	21358	21593	20256	18553	24587	24383	22555
389 Independent Hydro - Net	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627
390 Small Hydro - Net	384	382	311	227	174	162	157	169	207	325	327	448	463	455
391 Other Resources	15283	15283	15356	15493	15660	15078	14953	14900	14208	14189	12709	13408	13882	14481
392 Cogeneration Resources	2708	2708	2722	2784	2801	2818	2821	2813	2172	2714	2234	2453	2703	2708
393 Combustion Turbine Resources	6477	6477	6536	6611	6760	6830	6836	6790	6742	6699	5699	5813	6039	6479
394 Large Thermal Resources	5609	5609	5609	5609	5609	4939	4805	4805	4805	4287	4287	4652	4652	4805
395 Renewable Resources	399	399	399	399	399	399	399	399	398	399	398	398	399	399
396 Small Thermal & Miscellaneous	90.8	91.1	90.2	90.3	90.6	91.7	92.1	91.8	90.4	90.5	90.2	92.4	90.2	89.5
397 Imports	958	958	808	746	993	1100	1071	1104	808	712	712	755	1035	1117
398 Canada	146	146	146	147	102	124	155	188	213	147	147	147	146	146
399 East of Continental Divide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400 Inland Southwest	812	812	662	599	591	676	616	616	595	565	565	608	889	971
401 Pacific Southwest	0	0	0	0	300	300	300	300	0	0	0	0	0	0
402 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
403 Reserves & Losses	-4230	-4178	-3982	-3900	-4244	-4314	-4225	-4108	-4012	-3915	-3716	-4093	-4240	-4198
404 Contingency Reserves (Non-Spinning)	-1021	-1008	-932	-917	-1022	-1062	-1045	-999	-957	-925	-878	-949	-1014	-1018
405 Contingency Reserves (Spinning)	-1021	-1008	-932	-917	-1022	-1062	-1045	-999	-957	-925	-878	-949	-1014	-1018
406 Generation Imbalance Reserves	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314	-314
407 Load Following Reserves	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586	-586
408 Transmission Losses	-1289	-1261	-1219	-1165	-1301	-1289	-1234	-1210	-1198	-1164	-1060	-1295	-1311	-1261
409 Total Regional Resources	36855	36061	34840	33307	37188	36857	35281	34588	34232	33280	30313	37016	37482	36037
410 Total Surplus/Deficit	1788	1200	3687	1835	2119	-1526	-3603	-1927	525	1433	-1308	7129	3869	202

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

Monthly 1-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-6: BPA Sales to Preference and Legacy Customers
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
1 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
2 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
3 Load Following	4297	4297	4026	4292	4955	5600	5565	5258	4760	4518	4518	4137	4118	4412
4 Cooperative	2572	2572	2365	2373	2721	3099	3059	2876	2579	2511	2511	2431	2490	2667
5 Municipality	801	801	736	762	899	999	995	940	848	771	771	689	712	807
6 Public Utility District	791	791	798	1009	1156	1295	1303	1246	1144	1068	1068	867	777	794
7 Federal Entities	133	133	126	148	179	207	208	196	188	168	168	150	139	144
8 Slice Block	1570	1570	1638	1667	2053	2283	2313	2137	1988	1676	1676	1481	1390	1614
9 Municipality	481	481	602	554	771	842	872	826	795	550	550	365	291	469
10 Public Utility District	1088	1088	1036	1113	1282	1442	1440	1311	1194	1126	1126	1116	1099	1145
11 Slice Output from T1 System	2886	2681	2564	2115	3061	3051	2642	2578	2794	2474	2227	3351	2934	2990
12 Municipality	969	900	861	710	1028	1024	887	866	938	831	748	1125	985	1004
13 Public Utility District	1917	1781	1703	1405	2033	2027	1755	1712	1856	1644	1480	2226	1949	1986
14 Tier 1 Block	2.56	2.56	5.29	10.2	46.2	40.6	57.1	55.9	47.8	3.10	3.10	0	0	11.4
15 Public Utility District	2.56	2.56	5.29	10.2	46.2	40.6	57.1	55.9	47.8	3.10	3.10	0	0	11.4
16 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
17 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
18 Cooperative	2572	2572	2365	2373	2721	3099	3059	2876	2579	2511	2511	2431	2490	2667
19 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
20 Federal Entities	133	133	126	148	179	207	208	196	188	168	168	150	139	144
21 Municipality	2252	2183	2199	2026	2698	2865	2754	2632	2581	2152	2069	2179	1988	2280
22 Public Utility District	3799	3662	3542	3537	4518	4804	4555	4325	4241	3841	3677	4209	3825	3937
23 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
24 Total Power Sales Contracts	9468	9262	8858	8597	10468	11404	10943	10426	10085	9229	8982	9625	9137	9762

Table A-6: BPA Sales to Preference and Legacy Customers
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
25 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
26 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
27 Load Following	4330	4330	4053	4318	4974	5607	5622	5304	4829	4564	4564	4183	4166	4463
28 Cooperative	2588	2588	2378	2372	2721	3102	3061	2874	2579	2510	2510	2430	2487	2666
29 Municipality	804	804	738	767	905	996	1030	974	884	807	807	725	747	843
30 Public Utility District	800	800	807	1027	1166	1300	1328	1262	1177	1075	1075	874	790	807
31 Federal Entities	137	137	130	152	181	210	203	194	188	171	171	153	142	147
32 Slice Block	1608	1608	1678	1661	2045	2274	2303	2128	1979	1670	1670	1476	1385	1607
33 Municipality	490	490	614	548	762	832	862	817	785	544	544	361	288	464
34 Public Utility District	1118	1118	1065	1113	1283	1442	1441	1311	1194	1126	1126	1115	1098	1143
35 Slice Output from T1 System	2877	2678	2570	2125	3216	3092	2751	2643	3172	2474	2070	3621	3216	2792
36 Municipality	966	899	863	714	1080	1038	924	888	1065	831	695	1216	1080	937
37 Public Utility District	1911	1779	1707	1412	2136	2054	1827	1756	2107	1643	1375	2405	2137	1855
38 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
39 Public Utility District	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
40 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
41 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
42 Cooperative	2588	2588	2378	2372	2721	3102	3061	2874	2579	2510	2510	2430	2487	2666
43 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
44 Federal Entities	137	137	130	152	181	210	203	194	188	171	171	153	142	147
45 Municipality	2260	2193	2215	2029	2747	2866	2816	2679	2735	2182	2046	2302	2114	2244
46 Public Utility District	3841	3709	3603	3562	4631	4836	4653	4385	4526	3848	3579	4395	4025	3816
47 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
48 Total Power Sales Contracts	9538	9339	8950	8628	10633	11442	11098	10529	10523	9268	8864	9935	9463	9608

Table A-6: BPA Sales to Preference and Legacy Customers
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
49 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
50 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
51 Load Following	4382	4382	4094	4360	5024	5657	5639	5318	4841	4575	4575	4193	4186	4493
52 Cooperative	2587	2587	2376	2377	2728	3109	3069	2883	2585	2515	2515	2435	2492	2671
53 Municipality	840	840	770	800	939	1032	1035	978	888	811	811	728	750	847
54 Public Utility District	815	815	816	1029	1168	1303	1331	1264	1180	1077	1077	876	792	809
55 Federal Entities	140	140	132	155	189	214	204	192	188	172	172	154	152	165
56 Slice Block	1601	1601	1671	1681	2070	2302	2331	2154	2004	1690	1690	1495	1403	1627
57 Municipality	485	485	607	554	770	841	871	826	794	550	550	365	291	469
58 Public Utility District	1116	1116	1064	1127	1299	1461	1460	1329	1210	1141	1141	1130	1112	1157
59 Slice Output from T1 System	2881	2657	2428	2153	3106	3068	2799	2664	2805	2468	2044	3205	2895	2943
60 Municipality	967	892	815	723	1043	1030	940	894	942	829	686	1076	972	988
61 Public Utility District	1914	1765	1613	1430	2063	2038	1859	1769	1863	1640	1357	2129	1923	1955
62 Tier 1 Block	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
63 Public Utility District	11.7	11.7	24.2	10.2	46.2	40.5	57.0	55.8	47.8	3.10	3.10	0	0	11.4
64 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
65 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
66 Cooperative	2587	2587	2376	2377	2728	3109	3069	2883	2585	2515	2515	2435	2492	2671
67 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
68 Federal Entities	140	140	132	155	189	214	204	192	188	172	172	154	152	165
69 Municipality	2292	2217	2192	2076	2752	2902	2846	2698	2624	2189	2046	2169	2013	2304
70 Public Utility District	3857	3708	3517	3597	4577	4842	4707	4418	4301	3861	3578	4135	3827	3933
71 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
72 Total Power Sales Contracts	9588	9364	8842	8718	10598	11498	11192	10589	10193	9294	8869	9549	9179	9809

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

Operating Year 2020 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
73 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
74 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
75 Load Following	4410	4410	4124	4417	5074	5715	5701	5353	4893	4625	4625	4249	4243	4544
76 Cooperative	2593	2593	2381	2394	2746	3129	3089	2880	2604	2534	2534	2456	2515	2695
77 Municipality	844	844	773	807	947	1040	1044	983	896	818	818	736	758	855
78 Public Utility District	817	817	818	1042	1181	1316	1344	1277	1193	1090	1090	888	804	821
79 Federal Entities	156	156	152	174	200	231	224	213	200	182	182	169	167	172
80 Slice Block	1621	1621	1691	1669	2055	2285	2314	2065	1990	1678	1678	1484	1393	1615
81 Municipality	490	490	613	550	765	835	866	792	789	546	546	362	289	466
82 Public Utility District	1130	1130	1077	1119	1290	1450	1449	1273	1201	1133	1133	1121	1104	1149
83 Slice Output from T1 System	2884	2660	2432	2255	3108	3114	2823	2709	2856	2534	2076	3479	3293	2777
84 Municipality	968	893	817	757	1044	1045	948	910	959	851	697	1168	1106	932
85 Public Utility District	1915	1767	1616	1498	2065	2068	1875	1800	1897	1683	1379	2311	2188	1845
86 Tier 1 Block	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
87 Public Utility District	11.7	11.7	24.2	10.6	47.9	42.0	59.1	55.9	49.6	3.21	3.21	0	0	11.8
88 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
89 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
90 Cooperative	2593	2593	2381	2394	2746	3129	3089	2880	2604	2534	2534	2456	2515	2695
91 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
92 Federal Entities	156	156	152	174	200	231	224	213	200	182	182	169	167	172
93 Municipality	2302	2227	2203	2114	2755	2920	2857	2685	2643	2215	2061	2266	2152	2253
94 Public Utility District	3875	3726	3535	3669	4584	4876	4727	4406	4340	3908	3604	4321	4095	3827
95 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
96 Total Power Sales Contracts	9638	9414	8896	8864	10638	11586	11263	10581	10283	9397	8939	9867	9624	9682

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

Operating Year 2021 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
97 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
98 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
99 Load Following	4459	4459	4167	4424	5087	5723	5733	5412	4927	4652	4652	4271	4261	4566
100 Cooperative	2616	2616	2402	2393	2747	3131	3096	2910	2609	2540	2540	2462	2525	2706
101 Municipality	852	852	781	812	953	1047	1050	993	902	824	824	741	763	861
102 Public Utility District	829	829	830	1046	1186	1321	1349	1282	1197	1094	1094	893	808	825
103 Federal Entities	162	162	154	172	202	224	237	227	219	195	195	176	166	174
104 Slice Block	1609	1609	1679	1703	2097	2332	2362	2182	2030	1713	1713	1515	1421	1648
105 Municipality	487	487	609	561	780	852	883	837	804	557	557	370	295	475
106 Public Utility District	1123	1123	1070	1142	1316	1480	1479	1346	1226	1156	1156	1145	1126	1173
107 Slice Output from T1 System	2893	2690	2439	2138	3089	3122	2810	2716	2839	2563	2106	3290	2898	2787
108 Municipality	971	903	819	718	1037	1048	944	912	953	861	707	1105	973	936
109 Public Utility District	1922	1787	1620	1420	2052	2074	1867	1804	1886	1703	1399	2185	1925	1851
110 Tier 1 Block	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
111 Public Utility District	12.1	12.1	25.1	10.3	46.4	40.8	57.4	56.2	48.1	3.12	3.12	0	0	11.5
112 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
113 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
114 Cooperative	2616	2616	2402	2393	2747	3131	3096	2910	2609	2540	2540	2462	2525	2706
115 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
116 Federal Entities	162	162	154	172	202	224	237	227	219	195	195	176	166	174
117 Municipality	2310	2242	2209	2092	2771	2947	2877	2741	2659	2241	2087	2215	2031	2272
118 Public Utility District	3886	3750	3545	3618	4601	4916	4752	4489	4356	3956	3652	4223	3859	3860
119 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
120 Total Power Sales Contracts	9685	9482	8935	8788	10672	11647	11328	10765	10340	9489	9031	9731	9275	9748

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

Operating Year 2022 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
121 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
122 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
123 Load Following	4480	4480	4184	4441	5116	5753	5748	5423	4940	4669	4669	4290	4276	4576
124 Cooperative	2626	2626	2408	2399	2754	3140	3100	2909	2611	2541	2541	2463	2525	2706
125 Municipality	858	858	786	818	959	1053	1056	999	907	829	829	746	768	867
126 Public Utility District	833	833	834	1050	1191	1326	1354	1287	1202	1098	1098	897	812	829
127 Federal Entities	163	163	156	174	213	235	238	228	220	201	201	185	171	174
128 Slice Block	1642	1642	1713	1667	2053	2283	2312	2136	1987	1676	1676	1483	1391	1613
129 Municipality	497	497	621	550	764	834	865	819	788	545	545	362	289	466
130 Public Utility District	1145	1145	1092	1118	1288	1449	1447	1317	1199	1131	1131	1120	1102	1148
131 Slice Output from T1 System	2894	2692	2592	2164	3075	3159	2807	2734	2832	2557	2122	3461	3393	2794
132 Municipality	972	904	870	727	1032	1061	942	918	951	858	712	1162	1139	938
133 Public Utility District	1922	1788	1722	1437	2042	2098	1865	1816	1881	1698	1409	2299	2254	1856
134 Tier 1 Block	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
135 Public Utility District	11.8	11.8	24.3	10.4	47.2	41.5	58.4	57.1	48.9	3.17	3.17	0	0	11.7
136 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
137 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
138 Cooperative	2626	2626	2408	2399	2754	3140	3100	2909	2611	2541	2541	2463	2525	2706
139 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
140 Federal Entities	163	163	156	174	213	235	238	228	220	201	201	185	171	174
141 Municipality	2326	2258	2278	2094	2755	2948	2863	2736	2646	2232	2086	2270	2196	2271
142 Public Utility District	3912	3778	3672	3616	4569	4914	4724	4478	4332	3931	3642	4316	4168	3844
143 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
144 Total Power Sales Contracts	9739	9537	9138	8796	10643	11666	11292	10749	10303	9462	9028	9890	9755	9730

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

Operating Year 2023 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
145 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
146 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
147 Load Following	4495	4495	4201	4462	5126	5765	5762	5434	4951	4678	4678	4297	4283	4586
148 Cooperative	2627	2627	2408	2397	2753	3140	3101	2912	2611	2540	2540	2461	2522	2705
149 Municipality	864	864	792	822	964	1059	1063	1005	913	834	834	750	773	873
150 Public Utility District	837	837	838	1055	1196	1331	1359	1292	1207	1103	1103	901	816	833
151 Federal Entities	166	166	163	189	214	236	239	226	221	202	202	184	172	174
152 Slice Block	1607	1607	1677	1705	2099	2335	2364	2185	2032	1715	1715	1517	1423	1650
153 Municipality	486	486	608	562	781	853	884	838	805	558	558	371	296	477
154 Public Utility District	1121	1121	1068	1143	1318	1482	1480	1347	1227	1157	1157	1146	1127	1173
155 Slice Output from T1 System	2896	2657	2595	2164	3074	3166	2815	2739	2823	2513	2162	3349	2924	3037
156 Municipality	972	892	871	726	1032	1063	945	920	948	844	726	1124	982	1020
157 Public Utility District	1924	1765	1724	1437	2042	2103	1870	1819	1875	1669	1436	2225	1942	2018
158 Tier 1 Block	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
159 Public Utility District	12.0	12.0	24.8	10.6	48.0	42.2	59.3	58.1	49.7	3.22	3.22	0	0	11.9
160 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
161 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
162 Cooperative	2627	2627	2408	2397	2753	3140	3101	2912	2611	2540	2540	2461	2522	2705
163 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
164 Federal Entities	166	166	163	189	214	236	239	226	221	202	202	184	172	174
165 Municipality	2323	2242	2272	2110	2777	2974	2892	2762	2666	2236	2118	2246	2051	2369
166 Public Utility District	3894	3735	3655	3645	4603	4958	4769	4517	4358	3932	3699	4272	3885	4036
167 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
168 Total Power Sales Contracts	9722	9483	9122	8855	10699	11738	11367	10814	10350	9467	9116	9819	9325	10020

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

Operating Year 2024 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
169 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
170 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
171 Load Following	4504	4504	4209	4475	5144	5786	5781	5425	4966	4691	4691	4310	4295	4601
172 Cooperative	2626	2626	2406	2402	2760	3149	3108	2894	2616	2544	2544	2465	2526	2711
173 Municipality	870	870	797	827	970	1065	1068	1006	917	838	838	754	777	877
174 Public Utility District	842	842	842	1059	1200	1336	1364	1296	1211	1107	1107	906	820	837
175 Federal Entities	167	167	163	187	214	236	240	229	221	202	202	185	172	175
176 Slice Block	1644	1644	1715	1661	2044	2274	2303	2055	1979	1670	1670	1478	1386	1607
177 Municipality	498	498	622	548	761	831	862	788	785	544	544	362	289	465
178 Public Utility District	1146	1146	1092	1113	1283	1443	1442	1267	1194	1126	1126	1116	1097	1142
179 Slice Output from T1 System	2893	2684	2597	2160	3152	3147	2810	2703	2809	2525	2101	3485	3273	2804
180 Municipality	971	901	872	725	1058	1057	943	907	943	848	705	1170	1099	942
181 Public Utility District	1922	1783	1725	1435	2093	2090	1866	1795	1866	1677	1395	2315	2174	1863
182 Tier 1 Block	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
183 Public Utility District	12.2	12.2	25.2	10.3	46.4	40.7	57.3	54.2	48.0	3.11	3.11	0	0	11.5
184 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
185 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
186 Cooperative	2626	2626	2406	2402	2760	3149	3108	2894	2616	2544	2544	2465	2526	2711
187 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
188 Federal Entities	167	167	163	187	214	236	240	229	221	202	202	185	172	175
189 Municipality	2339	2269	2291	2100	2789	2953	2873	2702	2645	2230	2087	2286	2165	2284
190 Public Utility District	3921	3782	3684	3617	4623	4910	4730	4412	4319	3914	3632	4336	4091	3854
191 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
192 Total Power Sales Contracts	9765	9556	9170	8820	10739	11677	11317	10635	10296	9447	9022	9928	9649	9759

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

Operating Year 2025 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
193 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
194 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
195 Load Following	4518	4518	4221	4496	5168	5813	5807	5480	4988	4713	4713	4330	4315	4623
196 Cooperative	2631	2631	2410	2415	2775	3165	3125	2934	2630	2557	2557	2478	2539	2725
197 Municipality	874	874	801	831	974	1070	1073	1014	921	842	842	758	781	882
198 Public Utility District	846	846	846	1063	1204	1340	1369	1301	1215	1111	1111	909	823	840
199 Federal Entities	167	167	164	188	215	237	241	231	222	203	203	185	173	175
200 Slice Block	1601	1601	1670	1713	2108	2345	2375	2194	2040	1722	1722	1524	1430	1657
201 Municipality	486	486	607	565	784	857	888	842	809	561	561	373	299	480
202 Public Utility District	1116	1116	1063	1147	1323	1489	1487	1353	1231	1161	1161	1151	1131	1177
203 Slice Output from T1 System	2899	2691	2623	2184	3049	3176	2833	2742	2798	2532	2111	3313	2919	3096
204 Municipality	973	903	881	733	1024	1066	951	920	940	850	709	1112	980	1039
205 Public Utility District	1925	1787	1742	1451	2025	2110	1882	1821	1859	1682	1402	2201	1939	2056
206 Tier 1 Block	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
207 Public Utility District	11.8	11.8	24.3	10.2	46.2	40.6	57.1	55.9	47.9	3.10	3.10	0	0	11.4
208 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
209 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
210 Cooperative	2631	2631	2410	2415	2775	3165	3125	2934	2630	2557	2557	2478	2539	2725
211 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
212 Federal Entities	167	167	164	188	215	237	241	231	222	203	203	185	173	175
213 Municipality	2333	2263	2288	2129	2782	2993	2912	2776	2670	2253	2111	2244	2060	2401
214 Public Utility District	3899	3761	3676	3670	4599	4979	4794	4530	4353	3957	3677	4260	3892	4086
215 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
216 Total Power Sales Contracts	9742	9534	9162	8916	10723	11804	11438	10869	10371	9527	9106	9823	9359	10122

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

Operating Year 2026 Water Year: 1937

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Pacific Northwest														
217 DSI Obligation	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
218 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
219 Load Following	4540	4540	4241	4519	5194	5840	5835	5503	5013	4735	4735	4353	4337	4647
220 Cooperative	2645	2645	2422	2429	2790	3182	3142	2947	2644	2571	2571	2492	2552	2740
221 Municipality	879	879	805	835	979	1075	1078	1019	926	846	846	762	785	887
222 Public Utility District	849	849	849	1067	1209	1345	1374	1305	1220	1115	1115	913	826	845
223 Federal Entities	168	168	164	189	216	238	242	231	223	204	204	186	173	176
224 Slice Block	1651	1651	1721	1653	2035	2265	2294	2119	1970	1662	1662	1473	1380	1600
225 Municipality	501	501	625	545	756	825	856	811	779	540	540	359	288	462
226 Public Utility District	1150	1150	1096	1109	1280	1440	1438	1308	1190	1122	1122	1113	1093	1138
227 Slice Output from T1 System	2899	2721	2571	2163	3155	3150	2813	2706	2812	2528	2104	3488	3276	2807
228 Municipality	973	914	863	726	1059	1058	944	909	944	849	706	1171	1100	943
229 Public Utility District	1926	1807	1708	1437	2096	2092	1868	1797	1868	1679	1397	2317	2176	1865
230 Tier 1 Block	11.7	11.7	24.2	10.1	45.8	40.3	56.7	55.5	47.5	3.08	3.08	0	0	11.3
231 Public Utility District	11.7	11.7	24.2	10.1	45.8	40.3	56.7	55.5	47.5	3.08	3.08	0	0	11.3
232 USBR Obligation	619	619	532	420	259	336	272	305	402	464	464	562	602	642
233 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
Total Power Sales Contracts														
234 Cooperative	2645	2645	2422	2429	2790	3182	3142	2947	2644	2571	2571	2492	2552	2740
235 Direct Service Industry	93.0	93.0	92.7	93.6	93.5	93.2	93.7	93.2	93.4	93.8	93.8	93.4	92.8	92.9
236 Federal Entities	168	168	164	189	216	238	242	231	223	204	204	186	173	176
237 Municipality	2353	2293	2294	2106	2794	2958	2878	2739	2649	2235	2092	2292	2173	2291
238 Public Utility District	3936	3818	3677	3623	4630	4918	4737	4466	4325	3920	3638	4343	4096	3859
239 USBR	619	619	532	420	259	336	272	305	402	464	464	562	602	642
240 Total Power Sales Contracts	9814	9635	9182	8859	10782	11725	11364	10781	10337	9487	9062	9969	9689	9800

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Exhibit 22
Table A-7: Regional Regulated Hydro

Monthly 1-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-7: Regional: Regulated Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	40.4	40.4	46.6	40.1	24.5	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	43.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
28 Lower Granite	510	504	575	606	622	697	737	832	843	868	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	897	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16028	16223	15965	15562	16767	17420	17828	18089	17457	16751	16670	16994	17575	17063
59 Investor Owned Utilities	4318	4248	3994	4195	4306	4299	4370	4272	4207	4147	4085	4458	4588	4562
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2294	2293	2153	2181	2192	2230	2213	2172	2162	2173	2218	2302	2301	2291
63 Total Regulated Hydro	25715	25778	25099	24849	26126	26886	27223	27163	26419	25685	25610	26510	27728	26892

Table A-7: Regional: Regulated Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	37.2	37.2	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16025	16220	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	4318	4248	3994	4195	4306	4299	4370	4272	4207	4147	4085	4458	4588	4562
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2294	2293	2153	2181	2192	2230	2213	2172	2162	2173	2218	2302	2301	2291
63 Total Regulated Hydro	25712	25775	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	4318	4248	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2294	2293	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	1940	2080	2382	2374	2405	2336	2371	2395	2258	2246	2217
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15562	16768	17420	17828	18089	17457	16591	16670	16994	17575	17062
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24849	26127	26886	27223	27163	26419	25525	25610	26510	27728	26891

Table A-7: Regional: Regulated Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2424	2430	2200	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4230	5013	4863	5121	5140	4792	4052	3857	3921	4240	4521
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015 Continued

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16029	16225	15966	15680	16973	17461	17861	18075	17426	16655	16714	17091	17721	17238
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25717	25779	25101	24967	26332	26928	27257	27150	26388	25589	25653	26606	27874	27067

Table A-7: Regional: Regulated Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	4263	4413	4024	4571	5182	5302	5476	5346	5167	4459	4373	4312	4819	5118
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16022	16186	15985	16021	17142	17900	18216	18281	17801	17062	17230	17481	18300	17835
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	25709	25740	25119	25309	26501	27366	27612	27356	26763	25996	26170	26997	28453	27664

Table A-7: Regional: Regulated Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Regulated Hydro														
1 Albeni Falls Hydroelectric	41.9	41.9	48.4	40.1	25.0	21.4	22.5	22.0	22.0	28.0	33.2	38.9	46.9	42.1
2 Alder Hydroelectric	37.1	30.5	0	0	0	36.9	30.5	4.28	37.0	36.3	41.1	43.1	42.3	0
3 Bonneville	833	888	919	859	870	886	921	912	911	942	935	941	953	890
4 Boundary	676	676	845	845	845	676	717	721	721	845	717	1003	913	676
5 Box Canyon Dam	64.9	65.0	64.5	62.9	63.0	63.9	64.6	64.2	64.2	82.8	81.3	77.4	70.7	70.7
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	221	186	186	206	262	262	262	262	262	262	262	262	262	262
8 Chelan Lake	56.6	55.4	55.4	56.0	16.8	56.3	55.5	16.5	55.3	55.2	54.2	54.7	56.0	56.8
9 Chief Joseph	2416	2391	2219	2058	2285	2424	2408	2392	2306	2435	2439	2354	2392	2393
10 Cushman 1	36.2	30.3	26.7	25.8	25.0	22.0	17.0	15.8	18.4	22.5	25.0	24.2	21.1	20.6
11 Cushman 2	88.0	88.0	0.33	0.99	3.30	88.0	88.0	4.94	3.63	1.98	1.98	88.0	88.0	0.33
12 Diablo	143	172	157	158	172	172	172	172	172	86.6	172	128	172	172
13 Dworshak	448	446	381	262	291	372	434	437	438	442	446	446	448	449
14 Faraday	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	35.2	14.6	-3.91
15 Gorge	156	156	156	156	148	178	183	183	169	156	156	183	183	183
16 Grand Coulee	5067	5127	4508	4571	5182	5302	5476	5346	5167	4459	4373	4312	4819	5118
17 Hells Canyon	236	244	271	247	253	281	305	253	307	304	320	361	306	260
18 Hungry Horse	351	344	287	287	290	313	319	285	236	238	214	230	353	356
19 Ice Harbor	510	497	567	523	533	601	586	620	626	654	630	657	679	561
20 John Day	2241	2181	2239	2154	2198	2194	2295	2327	2223	2196	2184	2363	2378	2359
21 Kerr	179	179	179	178	177	175	173	169	166	164	164	172	178	180
22 La Grande	63.3	63.7	64.0	64.0	64.0	63.3	63.8	64.0	63.3	63.3	63.8	63.3	63.3	64.0
23 Libby	483	465	512	467	556	583	483	500	480	469	502	572	578	572
24 Little Falls	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.4	34.2	33.6	36.0	36.6
25 Little Goose	667	654	777	787	783	882	859	851	843	793	886	845	913	831
26 Long Lake	72.0	72.0	72.2	72.2	72.2	68.6	63.6	63.6	68.6	72.5	72.5	72.5	72.5	72.5
27 Lower Baker	59.2	57.3	0	0	0	63.6	51.2	19.9	-44.9	-44.7	65.0	70.8	71.4	
28 Lower Granite	510	504	575	606	622	697	737	832	843	776	835	853	857	725
29 Lower Monumental	682	746	788	685	744	739	810	861	838	830	915	912	904	801
30 Mayfield	125	125	125	125	125	169	125	125	125	125	125	83.6	138	125
31 McNary	901	881	858	923	982	1015	1036	1039	1069	1066	1070	1079	1090	912
32 Merwin	147	146	140	132	136	128	113	115	115	113	124	124	129	147
33 Monroe Street	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
34 Mossyrock	378	378	378	365	327	252	159	134	157	196	236	0	378	378
35 Nine Mile	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.3	16.5	16.2	17.2	17.6
36 North Fork	28.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	43.8	35.8
37 Noxon Rapids	331	331	341	442	442	441	433	433	441	428	441	534	534	544
38 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
39 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
40 Pelton	123	123	123	123	123	123	123	123	123	123	123	123	106	103
41 Pelton Rereq	10.1	10.1	-4.36	11.3	10.5	9.45	8.70	9.83	10.4	11.6	12.2	11.5	10.2	11.1
42 Post Falls	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.0	13.2	17.2	17.2
43 Priest Rapids	678	678	675	678	678	678	678	678	628	611	678	678	678	678
44 River Mill	16.0	15.6	15.4	17.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.5	13.0	16.0
45 Rock Island	571	578	565	539	526	553	582	590	602	602	602	571	571	577
46 Rocky Reach	1296	1297	1154	1115	1187	1233	1194	1187	1187	1187	1296	1296	1296	1296
47 Ross	448	395	393	345	300	405	358	308	235	213	204	251	356	439
48 Round Butte	300	222	175	175	175	211	300	300	300	242	192	183	267	300
49 Swift 1	263	263	142	263	228	168	140	140	152	158	0.23	233	263	265
50 Swift 2	62.1	62.1	41.3	62.8	69.7	76.1	76.1	76.1	76.1	76.1	0.10	76.1	64.9	59.8
51 The Dalles	1676	1733	1791	1798	1781	1872	1830	1858	1798	1734	1768	1880	1889	1826
52 Thompson Falls	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	83.3	79.5	85.2
53 Upper Baker	103	103	103	102	99.1	88.8	83.0	66.6	0.07	44.7	99.7	98.2	99.4	102
54 Upper Falls	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.38	8.68	8.44	9.15	10.2
55 Wanapum	671	665	661	661	706	668	661	661	661	661	661	673	673	668
56 Wells	775	775	721	775	775	775	775	768	706	710	740	775	775	752
57 Yale	130	131	111	133	129	122	108	94.0	94.0	106	106	0	133	132

Table A-7: Regional: Regulated Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Total Regulated Hydro														
58 Federal Entities	16826	16901	16468	16021	17142	17900	18216	18281	17801	17062	17230	17481	18300	17835
59 Investor Owned Utilities	3859	3789	3568	3737	3847	3841	3912	3817	3789	3727	3647	3999	4129	4117
60 Marketer	806	782	726	709	727	756	782	782	775	752	778	768	790	801
61 Municipality	2269	2232	2262	2202	2134	2182	2030	1848	1818	1861	1858	1987	2474	2176
62 Public Utility District	2753	2752	2580	2640	2650	2689	2672	2627	2580	2593	2656	2761	2760	2737
63 Total Regulated Hydro	26514	26455	25603	25309	26501	27366	27612	27356	26763	25996	26170	26997	28453	27664

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Exhibit 23
Table A-8: Regional Independent Hydro

Monthly 1-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Table A-8: Regional: Independent Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2017 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86 Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87 Municipality	125	126	132	147	144	164	165	176	186	174	174	222	227	178
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627

**Table A-8: Regional: Independent Hydro
Operating Year 2018 Water Year: 1937
2015 White Book Report Date: 6/30/2015**

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

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Operating Year 2018 Water Year: 1937
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59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
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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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2019 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86 Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87 Municipality	125	126	132	147	144	164	165	176	186	174	174	222	227	178
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627

**Table A-8: Regional: Independent Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015**

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2020 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86 Investor Owned Utilities	764	761	773	816	795	820	795	815	820	870	874	848	839	771
87 Municipality	125	126	132	147	144	164	165	176	186	174	174	222	227	178
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1582	1514	1467	1394	1338	1246	1507	1792	1808	1993	2039	1627

Table A-8: Regional: Independent Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	9.28	80.0	80.0	80.0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2021 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	416	395	276	246	219	364	606	618	760	799	517
86 Investor Owned Utilities	764	761	773	816	795	820	715	735	740	790	794	768	759	771
87 Municipality	125	126	132	147	144	164	165	176	186	174	174	222	227	178
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1582	1514	1467	1394	1258	1166	1427	1712	1728	1913	1959	1627

Table A-8: Regional: Independent Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2022 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

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1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	469	464	539	403	378	254	223	199	349	596	609	753	790	504
86 Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87 Municipality	125	126	132	160	160	186	187	196	200	184	184	229	237	191
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627

Table A-8: Regional: Independent Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015

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1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2023 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86 Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87 Municipality	135	135	142	160	160	186	187	196	200	184	184	229	237	191
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627

Table A-8: Regional: Independent Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2024 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86 Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87 Municipality	135	135	142	160	160	186	187	196	200	184	184	229	237	191
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627

Table A-8: Regional: Independent Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2025 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

1Hr-MW	S129-WB-20151029-154000													
	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86 Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87 Municipality	135	135	142	160	160	186	187	196	200	184	184	229	237	191
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627

Table A-8: Regional: Independent Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Independent Hydro														
1 American Falls Hydroelectric	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 Helloaring	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	112	15.6	112	112	112	112	112
32 Hills Creek	32.7	31.1	33.1	34.0	33.7	5.00	3.96	5.35	5.22	30.0	34.0	33.9	29.4	32.1
33 Hood Street	0.10	0.10	0.30	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
34 Idaho Falls - City Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
35 Idaho Falls - Lower Plant #1	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
36 Idaho Falls - Lower Plant #2	1.08	1.08	1.18	1.47	1.83	2.39	2.47	2.30	1.61	1.10	1.10	0.74	1.09	1.39
37 Idaho Falls - Upper Plant	2.89	2.89	3.14	3.91	4.88	6.39	6.59	6.13	4.28	2.92	2.92	1.99	2.92	3.70
38 Island Park	3.19	3.19	1.80	1.45	1.47	1.46	1.71	1.89	1.76	1.79	1.79	3.26	3.92	3.81
39 John Boyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lake Creek (MT)	2.00	2.00	1.38	1.46	2.00	2.02	2.08	2.39	3.03	4.68	4.68	5.30	5.08	3.68
41 Last Chance	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
42 Leaburg	5.70	4.10	3.60	0	0	7.10	4.00	11.7	11.7	-1.56	-4.68	11.7	13.0	10.2
43 Lookout Point	111	110	113	110	116	8.21	7.52	11.6	13.0	124	123	122	131	125
44 Lost Creek	56.0	56.0	56.0	38.3	43.7	51.0	43.7	9.63	13.9	56.0	56.0	54.8	55.9	56.0
45 Lower Malad	12.2	12.2	11.3	8.66	9.19	8.96	9.21	8.97	8.94	8.26	8.42	8.34	8.22	9.63
46 Lower Salmon Falls	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
47 McNary Fishway	9.62	9.62	9.42	9.11	8.34	8.34	8.00	6.63	8.41	9.43	9.43	9.27	9.12	9.31
48 Mill Creek (WA)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
49 Milner Hydro	30.6	30.6	31.8	28.8	25.1	24.8	23.3	26.1	24.2	31.0	31.0	28.4	28.7	30.2
50 Minidoka	20.7	20.7	15.2	4.65	1.73	1.76	2.08	2.16	2.16	9.27	10.3	24.6	22.7	21.5
51 Moyie River	1.10	1.10	0.92	1.33	1.32	0.63	0.47	0.81	1.59	2.71	2.71	4.39	4.34	2.95
52 Newhalem	0.13	0.08	0.16	0.14	0.09	0.60	0.65	0.71	1.06	0.69	0.86	1.01	1.95	0.17
53 North Umpqua	189	189	189	189	189	189	189	189	189	189	189	189	189	189
54 Oneida	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
55 Packwood Lake	7.80	20.7	3.87	3.03	1.63	4.65	2.65	3.24	5.36	9.72	9.72	24.1	44.9	24.8
56 Palisades	118	118	105	41.8	8.65	9.59	9.21	10.8	24.8	49.0	51.7	152	151	127
57 Paris	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
58 Reeder Gulch	0.40	0.15	0.15	0.10	0.11	0.08	0.12	0.13	0.18	0.18	0.21	0.21	0.23	0.23

Table A-8: Regional: Independent Hydro
Operating Year 2026 Water Year: 1937
2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
59 Roque	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
60 Roza	10.6	10.6	2.82	2.30	0.39	2.23	1.94	2.37	8.80	11.4	11.4	10.8	10.9	10.6
61 Shoshone Falls	6.45	6.45	6.70	6.07	5.29	5.21	4.91	5.49	5.10	6.53	6.53	5.98	6.05	6.35
62 Smith Creek (Idaho)	0	0	0.05	1.71	1.20	0.48	0.03	0.68	0.93	11.3	11.3	35.7	27.7	3.85
63 Snoqualmie Falls	13.0	11.9	12.0	10.5	6.85	20.7	9.83	14.3	21.9	23.0	25.1	25.2	15.7	19.9
64 Soda Creek 4	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
65 Soda Creek No 5	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
66 Soda Point	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
67 South Fork Tolt	9.01	9.01	6.45	5.48	5.51	5.56	5.59	5.63	5.62	5.65	5.65	6.63	7.93	9.40
68 Stone Creek	6.50	4.30	-1.16	2.20	0.80	2.50	8.50	3.50	6.30	10.4	10.4	8.30	10.4	7.60
69 Strawberry Creek (WY)	1.35	1.35	1.12	0.96	0.86	0.78	0.70	0.68	0.63	0.80	0.80	1.37	1.58	1.51
70 Swan Falls	12.9	12.9	13.4	12.1	10.6	10.4	9.81	11.0	10.2	13.1	13.1	12.0	12.1	12.7
71 Swift Creek Hydro	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
72 The Dalles North Fishway	4.93	4.93	4.95	5.01	5.02	3.43	3.20	3.11	4.73	4.82	4.82	4.71	4.67	4.85
73 Thousand Springs	7.93	7.93	7.35	5.89	6.10	5.98	6.06	5.95	5.89	5.48	5.54	5.43	5.36	6.31
74 Trail Bridge	1.90	1.90	2.66	3.80	3.80	3.80	3.80	3.60	3.80	3.80	3.80	3.80	2.50	3.80
75 TW Sullivan	10.8	10.2	11.8	11.1	10.7	15.4	14.6	14.3	14.6	15.4	15.4	15.4	15.4	14.9
76 Twin Falls (ID)	27.2	27.2	28.3	25.6	22.3	22.0	20.7	23.1	21.5	27.5	27.5	25.2	25.5	26.8
77 Upper Malad	7.48	7.48	6.93	5.58	5.77	5.66	5.72	5.62	5.56	5.17	5.23	5.13	5.05	5.95
78 Upper Salmon A	9.29	9.29	9.65	8.74	7.61	7.50	7.06	7.90	7.34	9.40	9.40	8.61	8.71	9.14
79 Upper Salmon B	8.51	8.51	8.85	8.01	6.98	6.88	6.48	7.24	6.73	8.62	8.62	7.89	7.98	8.38
80 Wallowa Falls	0.47	0.47	0.51	0.45	0.43	0.47	0.45	0.43	0.49	0.46	0.46	0.60	0.71	0.60
81 Walterville	4.00	3.10	2.90	0	0	5.00	3.10	8.70	9.50	9.50	9.50	9.50	-5.70	7.70
82 Wynoochee Dam	1.17	1.17	2.06	3.62	6.40	7.46	7.98	5.67	3.93	0.84	0.84	0.01	0.01	1.49
83 Yelm	9.36	9.36	8.91	10.3	7.33	4.97	4.51	5.90	6.20	7.59	7.59	6.20	7.28	7.94
Total Independent Hydro														
84 Cooperative	7.41	7.41	5.16	4.74	5.20	5.12	5.35	5.82	6.29	8.14	8.14	10.8	11.5	9.87
85 Federal Entities	459	454	528	403	378	254	223	199	349	596	609	753	790	504
86 Investor Owned Utilities	764	761	764	736	715	740	715	735	740	790	794	768	759	771
87 Municipality	135	135	142	160	160	186	187	196	200	184	184	229	237	191
88 Public Utility District	144	150	132	130	129	129	127	29.8	131	134	134	152	162	151
89 Total Independent Hydro	1509	1508	1572	1434	1387	1314	1258	1166	1427	1712	1728	1913	1959	1627

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

Monthly 1-Hour Capacity
Operating Year 2017 to 2026
Using 1937-Water Conditions

Federal Report Surplus Deficit By Water Year

Operating Year 2017

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	2445	2981	2008	797	1115	987	297	270	1563	375	2224	3426	3649	1860
2 1930 Federal Report Surplus Deficit	2440	2276	2069	990	1326	1038	-719	523	1403	1406	3147	3435	1267	3744
3 1931 Federal Report Surplus Deficit	2818	2225	1613	988	1527	1101	-636	-657	1053	447	-739	4212	1682	3935
4 1932 Federal Report Surplus Deficit	2255	1607	1882	763	677	1017	-402	-1000	3221	4114	4030	4370	5030	4526
5 1933 Federal Report Surplus Deficit	2568	3550	2119	1190	1289	1871	2774	2985	4049	2216	3225	4323	5270	4732
6 1934 Federal Report Surplus Deficit	3467	3886	2030	1860	2975	3993	3686	3485	4476	4117	4037	4203	4450	4001
7 1935 Federal Report Surplus Deficit	2260	1869	1574	1156	819	892	2875	2671	3900	687	3264	4196	4134	4526
8 1936 Federal Report Surplus Deficit	3431	2662	2076	748	1115	1013	-484	266	1736	1491	3942	4382	4939	3843
9 1937 Federal Report Surplus Deficit	2427	2163	1964	564	1457	1050	-605	-174	1213	1031	437	4166	3154	2661
10 1938 Federal Report Surplus Deficit	2583	2263	1923	1025	547	1758	2487	2485	4327	3761	4199	4346	4674	4509
11 1939 Federal Report Surplus Deficit	2244	1977	2060	1209	880	900	1349	857	2308	2664	3810	4364	2798	3635
12 1940 Federal Report Surplus Deficit	2423	2004	1724	1361	1956	1469	786	454	4705	2685	3426	4339	2999	3292
13 1941 Federal Report Surplus Deficit	1870	1528	1689	904	1329	1325	273	240	2141	535	2334	4090	3022	3880
14 1942 Federal Report Surplus Deficit	2182	2027	1894	921	1852	2553	1957	679	3704	1544	3338	4053	4165	4450
15 1943 Federal Report Surplus Deficit	3093	3078	2345	721	679	1145	3151	2965	4149	4417	4202	4285	5262	4665
16 1944 Federal Report Surplus Deficit	2905	2708	2037	773	1345	925	316	407	1130	537	1968	3038	616	3088
17 1945 Federal Report Surplus Deficit	2138	1533	1616	1238	1133	971	-477	-17.6	1261	482	-1030	4400	4719	2386
18 1946 Federal Report Surplus Deficit	2746	1971	2152	799	1453	1747	1965	1393	4404	3993	4161	4359	4543	4551
19 1947 Federal Report Surplus Deficit	3400	3715	2072	655	1931	3724	3587	3325	4422	3474	3629	4356	4652	4532
20 1948 Federal Report Surplus Deficit	3248	3417	2011	3327	2909	2802	3442	2628	3954	2937	3972	4494	5222	4542
21 1949 Federal Report Surplus Deficit	3553	4124	2299	1184	1797	1539	1923	861	4667	3366	4131	4432	4854	2620
22 1950 Federal Report Surplus Deficit	1349	1333	2034	933	840	1603	3457	3311	4469	4210	4005	4380	5277	4936
23 1951 Federal Report Surplus Deficit	3403	3770	2103	2076	3002	3810	3712	3827	4445	4350	4046	4324	4745	4544
24 1952 Federal Report Surplus Deficit	3493	3329	2031	2944	2600	2831	3376	3289	4203	4275	4244	4484	4856	4530
25 1953 Federal Report Surplus Deficit	3235	3295	2034	623	1196	1037	623	2780	3852	1630	3262	4374	5292	4553
26 1954 Federal Report Surplus Deficit	3092	3165	2049	1084	2062	2228	2969	3645	4515	3003	3656	4367	5107	4923
27 1955 Federal Report Surplus Deficit	3812	4221	4000	1254	2654	2246	950	1151	1783	1206	2810	4340	5279	4926
28 1956 Federal Report Surplus Deficit	3491	3710	1970	1499	2869	3757	3751	3801	4294	4103	4217	4470	5256	4575
29 1957 Federal Report Surplus Deficit	3429	3951	2063	1401	1750	2426	2106	736	4423	4065	3609	4569	5143	4499
30 1958 Federal Report Surplus Deficit	3133	2456	1992	846	1520	1499	2438	2369	4007	2626	3938	4437	5052	4198
31 1959 Federal Report Surplus Deficit	2430	2437	1921	947	2457	3480	3672	3515	4540	3746	3596	4159	5082	4683
32 1960 Federal Report Surplus Deficit	3622	3841	4003	3659	2990	3225	2745	2490	4024	4385	4002	4369	4979	4428
33 1961 Federal Report Surplus Deficit	3170	2578	1953	1208	1671	1777	2594	2930	4729	3225	3293	4303	5127	4370
34 1962 Federal Report Surplus Deficit	3126	2881	1817	670	1602	1394	2361	2351	2293	4169	4187	4348	4570	4376
35 1963 Federal Report Surplus Deficit	2933	3146	2064	1641	2646	3256	2930	2567	3641	1442	3010	4382	4714	4389
36 1964 Federal Report Surplus Deficit	3008	2571	2140	809	1417	1743	1285	1405	2418	3435	2953	4356	5284	4768
37 1965 Federal Report Surplus Deficit	3488	3939	2580	2076	2443	3838	3739	3841	4179	2845	4027	4335	4790	4484
38 1966 Federal Report Surplus Deficit	3403	3878	1775	1451	1958	1989	2006	1984	2702	4198	3548	4193	4393	4512
39 1967 Federal Report Surplus Deficit	3137	2710	1920	664	1465	2112	3618	3487	4239	2263	1636	4224	5098	4594
40 1968 Federal Report Surplus Deficit	3392	3676	2043	1142	2261	1993	2701	3173	4213	999	2451	4000	4787	4516
41 1969 Federal Report Surplus Deficit	3421	3885	2999	2152	2895	2863	3701	3399	4197	4229	4072	4467	5018	4529
42 1970 Federal Report Surplus Deficit	3256	3179	2061	1043	1890	1245	2285	2249	3476	1705	2868	4302	5089	4106
43 1971 Federal Report Surplus Deficit	2789	2392	1884	712	1398	1727	3759	3648	4649	4094	4014	4437	5266	4572
44 1972 Federal Report Surplus Deficit	3611	4254	2202	1547	1940	2308	3745	3839	4391	4405	3889	4461	5201	4750
45 1973 Federal Report Surplus Deficit	3595	4143	2367	1386	2032	1921	2283	884	2401	300	2174	4077	2418	3215
46 1974 Federal Report Surplus Deficit	2400	1754	1617	958	1398	2815	3750	3618	4253	4164	4164	4385	5258	5153
47 1975 Federal Report Surplus Deficit	3525	4168	2366	624	1424	1210	2812	2546	4019	1611	2899	4351	5180	4655
48 1976 Federal Report Surplus Deficit	3428	3939	2369	2371	2992	4031	3744	3562	4455	4247	4060	4456	4964	4614
49 1977 Federal Report Surplus Deficit	3939	4276	4169	1536	1599	871	407	650	1484	370	2202	3009	142	2843
50 1978 Federal Report Surplus Deficit	2118	1671	1741	35.6	616	2611	2087	2334	3177	4169	3525	4142	4228	4530
51 1979 Federal Report Surplus Deficit	2665	2415	2963	1657	1951	1115	859	997	3908	1516	3179	4368	4064	2651
52 1980 Federal Report Surplus Deficit	1794	2009	1989	633	1317	733	1546	460	2286	2105	3790	4508	4832	3958
53 1981 Federal Report Surplus Deficit	2081	1522	1879	1100	1647	3198	3392	3195	4010	391	2917	4348	5093	4439
54 1982 Federal Report Surplus Deficit	3620	3964	2117	1069	2212	1898	3141	3832	4488	4176	3879	4318	5212	4871

Federal Report Surplus Deficit By Water Year

Operating Year 2017

2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3583	4227	3052	2247	2312	2456	3461	3638	4614	3594	3705	4297	5012	4550
56 1984 Federal Report Surplus Deficit	3478	4022	2291	1216	3060	2771	3103	3345	4507	4323	4094	4366	5227	4542
57 1985 Federal Report Surplus Deficit	3491	3111	2298	1281	2225	1954	1891	1651	2498	2887	3916	4359	4315	1521
58 1986 Federal Report Surplus Deficit	1100	1320	1966	1208	2633	2174	2732	3531	4804	4254	4057	4269	4727	4337
59 1987 Federal Report Surplus Deficit	2668	2298	1789	632	1721	2084	1175	200	3681	1121	3097	4340	3821	3140
60 1988 Federal Report Surplus Deficit	1998	1338	1880	789	1065	720	31.0	-682	1540	667	2713	3969	2774	3881
61 1989 Federal Report Surplus Deficit	2750	2299	1962	832	1253	1596	489	-358	3281	2657	4018	4306	4079	3686
62 1990 Federal Report Surplus Deficit	2064	1750	1982	899	1950	2490	2088	3403	4372	2495	4030	4292	5051	4469
63 1991 Federal Report Surplus Deficit	3483	3557	1975	560	2951	3051	3527	3114	4113	3460	3404	4357	4795	4518
64 1992 Federal Report Surplus Deficit	3562	3838	1966	758	1438	737	683	488	3961	308	2308	4137	1850	2987
65 1993 Federal Report Surplus Deficit	2199	1721	1603	956	1444	1228	-578	-873	2565	1755	2641	4355	4375	4093
66 1994 Federal Report Surplus Deficit	2899	2636	2199	925	1709	1429	-412	-72.7	1273	962	3020	4253	3981	3652
67 1995 Federal Report Surplus Deficit	2625	1829	1692	885	705	1352	1443	2127	4201	1987	2785	4326	4943	4337
68 1996 Federal Report Surplus Deficit	2570	2481	2248	2138	3014	3992	3739	3834	4477	4217	4206	4394	4979	4570
69 1997 Federal Report Surplus Deficit	3542	3920	2088	947	2115	2861	3802	3651	4364	4195	4208	4399	5214	4698
70 1998 Federal Report Surplus Deficit	3577	4242	3015	3463	2879	1963	1777	2609	3381	1398	3613	4436	5136	4519
71 1999 Federal Report Surplus Deficit	3567	3415	2020	755	1338	2368	3701	3683	4483	3532	4053	4389	5178	4772
72 2000 Federal Report Surplus Deficit	3843	4318	2336	1204	3026	3270	2690	2763	4029	4104	4076	4368	3741	4448
73 2001 Federal Report Surplus Deficit	3235	1934	1949	961	1135	999	271	389	1737	729	2373	3868	-61.9	3371
74 2002 Federal Report Surplus Deficit	2196	1534	1806	-158	655	1216	373	298	2242	2262	3978	4321	5105	4595
75 2003 Federal Report Surplus Deficit	2109	2425	2022	930	1645	1217	-208	656	4106	2296	3359	4236	4838	3579
76 2004 Federal Report Surplus Deficit	2082	1760	1863	1135	2428	1384	931	-108	2954	1733	2985	4259	3913	3742
77 2005 Federal Report Surplus Deficit	1506	1836	2299	1523	1954	2227	1799	2004	2433	759	2608	4137	4174	4224
78 2006 Federal Report Surplus Deficit	2687	2149	2048	682	1850	1989	2759	2856	4225	4189	4168	4328	5112	4530
79 2007 Federal Report Surplus Deficit	3126	1649	2046	663	1651	2059	2770	2415	4568	3905	3428	4356	3838	4557
80 2008 Federal Report Surplus Deficit	2492	1738	1927	926	2159	1065	967	953	2571	1850	1812	4295	5284	4618
Ranked Averages														
81 Bottom 10 pct	1720	1580	1965	999	1592	1809	1915	1933	3257	1927	3307	4249	4369	4265
82 Middle 80 pct	2936	2805	2043	1147	1776	1978	1974	1927	3526	2682	3301	4273	4412	4116
83 Top 10 pct	3703	4156	3031	1738	2346	2274	2428	2406	3402	2818	3342	4155	3998	4254

Federal Report Surplus Deficit By Water Year

Operating Year 2018

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	2373	2836	1979	862	1653	1222	919	692	2543	785	2369	4436	4715	1332
2 1930 Federal Report Surplus Deficit	2367	2185	2041	1043	1914	1281	-196	945	2413	1869	3478	4446	2336	3342
3 1931 Federal Report Surplus Deficit	2766	2129	1585	1032	2130	1315	-87.4	-237	2086	616	-1095	5143	2661	3569
4 1932 Federal Report Surplus Deficit	2175	1585	1834	817	1159	1248	170	-574	3909	4463	4509	5570	6062	4387
5 1933 Federal Report Surplus Deficit	2499	3396	2089	1231	1860	2040	3109	3729	4310	2615	3561	5449	6301	4760
6 1934 Federal Report Surplus Deficit	3409	3746	2010	1903	3483	4091	4064	4471	4470	4430	4519	5434	5439	3667
7 1935 Federal Report Surplus Deficit	2180	1802	1536	1190	1276	1158	3149	3341	4343	1255	3605	5330	5140	4402
8 1936 Federal Report Surplus Deficit	3390	2544	2027	813	1674	1245	55.7	688	2692	1933	4397	5597	5945	3465
9 1937 Federal Report Surplus Deficit	2353	2083	1922	639	2057	1270	-34.6	243	2251	1139	80.4	5022	4108	2162
10 1938 Federal Report Surplus Deficit	2521	2165	1890	1076	854	1936	2859	3102	4480	4087	4652	5579	5665	4347
11 1939 Federal Report Surplus Deficit	2160	1921	2032	1250	1370	1164	1872	1482	3164	2696	4211	5538	3852	3218
12 1940 Federal Report Surplus Deficit	2358	1921	1695	1386	2527	1660	1362	877	4895	3101	3790	5490	4017	2883
13 1941 Federal Report Surplus Deficit	1775	1511	1659	952	1919	1538	899	662	3021	647	2197	5073	3972	3511
14 1942 Federal Report Surplus Deficit	2113	1951	1864	945	2440	2693	2419	1109	4213	1878	3598	5163	5140	4422
15 1943 Federal Report Surplus Deficit	3051	2931	2278	787	1079	1380	3394	3753	4465	4776	4670	5505	6283	4715
16 1944 Federal Report Surplus Deficit	2856	2576	1999	842	1924	1173	935	831	2175	935	2108	3951	1704	2627
17 1945 Federal Report Surplus Deficit	2062	1507	1582	1275	1692	1191	58.2	400	2302	892	-846	5587	5720	1866
18 1946 Federal Report Surplus Deficit	2684	1918	2073	865	2044	1925	2420	1965	4531	4324	4618	5575	5521	4533
19 1947 Federal Report Surplus Deficit	3359	3570	2049	728	2521	3923	3885	4203	4412	3812	4010	5588	5637	4429
20 1948 Federal Report Surplus Deficit	3208	3265	1990	3327	3196	2939	3717	3548	4410	3248	4432	5644	6298	4580
21 1949 Federal Report Surplus Deficit	3476	4015	2264	1227	2397	1733	2340	1416	4696	3697	4604	5620	5852	2114
22 1950 Federal Report Surplus Deficit	1225	1335	1955	990	1295	1784	3693	4127	4459	4537	4429	5562	6278	4923
23 1951 Federal Report Surplus Deficit	3357	3625	2084	2115	3273	3989	3977	4530	4440	4500	4451	5538	5733	4584
24 1952 Federal Report Surplus Deficit	3451	3179	2008	2944	3013	2968	3610	3941	4618	4647	4693	5606	5844	4394
25 1953 Federal Report Surplus Deficit	3195	3142	1956	697	1765	1268	1237	3484	4391	1945	3531	5605	6365	4507
26 1954 Federal Report Surplus Deficit	3046	3014	2023	1132	2631	2380	3241	4534	4507	3394	4048	5598	6159	4907
27 1955 Federal Report Surplus Deficit	3705	4149	3889	1294	3032	2391	1527	1601	2732	1628	3130	5502	6313	4884
28 1956 Federal Report Surplus Deficit	3421	3562	1941	1528	3169	3934	4089	4618	4288	4277	4375	5616	6320	4618
29 1957 Federal Report Surplus Deficit	3380	3818	2042	1452	2352	2570	2499	1166	4758	4414	3989	5563	6223	4288
30 1958 Federal Report Surplus Deficit	3088	2349	1966	908	2121	1699	2816	2905	4444	2975	4390	5593	6066	3883
31 1959 Federal Report Surplus Deficit	2954	2228	1889	1003	2925	3654	3990	4484	4531	4002	3883	5386	6091	4705
32 1960 Federal Report Surplus Deficit	3554	3698	3917	3769	3534	3423	3132	3232	4437	4821	4458	5536	5980	4286
33 1961 Federal Report Surplus Deficit	3127	2459	1919	1247	2274	1952	2918	3612	4740	3586	3635	5527	6181	4166
34 1962 Federal Report Surplus Deficit	3081	2746	1787	739	2204	1602	2729	3086	3158	4520	4653	5581	5542	4120
35 1963 Federal Report Surplus Deficit	2886	2999	2000	1671	3027	3394	3162	3177	4176	1936	3338	5572	5699	4199
36 1964 Federal Report Surplus Deficit	2963	2446	2110	872	2007	1920	1820	1866	3261	3765	3189	5572	6345	4773
37 1965 Federal Report Surplus Deficit	3429	3813	2533	2110	2907	4028	4005	4418	4171	3174	4438	5478	5785	4303
38 1966 Federal Report Surplus Deficit	3357	3749	1737	1476	2531	2145	2427	2491	3497	4539	3920	5289	5398	4399
39 1967 Federal Report Surplus Deficit	3094	2584	1892	727	2060	2269	3902	4157	4228	2662	1738	5398	6158	4637
40 1968 Federal Report Surplus Deficit	3351	3526	2013	1183	2785	2150	3028	3966	4558	1478	2771	5076	5785	4479
41 1969 Federal Report Surplus Deficit	3378	3763	2903	2171	3185	3001	3967	4127	4183	4376	4547	5615	6006	4442
42 1970 Federal Report Surplus Deficit	3215	3031	2035	1098	2482	1468	2672	2810	4072	2148	3189	5516	6100	3760
43 1971 Federal Report Surplus Deficit	2733	2286	1850	776	1983	1907	4026	4430	4644	4407	4481	5595	6321	4604
44 1972 Federal Report Surplus Deficit	3554	4160	2180	1574	2530	2457	4015	4353	4385	4480	4311	5477	6221	4772
45 1973 Federal Report Surplus Deficit	3510	4062	2328	1419	2601	2090	2683	1322	3240	559	2319	5133	3539	2755
46 1974 Federal Report Surplus Deficit	2326	1704	1582	1007	1980	2941	4128	4425	4245	4231	4286	5261	6287	5029
47 1975 Federal Report Surplus Deficit	3456	4081	2317	696	2014	1442	3101	3261	4574	1933	3082	5582	6203	4711
48 1976 Federal Report Surplus Deficit	3383	3813	2319	2387	3266	4129	4055	4516	4449	4517	4517	5600	5965	4650
49 1977 Federal Report Surplus Deficit	3823	4204	4083	1561	2202	1102	1016	1082	2473	518	1995	3857	1143	2400
50 1978 Federal Report Surplus Deficit	2042	1628	1663	129	996	2730	2653	3065	3845	4461	3914	5369	5212	4403
51 1979 Federal Report Surplus Deficit	2606	2305	2828	1694	2534	1351	1441	1434	4426	1965	3513	5598	5048	2147
52 1980 Federal Report Surplus Deficit	1691	1944	1958	703	1903	1021	2041	894	3143	2385	4208	5594	5851	3581
53 1981 Federal Report Surplus Deficit	1997	1499	1852	1145	2250	3322	3617	3933	4424	795	3242	5561	6167	4463
54 1982 Federal Report Surplus Deficit	3556	3830	2082	1122	2742	2066	3429	4485	4482	4521	4273	5513	6237	4918

Federal Report Surplus Deficit By Water Year

Operating Year 2018

2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3530	4127	2929	2274	2827	2600	3716	4434	4608	3960	4106	5530	6020	4564
56 1984 Federal Report Surplus Deficit	3420	3908	2247	1259	3351	2909	3387	4064	4808	4719	4565	5601	6252	4556
57 1985 Federal Report Surplus Deficit	3450	2964	2252	1326	2769	2119	2374	2127	3321	3292	4374	5591	5297	995
58 1986 Federal Report Surplus Deficit	969	1323	1943	1256	3032	2326	3058	4340	4951	4656	4529	5461	5750	4065
59 1987 Federal Report Surplus Deficit	2604	2208	1747	704	2324	2241	1722	620	4212	1191	3032	5501	4781	2676
60 1988 Federal Report Surplus Deficit	1908	1345	1839	845	1633	1007	653	-261	2530	1066	2885	5003	3803	3500
61 1989 Federal Report Surplus Deficit	2692	2203	1926	892	1819	1784	1107	60.0	4013	3073	4493	5488	5064	3270
62 1990 Federal Report Surplus Deficit	1984	1716	1942	957	2524	2629	2547	4182	4664	2828	4552	5475	6061	4271
63 1991 Federal Report Surplus Deficit	3441	3403	1939	634	3229	3192	3815	3964	4464	3776	3762	5571	5793	4557
64 1992 Federal Report Surplus Deficit	3505	3695	1930	823	2032	1023	1275	913	4382	566	2111	5026	2886	2513
65 1993 Federal Report Surplus Deficit	2117	1669	1559	1001	2043	1449	-55.0	-450	3408	2076	2925	5575	5384	3744
66 1994 Federal Report Surplus Deficit	2849	2520	2176	981	2309	1623	152	345	3661	962	2812	5037	4609	3237
67 1995 Federal Report Surplus Deficit	2560	1772	1664	934	1138	1562	1954	2675	3916	3514	3444	5545	5969	4058
68 1996 Federal Report Surplus Deficit	2496	2370	2213	2166	3676	4090	4002	4498	4469	4536	4672	5586	5974	4608
69 1997 Federal Report Surplus Deficit	3490	3785	2062	1004	2679	2998	4069	4210	4357	4269	4452	5530	6253	4683
70 1998 Federal Report Surplus Deficit	3522	4149	2921	3476	3172	2129	2239	3245	4005	1741	3965	5522	6187	4368
71 1999 Federal Report Surplus Deficit	3523	3264	1990	823	1913	2514	3997	4315	4477	3778	4511	5611	6175	4799
72 2000 Federal Report Surplus Deficit	3747	4227	2290	1246	3365	3405	3021	3528	4499	4452	4547	5600	4740	4253
73 2001 Federal Report Surplus Deficit	3193	1882	1899	1017	1693	1235	890	813	2687	830	2181	4605	980	2920
74 2002 Federal Report Surplus Deficit	2114	1519	1728	-61.6	1062	1442	997	843	3175	2694	4449	5502	6141	4618
75 2003 Federal Report Surplus Deficit	2016	2327	1991	980	2247	1439	392	1085	4590	2723	3711	5411	5830	3096
76 2004 Federal Report Surplus Deficit	1990	1731	1810	1171	2852	1592	1508	310	3670	2171	3312	5407	4898	3325
77 2005 Federal Report Surplus Deficit	1392	1784	2270	1552	2534	2377	2225	2534	3252	1142	2890	5329	5188	3895
78 2006 Federal Report Surplus Deficit	2620	2084	2013	746	2444	2150	3044	3568	4577	4567	4635	5523	6140	4304
79 2007 Federal Report Surplus Deficit	3079	1636	1968	733	2255	2217	3098	3026	4719	4128	3788	5577	4831	4400
80 2008 Federal Report Surplus Deficit	2419	1711	1849	974	2684	1306	1540	1393	3464	2313	1950	5526	6373	4501

Ranked Averages

81 Bottom 10 pct	1617	1586	1922	1053	2212	1784	2078	2098	3711	2429	3625	5363	5225	3884
82 Middle 80 pct	2887	2707	2006	1206	2289	2184	2409	2543	3982	2949	3574	5410	5401	3904
83 Top 10 pct	3624	3957	2920	1708	2768	2495	2982	3379	4012	3520	3916	5328	5353	4360

Federal Report Surplus Deficit By Water Year

Operating Year 2019

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	2626	2701	1538	822	1348	1022	895	543	1467	693	2315	3006	3731	1656
2 1930 Federal Report Surplus Deficit	2628	2070	1638	1006	1568	1079	-267	797	1291	1812	3479	3044	1215	3725
3 1931 Federal Report Surplus Deficit	2986	2015	1169	995	1750	1120	-149	-379	909	519	-1318	4102	1559	3934
4 1932 Federal Report Surplus Deficit	2449	1455	1356	780	885	1049	117	-712	3240	4522	4611	4832	5167	4544
5 1933 Federal Report Surplus Deficit	2748	3262	1700	1194	1531	1829	3151	3466	3959	2588	3565	4664	5424	4706
6 1934 Federal Report Surplus Deficit	3463	3600	1606	1846	2843	3656	3885	4166	4313	4358	4651	4692	4533	4008
7 1935 Federal Report Surplus Deficit	2455	1683	1076	1152	1018	946	3066	3133	3985	1180	3614	4438	4194	4543
8 1936 Federal Report Surplus Deficit	3477	2433	1544	773	1354	1046	-9.40	539	1652	1880	4471	4862	5052	3835
9 1937 Federal Report Surplus Deficit	2617	1966	1456	594	1690	1074	-88.0	98.1	1083	1054	-93.4	3886	3080	2539
10 1938 Federal Report Surplus Deficit	2756	2052	1447	1039	654	1733	2764	2915	4332	4127	4546	4842	4763	4529
11 1939 Federal Report Surplus Deficit	2437	1799	1630	1213	1093	952	1832	1326	2200	2730	4253	4731	2827	3603
12 1940 Federal Report Surplus Deficit	2603	1805	1270	1344	2101	1463	1333	728	4740	3090	3814	4644	2996	3281
13 1941 Federal Report Surplus Deficit	2122	1365	1227	916	1570	1342	874	514	2092	553	2139	4093	2955	3875
14 1942 Federal Report Surplus Deficit	2378	1825	1500	908	2028	2416	2350	957	3773	1821	3610	4250	4212	4448
15 1943 Federal Report Surplus Deficit	3201	2818	1940	746	843	1181	3298	3545	4317	4704	4796	4753	5421	4649
16 1944 Federal Report Surplus Deficit	3049	2433	1541	800	1587	969	911	682	997	850	2044	2370	547	3018
17 1945 Federal Report Surplus Deficit	2368	1378	1135	1237	1373	995	-8.50	256	1130	800	-1065	4797	4819	2140
18 1946 Federal Report Surplus Deficit	2918	1795	1545	825	1695	1722	2355	1804	4380	4417	4652	4836	4607	4546
19 1947 Federal Report Surplus Deficit	3448	3438	1658	684	2114	3405	3748	3983	4259	3854	4043	4852	4735	4545
20 1948 Federal Report Surplus Deficit	3312	3141	1576	3099	2656	2622	3592	3336	4020	3243	4526	4916	5408	4512
21 1949 Federal Report Surplus Deficit	3550	3849	1912	1190	2001	1536	2267	1261	4541	3721	4706	4881	4951	2488
22 1950 Federal Report Surplus Deficit	1537	1201	1427	952	1034	1582	3570	3913	4303	4579	4495	4774	5340	4924
23 1951 Federal Report Surplus Deficit	3422	3478	1691	2047	2715	3464	3787	4333	4283	4429	4345	4801	4836	4512
24 1952 Federal Report Surplus Deficit	3530	3062	1596	2792	2529	2648	3491	3744	4295	4690	4722	4870	4946	4548
25 1953 Federal Report Surplus Deficit	3302	3008	1432	652	1437	1070	1213	3273	3964	1895	3532	4862	5489	4558
26 1954 Federal Report Surplus Deficit	3222	2878	1615	1095	2204	2142	3143	4293	4354	3397	4084	4862	5273	4920
27 1955 Federal Report Surplus Deficit	3824	3954	3597	1257	2537	2138	1498	1443	1703	1565	3111	4671	5421	4874
28 1956 Federal Report Surplus Deficit	3484	3421	1503	1488	2640	3414	3940	4400	4106	4207	4269	4881	5436	4539
29 1957 Federal Report Surplus Deficit	3438	3667	1639	1412	1963	2311	2417	1015	4542	4472	4022	4835	5336	4499
30 1958 Federal Report Surplus Deficit	3257	2218	1547	869	1753	1503	2724	2705	4130	2961	4462	4852	5187	4208
31 1959 Federal Report Surplus Deficit	3140	2114	1446	966	2458	3197	3851	4214	4376	4081	3928	4647	5212	4647
32 1960 Federal Report Surplus Deficit	3614	3552	3629	3422	2885	3000	3010	3026	4006	4943	4537	4713	5094	4446
33 1961 Federal Report Surplus Deficit	3283	2314	1468	1210	1892	1746	2824	3412	4585	3610	3677	4791	5311	4392
34 1962 Federal Report Surplus Deficit	3248	2637	1349	698	1830	1407	2642	2902	2251	4614	4791	4844	4630	4393
35 1963 Federal Report Surplus Deficit	3064	2864	1498	1626	2533	2990	3064	2971	3704	1880	3332	4782	4798	4409
36 1964 Federal Report Surplus Deficit	3132	2335	1726	833	1658	1716	1783	1705	2384	3797	3171	4815	5459	4716
37 1965 Federal Report Surplus Deficit	3483	3658	2205	2048	2437	3485	3814	4221	4014	3201	4331	4691	4875	4504
38 1966 Federal Report Surplus Deficit	3420	3606	1278	1435	2107	1918	2360	2320	2686	4614	3952	4318	4478	4527
39 1967 Federal Report Surplus Deficit	3251	2473	1473	688	1705	2042	3761	3958	4075	2688	1651	4585	5287	4564
40 1968 Federal Report Surplus Deficit	3447	3387	1624	1146	2336	1924	2949	3762	4335	1412	2738	3994	4907	4517
41 1969 Federal Report Surplus Deficit	3456	3610	2617	2108	2648	2675	3777	3928	4031	4305	4478	4878	5128	4540
42 1970 Federal Report Surplus Deficit	3343	2922	1617	1061	2074	1271	2605	2624	3529	2099	3174	4760	5203	4104
43 1971 Federal Report Surplus Deficit	2949	2140	1401	736	1640	1704	3836	4233	4487	4495	4401	4858	5447	4544
44 1972 Federal Report Surplus Deficit	3608	3983	1800	1533	2121	2214	3826	4156	4228	4408	4349	4690	5354	4721
45 1973 Federal Report Surplus Deficit	3600	3878	1967	1380	2174	1880	2600	1168	2369	462	2265	4075	2492	3148
46 1974 Federal Report Surplus Deficit	2591	1581	1134	971	1644	2623	3941	4228	4088	4160	4179	4474	5350	5054
47 1975 Federal Report Surplus Deficit	3517	3898	1948	653	1666	1243	3033	3066	4201	1882	3060	4844	5318	4632
48 1976 Federal Report Surplus Deficit	3447	3656	1967	2328	2708	3697	3917	4256	4292	4445	4500	4862	5084	4580
49 1977 Federal Report Surplus Deficit	3929	3987	3800	1518	1822	904	992	930	1382	420	1922	2277	-44.3	2793
50 1978 Federal Report Surplus Deficit	2351	1503	1135	64.4	768	2442	2571	2878	3205	4525	3951	4632	4285	4547
51 1979 Federal Report Surplus Deficit	2829	2152	2543	1645	2118	1151	1413	1280	3975	1909	3514	4854	4098	2522
52 1980 Federal Report Surplus Deficit	1994	1824	1521	661	1559	798	1995	745	2232	2348	4270	4862	4970	3948
53 1981 Federal Report Surplus Deficit	2273	1355	1449	1108	1864	2933	3485	3723	4102	704	3288	4802	5272	4412
54 1982 Federal Report Surplus Deficit	3612	3681	1692	1085	2296	1855	3332	4288	4325	4588	4326	4775	5343	4846

Federal Report Surplus Deficit By Water Year

Operating Year 2019

2015 White Book Report Date: 6/30/2015 *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3584	3955	2646	2211	2375	2340	3596	4208	4451	3996	4144	4794	5116	4533
56 1984 Federal Report Surplus Deficit	3474	3745	1879	1222	2777	2607	3296	3858	4649	4788	4675	4863	5361	4526
57 1985 Federal Report Surplus Deficit	3533	2828	1884	1289	2328	1903	2306	1963	2472	3295	4449	4854	4361	1296
58 1986 Federal Report Surplus Deficit	1283	1188	1508	1219	2544	2089	2978	4127	4803	4743	4637	4673	4853	4355
59 1987 Federal Report Surplus Deficit	2846	2094	1278	660	1941	2015	1687	473	3745	1111	3009	4689	3824	3074
60 1988 Federal Report Surplus Deficit	2197	1208	1369	807	1306	785	622	-404	1438	981	2857	3867	2758	3874
61 1989 Federal Report Surplus Deficit	2917	2090	1475	854	1494	1586	1084	-84.0	3386	3056	4599	4689	4113	3655
62 1990 Federal Report Surplus Deficit	2291	1581	1481	919	2102	2344	2470	3951	4513	2864	4651	4678	5185	4489
63 1991 Federal Report Surplus Deficit	3519	3264	1495	590	2669	2828	3680	3751	4166	3808	3788	4809	4904	4484
64 1992 Federal Report Surplus Deficit	3558	3551	1484	783	1678	799	1249	763	4051	469	2047	3918	1800	2907
65 1993 Federal Report Surplus Deficit	2394	1547	1093	964	1680	1253	-126	-591	2532	2024	2895	4822	4448	4092
66 1994 Federal Report Surplus Deficit	3051	2370	1779	944	1913	1426	95.8	200	2946	873	2778	3978	3639	3626
67 1995 Federal Report Surplus Deficit	2805	1651	1252	898	888	1366	1912	2485	3261	3533	3441	4786	5087	4350
68 1996 Federal Report Surplus Deficit	2740	2253	1832	2092	2998	3655	3812	4301	4313	4508	4643	4848	5087	4541
69 1997 Federal Report Surplus Deficit	3545	3647	1658	966	2249	2677	3878	4013	4200	4198	4345	4791	5355	4649
70 1998 Federal Report Surplus Deficit	3575	3971	2637	3210	2642	1916	2184	3035	3420	1680	3989	4778	5266	4537
71 1999 Federal Report Surplus Deficit	3597	3154	1552	782	1580	2262	3822	4116	4321	3809	4588	4859	5314	4747
72 2000 Federal Report Surplus Deficit	3852	4048	1941	1209	2773	3007	2929	3314	4108	4542	4662	4863	3758	4471
73 2001 Federal Report Surplus Deficit	3342	1760	1421	980	1374	1035	866	664	1656	741	2116	3271	-218	3318
74 2002 Federal Report Surplus Deficit	2392	1387	1199	-135	823	1245	1107	656	2072	2671	4539	4699	5250	4575
75 2003 Federal Report Surplus Deficit	2299	2180	1548	943	1857	1243	350	934	4271	2696	3726	4603	4939	3529
76 2004 Federal Report Surplus Deficit	2282	1603	1324	1133	2371	1396	1480	164	2965	2124	3304	4540	3945	3709
77 2005 Federal Report Surplus Deficit	1698	1653	1931	1507	2116	2137	2157	2361	2402	1066	2869	4544	4247	4230
78 2006 Federal Report Surplus Deficit	2869	1964	1564	707	2038	1931	2971	3366	4371	4661	4749	4784	5253	4544
79 2007 Federal Report Surplus Deficit	3261	1504	1445	691	1877	1992	3012	2823	4566	4172	3809	4824	3862	4578
80 2008 Federal Report Surplus Deficit	2681	1583	1321	937	2235	1104	1511	1238	2641	2271	1868	4789	5488	4634
Ranked Averages														
81 Bottom 10 pct	1923	1424	1469	1038	1796	1633	2145	1893	3042	2137	3483	4519	4293	4166
82 Middle 80 pct	3059	2579	1595	1165	1899	1920	2326	2409	3534	3018	3621	4582	4511	4096
83 Top 10 pct	3705	3780	2497	1523	2274	2157	2751	2805	3305	3092	3720	4365	4091	4256

Federal Report Surplus Deficit By Water Year

Operating Year 2020

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	2632	2727	1571	1074	1244	1074	941	708	1511	859	2415	3679	4672	1132
2 1930 Federal Report Surplus Deficit	2633	2079	1667	1251	1483	1127	-335	961	1342	1831	3553	3708	2269	3200
3 1931 Federal Report Surplus Deficit	3027	2024	1198	1234	1689	1182	-193	-209	974	719	-1381	4672	2605	3435
4 1932 Federal Report Surplus Deficit	2445	1472	1402	1026	769	1104	89.4	-563	3240	4564	4570	5397	5871	4273
5 1933 Federal Report Surplus Deficit	2759	3325	1731	1431	1437	1908	3177	3610	3939	2566	3635	5230	6070	4666
6 1934 Federal Report Surplus Deficit	3633	3706	1635	2047	2746	3699	3899	4324	4287	4357	4608	5229	5317	3536
7 1935 Federal Report Surplus Deficit	2450	1692	1115	1384	900	982	3098	3280	3964	1258	3678	4975	5072	4288
8 1936 Federal Report Surplus Deficit	3614	2446	1592	1025	1256	1100	-58.5	704	1691	1889	4447	5418	5769	3327
9 1937 Federal Report Surplus Deficit	2621	1974	1497	851	1619	1133	-117	265	1142	1178	-83.2	4472	4071	1985
10 1938 Federal Report Surplus Deficit	2780	2061	1481	1282	533	1809	2815	3063	4305	4138	4524	5390	5552	4232
11 1939 Federal Report Surplus Deficit	2427	1809	1659	1449	978	990	1903	1485	2229	2709	4269	5260	3818	3069
12 1940 Federal Report Surplus Deficit	2621	1813	1300	1569	2082	1534	1399	892	4713	3067	3858	5176	3982	2731
13 1941 Federal Report Surplus Deficit	2097	1383	1258	1158	1487	1405	913	678	2117	730	2239	4645	3937	3377
14 1942 Federal Report Surplus Deficit	2374	1833	1537	1148	1995	2494	2416	1119	3756	1841	3671	4790	5059	4310
15 1943 Federal Report Surplus Deficit	3288	2856	2001	999	718	1233	3319	3691	4290	4702	4755	5284	6084	4605
16 1944 Federal Report Surplus Deficit	3100	2448	1579	1054	1498	1015	961	845	1057	975	2144	3061	1609	2463
17 1945 Federal Report Surplus Deficit	2365	1393	1169	1471	1274	1054	-60.2	424	1190	965	-1120	5323	5579	1579
18 1946 Federal Report Surplus Deficit	2942	1806	1617	1077	1612	1798	2422	1960	4354	4446	4629	5402	5420	4421
19 1947 Federal Report Surplus Deficit	3584	3527	1689	940	2078	3431	3730	4125	4233	3853	4073	5400	5507	4316
20 1948 Federal Report Surplus Deficit	3435	3196	1605	3135	2721	2693	3588	3482	4001	3224	4492	5495	6065	4466
21 1949 Federal Report Surplus Deficit	3716	3997	1959	1428	1953	1607	2330	1422	4514	3714	4663	5451	5706	2097
22 1950 Federal Report Surplus Deficit	1494	1229	1500	1199	915	1657	3568	4055	4277	4577	4481	5409	6032	4813
23 1951 Federal Report Surplus Deficit	3578	3566	1722	2236	2761	3489	3801	4480	4256	4426	4323	5360	5605	4471
24 1952 Federal Report Surplus Deficit	3673	3108	1625	2882	2577	2720	3492	3888	4273	4687	4699	5455	5693	4280
25 1953 Federal Report Surplus Deficit	3423	3053	1502	909	1343	1124	1266	3421	3947	1899	3605	5400	6129	4395
26 1954 Federal Report Surplus Deficit	3288	2913	1644	1337	2186	2223	3174	4433	4328	3378	4110	5411	5960	4819
27 1955 Federal Report Surplus Deficit	3986	4114	3658	1493	2594	2218	1564	1602	1741	1601	3201	5197	6093	4790
28 1956 Federal Report Surplus Deficit	3654	3506	1536	1716	2708	3441	3924	4546	4080	4204	4246	5465	6089	4506
29 1957 Federal Report Surplus Deficit	3601	3785	1668	1641	1909	2390	2476	1177	4518	4501	4053	5426	6008	4171
30 1958 Federal Report Surplus Deficit	3331	2227	1576	1120	1683	1571	2778	2857	4108	2937	4441	5429	5880	3754
31 1959 Federal Report Surplus Deficit	3203	2123	1480	1213	2488	3240	3827	4357	4349	4098	3971	5189	5902	4606
32 1960 Federal Report Surplus Deficit	3786	3650	3613	3389	2768	3045	3035	3173	3989	4947	4506	5242	5811	4171
33 1961 Federal Report Surplus Deficit	3365	2324	1504	1446	1832	1823	2867	3558	4558	3602	3739	5348	5980	4050
34 1962 Federal Report Surplus Deficit	3324	2659	1381	952	1764	1471	2699	3051	2274	4648	4759	5387	5442	3997
35 1963 Federal Report Surplus Deficit	3130	2899	1556	1844	2589	3046	3084	3120	3689	1898	3412	5309	5570	4083
36 1964 Federal Report Surplus Deficit	3206	2350	1759	1084	1575	1792	1853	1862	2403	3800	3260	5346	6121	4678
37 1965 Federal Report Surplus Deficit	3654	3786	2277	2229	2468	3505	3828	4368	3988	3180	4309	5325	5593	4187
38 1966 Federal Report Surplus Deficit	3577	3727	1316	1659	2086	1999	2426	2472	2698	4650	3985	4869	5302	4286
39 1967 Federal Report Surplus Deficit	3335	2488	1502	939	1626	2123	3743	4105	4049	2666	1743	5113	5944	4533
40 1968 Federal Report Surplus Deficit	3577	3469	1655	1382	2343	2004	2992	3905	4311	1457	2835	4571	5617	4368
41 1969 Federal Report Surplus Deficit	3601	3742	2712	2272	2714	2746	3790	4075	4005	4303	4456	5456	5849	4331
42 1970 Federal Report Surplus Deficit	3448	2959	1646	1307	2037	1329	2664	2774	3519	2101	3262	5290	5880	3626
43 1971 Federal Report Surplus Deficit	2982	2149	1436	988	1554	1780	3850	4380	4460	4522	4378	5436	6083	4492
44 1972 Federal Report Surplus Deficit	3777	4142	1834	1759	2085	2295	3840	4303	4202	4406	4325	5324	6011	4693
45 1973 Federal Report Surplus Deficit	3760	4035	2016	1610	2157	1958	2659	1328	2387	663	2366	4648	3503	2594
46 1974 Federal Report Surplus Deficit	2594	1591	1169	1213	1556	2696	3955	4375	4062	4157	4157	5108	6041	4984
47 1975 Federal Report Surplus Deficit	3688	4057	1990	909	1583	1297	3072	3213	4181	1889	3152	5390	6004	4595
48 1976 Federal Report Surplus Deficit	3603	3781	2017	2489	2755	3703	3889	4395	4266	4443	4478	5448	5797	4545
49 1977 Federal Report Surplus Deficit	4121	4169	3758	1741	1760	958	1048	1091	1429	620	2020	2968	1018	2237
50 1978 Federal Report Surplus Deficit	2347	1515	1207	328	642	2519	2630	3026	3203	4560	3978	5186	5126	4289
51 1979 Federal Report Surplus Deficit	2856	2161	2634	1858	2089	1203	1478	1440	3960	1926	3587	5391	4986	1969
52 1980 Federal Report Surplus Deficit	1965	1833	1553	916	1473	822	2066	908	2255	2333	4256	5437	5663	3439
53 1981 Federal Report Surplus Deficit	2264	1371	1478	1348	1808	2992	3474	3866	4080	857	3368	5332	5956	4351
54 1982 Federal Report Surplus Deficit	3784	3796	1724	1329	2300	1933	3352	4435	4299	4586	4329	5340	6027	4793

Federal Report Surplus Deficit By Water Year

Operating Year 2020

2015 White Book Report Date: 6/30/2015 *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3752	4111	2729	2385	2386	2420	3598	4349	4425	4001	4167	5339	5811	4452
56 1984 Federal Report Surplus Deficit	3644	3889	1921	1461	2800	2681	3320	4001	4627	4825	4633	5409	6036	4444
57 1985 Federal Report Surplus Deficit	3673	2856	1927	1528	2325	1983	2372	2118	2488	3275	4423	5404	5220	800
58 1986 Federal Report Surplus Deficit	1249	1216	1540	1460	2596	2170	3022	4269	4777	4774	4596	5200	5610	3938
59 1987 Federal Report Surplus Deficit	2865	2102	1320	916	1882	2096	1757	638	3730	1213	3101	5213	4724	2520
60 1988 Federal Report Surplus Deficit	2180	1232	1412	1055	1212	809	641	-233	1485	1108	2952	4458	3767	3364
61 1989 Federal Report Surplus Deficit	2951	2098	1511	1103	1398	1658	1133	84.6	3382	3032	4556	5218	5000	3123
62 1990 Federal Report Surplus Deficit	2281	1595	1521	1167	2080	2421	2532	4091	4487	2840	4610	5202	5882	4154
63 1991 Federal Report Surplus Deficit	3663	3330	1529	847	2711	2890	3666	3893	4143	3813	3834	5339	5640	4446
64 1992 Federal Report Surplus Deficit	3729	3651	1519	1035	1599	825	1311	926	4029	669	2147	4500	2838	2350
65 1993 Federal Report Surplus Deficit	2387	1557	1134	1203	1606	1312	-193	-419	2551	2032	2991	5354	5303	3611
66 1994 Federal Report Surplus Deficit	3094	2381	1809	1191	1865	1496	62.4	366	2949	1015	2875	4549	4559	3092
67 1995 Federal Report Surplus Deficit	2823	1661	1281	1141	766	1430	1983	2638	3259	3521	3518	5316	5774	3932
68 1996 Federal Report Surplus Deficit	2752	2262	1866	2275	2819	3697	3826	4448	4287	4506	4620	5412	5790	4506
69 1997 Federal Report Surplus Deficit	3711	3760	1687	1214	2235	2749	3892	4160	4174	4196	4322	5379	6058	4603
70 1998 Federal Report Surplus Deficit	3744	4130	2721	3223	2710	1995	2254	3183	3412	1708	4033	5354	5940	4251
71 1999 Federal Report Surplus Deficit	3745	3201	1584	1036	1488	2343	3834	4263	4294	3809	4560	5390	5975	4701
72 2000 Federal Report Surplus Deficit	4012	4207	1990	1447	2766	3064	2972	3460	4089	4580	4622	5411	4695	4136
73 2001 Federal Report Surplus Deficit	3432	1770	1467	1226	1275	1087	915	827	1694	884	2216	3916	844	2768
74 2002 Federal Report Surplus Deficit	2385	1406	1272	138	699	1301	1158	820	2101	2650	4500	5226	5935	4505
75 2003 Federal Report Surplus Deficit	2278	2189	1581	1187	1804	1301	344	1096	4249	2674	3782	5130	5691	3031
76 2004 Federal Report Surplus Deficit	2263	1618	1374	1367	2415	1461	1545	332	2967	2123	3386	5073	4838	3178
77 2005 Federal Report Surplus Deficit	1662	1664	1994	1727	2089	2218	2223	2513	2418	1149	2960	5070	5116	3763
78 2006 Federal Report Surplus Deficit	2883	1973	1600	958	1999	2011	3010	3512	4346	4701	4710	5351	5944	4185
79 2007 Federal Report Surplus Deficit	3327	1523	1515	945	1815	2073	3048	2972	4540	4189	3857	5355	4778	4286
80 2008 Federal Report Surplus Deficit	2687	1598	1393	1179	2242	1153	1577	1398	2655	2262	1963	5339	6153	4387
Ranked Averages														
81 Bottom 10 pct	1897	1443	1514	1279	1749	1692	2182	2048	3047	2206	3530	5078	5115	3778
82 Middle 80 pct	3133	2610	1620	1372	1837	1980	2354	2561	3525	3041	3650	5145	5293	3810
83 Top 10 pct	3872	4028	2665	1894	2352	2236	2758	2968	3320	3176	3692	4934	4871	3983

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2015 White Book Report Date: 6/30/2015

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	2500	2900	1490	633	1115	816	716	526	1476	807	2402	3144	3690	1151
2 1930 Federal Report Surplus Deficit	2502	2291	1551	783	1332	865	-481	780	1301	1740	3535	3175	1108	3234
3 1931 Federal Report Surplus Deficit	2897	2232	1095	756	1528	932	-356	-327	920	674	-1214	3977	1462	3470
4 1932 Federal Report Surplus Deficit	2313	1734	1353	561	663	847	-85.6	-627	3240	4390	4590	4537	5140	4291
5 1933 Federal Report Surplus Deficit	2627	3481	1602	950	1294	1672	3030	3403	3949	2449	3618	4377	5318	4641
6 1934 Federal Report Surplus Deficit	3509	3861	1520	1571	2689	3366	3770	4174	4297	4225	4613	4389	4522	3569
7 1935 Federal Report Surplus Deficit	2318	1922	1050	897	803	711	2944	3064	3975	1186	3663	4225	4171	4309
8 1936 Federal Report Surplus Deficit	3490	2637	1546	584	1118	842	-217	523	1661	1792	4469	4567	5007	3354
9 1937 Federal Report Surplus Deficit	2489	2195	1438	439	1461	880	-291	108	1094	1118	14.7	3827	3007	2012
10 1938 Federal Report Surplus Deficit	2648	2268	1402	812	495	1571	2633	2844	4316	3951	4550	4542	4736	4253
11 1939 Federal Report Surplus Deficit	2296	2048	1542	967	869	720	1676	1274	2207	2590	4273	4458	2765	3102
12 1940 Federal Report Surplus Deficit	2490	2031	1205	1079	1926	1292	1168	708	4724	2938	3850	4401	2946	2764
13 1941 Federal Report Surplus Deficit	1966	1650	1170	685	1335	1156	692	497	2098	681	2228	3939	2906	3411
14 1942 Federal Report Surplus Deficit	2243	2058	1393	671	1835	2259	2209	921	3766	1750	3657	4044	4204	4322
15 1943 Federal Report Surplus Deficit	3160	3021	1833	561	645	974	3179	3478	4301	4571	4752	4452	5324	4562
16 1944 Federal Report Surplus Deficit	2970	2635	1512	623	1351	751	734	657	1008	914	2135	2631	425	2494
17 1945 Federal Report Surplus Deficit	2233	1652	1094	985	1136	802	-217	274	1141	914	-960	4512	4810	1806
18 1946 Federal Report Surplus Deficit	2811	2046	1605	636	1460	1560	2213	1741	4364	4261	4655	4545	4574	4431
19 1947 Federal Report Surplus Deficit	3460	3681	1561	523	1917	3155	3635	3933	4243	3706	4068	4552	4723	4334
20 1948 Federal Report Surplus Deficit	3310	3354	1499	3000	2680	2454	3478	3269	4011	3089	4517	4572	5279	4464
21 1949 Federal Report Surplus Deficit	3587	4161	1802	947	1790	1364	2128	1215	4525	3558	4686	4587	4914	1921
22 1950 Federal Report Surplus Deficit	1366	1513	1488	738	820	1419	3456	3856	4287	4446	4490	4488	5274	4730
23 1951 Federal Report Surplus Deficit	3455	3721	1596	1776	2735	3211	3671	4314	4267	4296	4349	4509	4807	4464
24 1952 Federal Report Surplus Deficit	3549	3269	1517	2628	2473	2480	3376	3680	4284	4556	4726	4560	4906	4298
25 1953 Federal Report Surplus Deficit	3299	3215	1488	493	1200	867	1038	3203	3956	1802	3587	4556	5342	4406
26 1954 Federal Report Surplus Deficit	3159	3079	1533	863	2031	1990	3021	4247	4338	3239	4107	4563	5190	4680
27 1955 Federal Report Surplus Deficit	3845	4285	3591	1010	2505	1985	1333	1388	1711	1516	3180	4412	5327	4731
28 1956 Federal Report Surplus Deficit	3528	3661	1453	1227	2657	3164	3824	4380	4090	4075	4272	4561	5326	4494
29 1957 Federal Report Surplus Deficit	3478	3942	1553	1153	1747	2157	2281	979	4527	4342	4044	4505	5199	4192
30 1958 Federal Report Surplus Deficit	3203	2430	1476	673	1524	1327	2592	2633	4118	2808	4461	4553	5128	3778
31 1959 Federal Report Surplus Deficit	3074	2331	1401	753	2364	2977	3737	4179	4360	3944	3960	4345	5166	4576
32 1960 Federal Report Surplus Deficit	3660	3805	3669	3304	2704	2785	2890	2956	3997	4759	4484	4450	5066	4193
33 1961 Federal Report Surplus Deficit	3237	2521	1431	962	1671	1587	2697	3343	4569	3462	3720	4496	5223	4070
34 1962 Federal Report Surplus Deficit	3196	2836	1298	521	1604	1224	2509	2831	2257	4466	4763	4542	4625	4024
35 1963 Federal Report Surplus Deficit	3001	3065	1524	1355	2497	2793	2945	2899	3698	1806	3392	4487	4774	4102
36 1964 Federal Report Surplus Deficit	3077	2537	1624	639	1423	1555	1625	1644	2390	3654	3238	4513	5295	4613
37 1965 Federal Report Surplus Deficit	3529	3946	2104	1780	2346	3223	3698	4202	3998	3027	4335	4404	4825	4210
38 1966 Federal Report Surplus Deficit	3454	3885	1251	1170	1929	1766	2219	2249	2690	4493	3976	4162	4459	4304
39 1967 Federal Report Surplus Deficit	3207	2674	1401	495	1471	1889	3648	3940	4059	2546	1749	4309	5143	4520
40 1968 Federal Report Surplus Deficit	3452	3623	1526	900	2201	1771	2823	3701	4321	1374	2817	3907	4842	4378
41 1969 Federal Report Surplus Deficit	3477	3902	2551	1853	2671	2505	3661	3910	4015	4173	4482	4579	5088	4347
42 1970 Federal Report Surplus Deficit	3322	3124	1545	843	1876	1076	2469	2552	3525	2001	3241	4462	5132	3655
43 1971 Federal Report Surplus Deficit	2851	2357	1363	545	1404	1541	3720	4214	4471	4339	4404	4550	5307	4487
44 1972 Federal Report Surplus Deficit	3654	4311	1696	1270	1925	2062	3710	4137	4212	4275	4321	4404	5228	4611
45 1973 Federal Report Surplus Deficit	3628	4207	1857	1123	2001	1722	2465	1122	2374	617	2353	3964	2420	2626
46 1974 Federal Report Surplus Deficit	2462	1834	1094	741	1407	2458	3825	4209	4072	4028	4183	4187	5282	4814
47 1975 Federal Report Surplus Deficit	3562	4228	1839	491	1431	1040	2908	2995	4191	1792	3131	4544	5253	4569
48 1976 Federal Report Surplus Deficit	3480	3939	1856	2078	2728	3406	3802	4216	4277	4312	4504	4559	5047	4523
49 1977 Federal Report Surplus Deficit	3975	4339	3906	1251	1599	701	819	889	1392	576	2017	2538	-178	2267
50 1978 Federal Report Surplus Deficit	2215	1763	1195	5.69	576	2284	2435	2806	3205	4399	3970	4336	4271	4309
51 1979 Federal Report Surplus Deficit	2725	2364	2454	1372	1930	944	1247	1234	3968	1833	3569	4550	4076	1996
52 1980 Federal Report Surplus Deficit	1834	2065	1468	489	1323	541	1843	719	2238	2223	4273	4545	4902	3469
53 1981 Federal Report Surplus Deficit	2132	1634	1362	871	1646	2743	3372	3665	4090	803	3348	4499	5169	4355
54 1982 Federal Report Surplus Deficit	3659	3953	1594	862	2156	1698	3213	4269	4309	4455	4334	4482	5260	4722

Federal Report Surplus Deficit By Water Year

Operating Year 2021

2015 White Book Report Date: 6/30/2015 *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3628	4279	2550	1948	2247	2186	3481	4156	4435	3850	4165	4493	5060	4460
56 1984 Federal Report Surplus Deficit	3520	4051	1769	981	2777	2444	3176	3798	4637	4646	4647	4562	5306	4449
57 1985 Federal Report Surplus Deficit	3549	3027	1774	1050	2177	1748	2165	1896	2477	3138	4444	4555	4341	816
58 1986 Federal Report Surplus Deficit	1122	1501	1453	985	2497	1937	2851	4072	4787	4593	4602	4394	4842	3953
59 1987 Federal Report Surplus Deficit	2734	2315	1263	494	1721	1863	1528	463	3738	1147	3081	4412	3806	2551
60 1988 Federal Report Surplus Deficit	2049	1514	1356	594	1070	528	433	-348	1448	1048	2932	3809	2691	3396
61 1989 Federal Report Surplus Deficit	2820	2308	1439	651	1257	1417	907	-57.3	3383	2901	4581	4412	4090	3157
62 1990 Federal Report Surplus Deficit	2149	1850	1457	709	1923	2185	2332	3901	4497	2714	4635	4399	5122	4175
63 1991 Federal Report Surplus Deficit	3539	3486	1451	433	2686	2644	3567	3693	4155	3662	3822	4511	4876	4415
64 1992 Federal Report Surplus Deficit	3605	3806	1442	592	1444	544	1080	735	4040	624	2138	3837	1710	2381
65 1993 Federal Report Surplus Deficit	2256	1798	1075	725	1449	1059	-340	-519	2537	1935	2971	4517	4440	3641
66 1994 Federal Report Surplus Deficit	2963	2577	1686	730	1703	1254	-108	204	2947	959	2856	3882	3605	3125
67 1995 Federal Report Surplus Deficit	2692	1898	1174	669	680	1182	1758	2414	3260	3383	3499	4483	5025	3959
68 1996 Federal Report Surplus Deficit	2621	2466	1728	1824	2724	3365	3696	4282	4297	4376	4647	4556	5044	4487
69 1997 Federal Report Surplus Deficit	3588	3916	1572	753	2081	2510	3762	3994	4184	4066	4349	4480	5270	4557
70 1998 Federal Report Surplus Deficit	3621	4300	2542	3129	2660	1760	2037	2964	3417	1620	4025	4470	5208	4271
71 1999 Federal Report Surplus Deficit	3622	3361	1501	604	1343	2110	3705	4098	4306	3660	4576	4555	5203	4646
72 2000 Federal Report Surplus Deficit	3876	4377	1831	966	2739	2813	2802	3245	4099	4396	4636	4564	3703	4161
73 2001 Federal Report Surplus Deficit	3305	2012	1417	765	1138	828	689	639	1665	827	2208	3340	-362	2800
74 2002 Federal Report Surplus Deficit	2253	1673	1260	-160	623	1046	931	632	2079	2533	4526	4428	5168	4511
75 2003 Federal Report Surplus Deficit	2147	2403	1502	716	1642	1048	153	898	4259	2557	3770	4338	4937	2961
76 2004 Federal Report Surplus Deficit	2131	1876	1330	881	2307	1214	1315	174	2966	2022	3366	4314	3922	3211
77 2005 Federal Report Surplus Deficit	1532	1905	1825	1238	1931	1985	2016	2289	2407	1078	2939	4266	4237	3796
78 2006 Federal Report Surplus Deficit	2751	2205	1525	513	1838	1777	2845	3297	4356	4510	4719	4489	5193	4205
79 2007 Federal Report Surplus Deficit	3198	1791	1500	517	1654	1839	2889	2751	4550	4039	3848	4522	3826	4308
80 2008 Federal Report Surplus Deficit	2555	1856	1381	706	2099	893	1347	1189	2645	2156	1965	4491	5322	4403
Ranked Averages														
81 Bottom 10 pct	1766	1707	1431	810	1616	1440	1997	1866	3040	2112	3522	4282	4243	3790
82 Middle 80 pct	3005	2806	1525	933	1713	1728	2184	2371	3525	2919	3659	4336	4452	3814
83 Top 10 pct	3740	4194	2587	1467	2234	1994	2589	2770	3316	3056	3686	4163	3986	3971

Federal Report Surplus Deficit By Water Year

Operating Year 2022

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	2415	2838	2029	572	1019	1126	611	473	1373	752	2459	3473	4910	1213
2 1930 Federal Report Surplus Deficit	2416	2224	2348	725	1243	1193	-573	727	1189	1689	3584	3515	2500	3244
3 1931 Federal Report Surplus Deficit	2807	2166	1803	706	1453	1199	-447	-368	803	624	-1065	4483	2861	3478
4 1932 Federal Report Surplus Deficit	2229	1651	1593	508	567	1148	-181	-671	3177	4363	4657	5258	5849	4297
5 1933 Federal Report Surplus Deficit	2540	3414	2481	896	1205	1840	2938	3325	3899	2404	3670	5065	5992	4664
6 1934 Federal Report Surplus Deficit	3425	3784	2317	1516	2638	3611	3675	4090	4198	4199	4683	5086	5399	3576
7 1935 Federal Report Surplus Deficit	2234	1850	1440	845	706	1089	2850	2989	3921	1136	3716	4808	5256	4316
8 1936 Federal Report Surplus Deficit	3400	2574	1752	522	1025	1148	-310	471	1564	1745	4532	5280	5771	3362
9 1937 Federal Report Surplus Deficit	2403	2126	1773	377	1381	1160	-387	59.9	981	1067	131	4286	4337	2051
10 1938 Federal Report Surplus Deficit	2560	2202	1923	757	386	1758	2536	2771	4211	3919	4623	5237	5619	4256
11 1939 Federal Report Surplus Deficit	2213	1973	2348	911	770	1092	1571	1217	2119	2546	4330	5091	4089	3117
12 1940 Federal Report Surplus Deficit	2402	1962	1858	1025	1859	1507	1062	657	4618	2898	3904	5011	4259	2786
13 1941 Federal Report Surplus Deficit	1887	1566	1771	631	1250	1415	587	447	2013	629	2289	4474	4210	3416
14 1942 Federal Report Surplus Deficit	2158	1987	2339	618	1763	2374	2108	865	3714	1701	3708	4614	5216	4335
15 1943 Federal Report Surplus Deficit	3069	2958	2810	499	543	1285	3090	3402	4194	4538	4816	5126	5987	4582
16 1944 Federal Report Surplus Deficit	2879	2572	1917	562	1262	1088	629	603	892	862	2198	2861	1792	2521
17 1945 Federal Report Surplus Deficit	2149	1571	1580	932	1047	1079	-309	225	1024	856	-823	5152	5623	1850
18 1946 Federal Report Surplus Deficit	2723	1970	1439	572	1372	1747	2111	1678	4259	4231	4727	5256	5530	4443
19 1947 Federal Report Surplus Deficit	3370	3609	2433	460	1845	3338	3550	3849	4136	3666	4118	5257	5568	4339
20 1948 Federal Report Surplus Deficit	3219	3289	2230	2866	2648	2566	3391	3193	3960	3048	4580	5294	5946	4484
21 1949 Federal Report Surplus Deficit	3507	4072	2783	890	1714	1585	2027	1157	4420	3520	4751	5302	5722	1959
22 1950 Federal Report Surplus Deficit	1294	1420	1322	680	719	1612	3370	3775	4180	4411	4546	5259	6005	4746
23 1951 Federal Report Surplus Deficit	3366	3648	2456	1706	2701	3398	3573	4204	4159	4260	4416	5213	5646	4481
24 1952 Federal Report Surplus Deficit	3459	3206	2268	2514	2429	2593	3289	3601	4232	4525	4797	5283	5717	4301
25 1953 Federal Report Surplus Deficit	3208	3151	1337	430	1110	1168	933	3129	3903	1752	3637	5242	6009	4416
26 1954 Federal Report Surplus Deficit	3068	3017	2297	808	1964	2123	2928	4161	4231	3196	4159	5263	5872	4699
27 1955 Federal Report Surplus Deficit	3769	4187	3731	956	2467	2107	1227	1328	1613	1466	3232	5028	5996	4747
28 1956 Federal Report Surplus Deficit	3446	3589	2008	1168	2624	3348	3726	4270	3983	4041	4342	5282	5993	4515
29 1957 Federal Report Surplus Deficit	3391	3862	2352	1093	1669	2278	2181	924	4474	4309	4095	5227	5869	4192
30 1958 Federal Report Surplus Deficit	3112	2365	2171	614	1442	1558	2493	2565	4067	2764	4521	5278	5827	3780
31 1959 Federal Report Surplus Deficit	2982	2265	1916	696	2319	3126	3651	4091	4251	3905	4006	5040	5842	4597
32 1960 Federal Report Surplus Deficit	3577	3730	3728	3155	2643	2929	2797	2882	3942	4729	4541	5074	5803	4200
33 1961 Federal Report Surplus Deficit	3146	2457	1895	910	1596	1766	2601	3268	4462	3424	3770	5209	5896	4074
34 1962 Federal Report Surplus Deficit	3104	2775	1853	462	1522	1474	2409	2758	2172	4435	4824	5241	5556	4023
35 1963 Federal Report Surplus Deficit	2910	3003	1573	1302	2464	2921	2855	2828	3644	1756	3443	5128	5627	4105
36 1964 Federal Report Surplus Deficit	2986	2474	2531	582	1335	1740	1520	1582	2307	3618	3289	5182	5971	4631
37 1965 Federal Report Surplus Deficit	3445	3862	3052	1708	2296	3421	3600	4092	3890	2980	4402	5175	5571	4206
38 1966 Federal Report Surplus Deficit	3366	3803	1651	1112	1862	1909	2116	2181	2612	4461	4025	4702	5428	4310
39 1967 Federal Report Surplus Deficit	3116	2612	2096	439	1392	2032	3550	3830	3950	2500	1818	4932	5815	4539
40 1968 Federal Report Surplus Deficit	3362	3552	2405	845	2142	1915	2727	3621	4267	1322	2870	4388	5583	4385
41 1969 Federal Report Surplus Deficit	3388	3817	3218	1774	2639	2617	3562	3800	3907	4140	4552	5299	5844	4356
42 1970 Federal Report Surplus Deficit	3230	3061	2245	788	1803	1358	2370	2482	3466	1948	3288	5132	5824	3654
43 1971 Federal Report Surplus Deficit	2762	2290	1833	481	1316	1732	3622	4105	4363	4302	4470	5264	5971	4500
44 1972 Federal Report Surplus Deficit	3569	4218	2618	1209	1853	2191	3611	4027	4104	4238	4371	5171	5898	4625
45 1973 Federal Report Surplus Deficit	3549	4109	2840	1065	1934	1891	2365	1065	2291	561	2409	4457	3776	2647
46 1974 Federal Report Surplus Deficit	2376	1758	1578	680	1319	2570	3727	4099	3966	3994	4253	4957	6018	4826
47 1975 Federal Report Surplus Deficit	3479	4134	2807	423	1343	1343	2813	2922	4137	1740	3180	5239	5917	4584
48 1976 Federal Report Surplus Deficit	3392	3857	2841	1997	2695	3649	3716	4129	4168	4278	4573	5280	5786	4538
49 1977 Federal Report Surplus Deficit	3900	4242	4064	1199	1524	1003	712	833	1284	524	2083	2769	1151	2299
50 1978 Federal Report Surplus Deficit	2131	1685	1029	-71.8	473	2398	2336	2734	3140	4368	4022	5046	5265	4309
51 1979 Federal Report Surplus Deficit	2636	2299	3169	1310	1860	1257	1140	1177	3914	1783	3619	5240	5183	2035
52 1980 Federal Report Surplus Deficit	1756	1992	2035	430	1234	974	1739	666	2153	2175	4333	5269	5621	3475
53 1981 Federal Report Surplus Deficit	2049	1551	2161	818	1568	2866	3286	3584	4040	749	3398	5168	5840	4376
54 1982 Federal Report Surplus Deficit	3575	3873	2474	800	2097	1865	3123	4160	4201	4418	4386	5191	5921	4732

Federal Report Surplus Deficit By Water Year

Operating Year 2022

2015 White Book Report Date: **6/30/2015** *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3542	4187	3335	1873	2189	2307	3394	4074	4327	3812	4216	5184	5783	4471
56 1984 Federal Report Surplus Deficit	3436	3963	2739	921	2740	2556	3086	3718	4582	4613	4707	5257	5971	4459
57 1985 Federal Report Surplus Deficit	3460	2966	2745	989	2116	1908	2063	1833	2398	3095	4504	5260	5376	884
58 1986 Federal Report Surplus Deficit	1054	1407	2037	925	2455	2073	2756	3990	4680	4561	4662	5038	5653	3948
59 1987 Federal Report Surplus Deficit	2646	2248	1576	433	1641	2007	1422	411	3684	1093	3132	5038	4940	2577
60 1988 Federal Report Surplus Deficit	1967	1424	1661	541	982	961	330	-393	1340	994	2984	4268	4046	3406
61 1989 Federal Report Surplus Deficit	2730	2241	1896	596	1168	1627	801	-105	3321	2855	4645	5049	5196	3169
62 1990 Federal Report Surplus Deficit	2066	1770	1836	653	1858	2298	2232	3817	4388	2664	4694	5036	5846	4179
63 1991 Federal Report Surplus Deficit	3450	3419	1963	371	2659	2762	3481	3612	4102	3626	3873	5179	5659	4438
64 1992 Federal Report Surplus Deficit	3520	3730	1938	536	1362	966	974	681	3988	568	2199	4306	3103	2411
65 1993 Federal Report Surplus Deficit	2172	1723	1414	672	1370	1338	-431	-564	2454	1883	3021	5189	5463	3644
66 1994 Federal Report Surplus Deficit	2873	2513	2528	674	1626	1473	-204	155	2877	903	2907	4377	4788	3138
67 1995 Federal Report Surplus Deficit	2604	1824	1913	615	582	1436	1653	2348	3195	3341	3547	5148	5739	3956
68 1996 Federal Report Surplus Deficit	2534	2400	2649	1752	2647	3608	3598	4172	4189	4339	4714	5268	5750	4504
69 1997 Federal Report Surplus Deficit	3502	3837	2362	692	2016	2623	3667	3885	4077	4028	4415	5195	5931	4571
70 1998 Federal Report Surplus Deficit	3535	4206	3320	2981	2627	1923	1934	2891	3355	1564	4071	5186	5874	4270
71 1999 Federal Report Surplus Deficit	3533	3298	2055	538	1253	2234	3608	3988	4198	3619	4633	5226	5900	4663
72 2000 Federal Report Surplus Deficit	3799	4284	2814	906	2696	2938	2706	3170	4045	4363	4699	5264	4920	4163
73 2001 Federal Report Surplus Deficit	3214	1936	1663	709	1050	1140	583	585	1566	770	2266	3707	940	2823
74 2002 Federal Report Surplus Deficit	2169	1588	1094	-229	528	1337	825	579	1988	2481	4585	5066	5845	4531
75 2003 Federal Report Surplus Deficit	2066	2335	2021	663	1570	1330	53.7	843	4206	2506	3816	4974	5741	2981
76 2004 Federal Report Surplus Deficit	2051	1795	1506	830	2267	1463	1208	125	2896	1970	3413	4911	5038	3225
77 2005 Federal Report Surplus Deficit	1457	1830	2796	1185	1867	2115	1914	2221	2326	1022	2987	4918	5294	3800
78 2006 Federal Report Surplus Deficit	2664	2132	2003	453	1764	1930	2750	3222	4301	4479	4782	5207	5872	4204
79 2007 Federal Report Surplus Deficit	3107	1706	1353	456	1578	1985	2794	2679	4442	3999	3893	5198	5000	4311
80 2008 Federal Report Surplus Deficit	2469	1775	1215	655	2051	1224	1252	1143	2577	2110	2035	5198	5990	4409
Ranked Averages														
81 Bottom 10 pct	1689	1623	1911	755	1543	1685	1899	1802	2953	2064	3576	4913	5213	3799
82 Middle 80 pct	2918	2734	2095	870	1640	1943	2086	2299	3441	2877	3720	4981	5331	3829
83 Top 10 pct	3660	4104	3201	1396	2175	2154	2492	2692	3226	3014	3742	4767	4906	3986

Federal Report Surplus Deficit By Water Year

Operating Year 2023

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	2509	2935	2066	572	973	903	547	428	1244	550	2347	3360	3683	1857
2 1930 Federal Report Surplus Deficit	2509	2265	2382	725	1203	972	-633	682	1078	1553	3446	3375	1079	3781
3 1931 Federal Report Surplus Deficit	2901	2220	1846	706	1415	971	-507	-468	735	408	-1045	4063	1452	3970
4 1932 Federal Report Surplus Deficit	2327	1622	1637	508	515	923	-241	-804	2954	4297	4511	4573	5011	4473
5 1933 Federal Report Surplus Deficit	2632	3526	2515	896	1162	1600	2802	3242	3679	2305	3531	4309	5184	4499
6 1934 Federal Report Surplus Deficit	3471	3893	2354	1515	2593	3406	3590	3921	4132	4129	4538	4430	4441	4026
7 1935 Federal Report Surplus Deficit	2333	1870	1482	845	651	872	2718	2924	3701	970	3575	4272	4137	4466
8 1936 Federal Report Surplus Deficit	3453	2644	1790	523	981	924	-370	425	1421	1617	4387	4607	4891	3868
9 1937 Federal Report Surplus Deficit	2500	2157	1815	378	1342	933	-447	-5.40	891	881	107	3938	3014	2687
10 1938 Federal Report Surplus Deficit	2652	2251	1962	757	319	1520	2418	2716	4148	3850	4483	4540	4650	4463
11 1939 Federal Report Surplus Deficit	2306	1976	2384	911	719	875	1487	1188	1951	2447	4184	4492	2773	3672
12 1940 Federal Report Surplus Deficit	2497	1997	1896	1025	1819	1274	987	614	4554	2812	3760	4437	2953	3377
13 1941 Federal Report Surplus Deficit	1981	1527	1810	630	1210	1187	524	400	1835	423	2179	4001	2911	3907
14 1942 Federal Report Surplus Deficit	2254	2012	2371	618	1724	2124	2005	831	3488	1565	3567	4094	4153	4334
15 1943 Federal Report Surplus Deficit	3141	3063	2831	500	481	1062	2951	3331	4057	4469	4670	4482	5183	4417
16 1944 Federal Report Surplus Deficit	2963	2650	1955	563	1221	867	564	562	807	676	2091	2926	363	3134
17 1945 Federal Report Surplus Deficit	2245	1544	1620	932	1003	852	-370	154	936	654	-808	4541	4705	2491
18 1946 Federal Report Surplus Deficit	2812	1969	1476	572	1332	1510	2010	1649	4196	4166	4586	4578	4506	4426
19 1947 Federal Report Surplus Deficit	3428	3723	2466	461	1806	3084	3399	3742	4072	3594	3973	4588	4628	4457
20 1948 Federal Report Surplus Deficit	3279	3400	2265	2864	2579	2314	3243	3121	3737	2965	4434	4591	5142	4363
21 1949 Federal Report Surplus Deficit	3564	4163	2812	890	1676	1351	1922	1127	4355	3446	4606	4618	4809	2595
22 1950 Federal Report Surplus Deficit	1377	1348	1362	680	664	1376	3221	3678	4115	4341	4400	4410	5198	4588
23 1951 Federal Report Surplus Deficit	3410	3755	2480	1705	2632	3144	3488	4124	4093	4190	4276	4541	4708	4355
24 1952 Federal Report Surplus Deficit	3509	3312	2297	2512	2374	2341	3141	3521	4016	4455	4657	4578	4802	4471
25 1953 Federal Report Surplus Deficit	3265	3257	1378	430	1068	944	866	3069	3677	1626	3499	4591	5207	4453
26 1954 Federal Report Surplus Deficit	3149	3122	2332	808	1923	1878	2795	4046	4167	3116	4014	4600	5054	4549
27 1955 Federal Report Surplus Deficit	3859	4268	3741	955	2408	1860	1152	1299	1467	1321	3101	4448	5190	4590
28 1956 Federal Report Surplus Deficit	3490	3697	2046	1167	2556	3094	3606	4190	3918	3971	4202	4580	5189	4375
29 1957 Federal Report Surplus Deficit	3440	3968	2385	1092	1631	2030	2071	888	4271	4243	3950	4503	5066	4442
30 1958 Federal Report Surplus Deficit	3187	2418	2205	614	1404	1327	2377	2524	3853	2676	4375	4579	4997	4205
31 1959 Federal Report Surplus Deficit	3063	2312	1953	697	2269	2872	3501	3965	4187	3838	3862	4302	5030	4432
32 1960 Federal Report Surplus Deficit	3627	3841	3742	3153	2602	2674	2661	2822	3716	4660	4395	4485	4946	4375
33 1961 Federal Report Surplus Deficit	3223	2523	1934	910	1558	1528	2476	3202	4397	3350	3629	4535	5089	4342
34 1962 Federal Report Surplus Deficit	3185	2868	1888	463	1483	1245	2296	2704	1988	4370	4677	4579	4553	4365
35 1963 Federal Report Surplus Deficit	2992	3109	1614	1301	2406	2667	2716	2777	3416	1621	3307	4521	4682	4353
36 1964 Federal Report Surplus Deficit	3066	2554	2565	582	1295	1503	1438	1554	2117	3547	3157	4545	5158	4468
37 1965 Federal Report Surplus Deficit	3483	3954	3065	1707	2246	3168	3515	4012	3824	2893	4262	4327	4701	4435
38 1966 Federal Report Surplus Deficit	3410	3901	1687	1112	1821	1665	2014	2144	2408	4396	3880	4222	4397	4445
39 1967 Federal Report Surplus Deficit	3193	2694	2136	439	1353	1789	3411	3748	3886	2403	1727	4256	5005	4378
40 1968 Federal Report Surplus Deficit	3416	3661	2437	845	2098	1672	2602	3533	4067	1173	2746	3997	4719	4403
41 1969 Federal Report Surplus Deficit	3432	3907	3225	1773	2570	2365	3476	3718	3843	4070	4412	4605	4970	4449
42 1970 Federal Report Surplus Deficit	3300	3169	2282	788	1764	1132	2260	2438	3237	1824	3156	4492	4996	4115
43 1971 Federal Report Surplus Deficit	2845	2331	1863	481	1275	1495	3537	4025	4297	4237	4330	4570	5164	4395
44 1972 Federal Report Surplus Deficit	3608	4294	2643	1209	1814	1946	3527	3947	4039	4168	4225	4324	5086	4461
45 1973 Federal Report Surplus Deficit	3606	4184	2861	1064	1893	1651	2254	1034	2099	344	2297	4047	2424	3251
46 1974 Federal Report Surplus Deficit	2468	1753	1613	680	1278	2318	3642	4019	3900	3925	4113	4109	5205	4686
47 1975 Federal Report Surplus Deficit	3522	4208	2831	423	1303	1119	2686	2864	3916	1612	3051	4524	5111	4419
48 1976 Federal Report Surplus Deficit	3432	3950	2860	1996	2626	3399	3568	4006	4103	4208	4433	4576	4924	4381
49 1977 Federal Report Surplus Deficit	4001	4317	4086	1199	1486	779	644	800	1160	309	1982	2834	-273	2924
50 1978 Federal Report Surplus Deficit	2229	1679	1072	-70.3	409	2148	2225	2681	2916	4303	3877	4327	4214	4464
51 1979 Federal Report Surplus Deficit	2717	2344	3174	1309	1820	1034	1067	1146	3687	1649	3481	4587	4048	2672
52 1980 Federal Report Surplus Deficit	1850	2008	2075	431	1193	760	1651	625	1970	2066	4187	4567	4776	3975
53 1981 Federal Report Surplus Deficit	2144	1519	2197	818	1530	2612	3135	3490	3824	552	3262	4534	5037	4272
54 1982 Federal Report Surplus Deficit	3624	3979	2505	800	2053	1626	2983	4080	4135	4348	4239	4425	5118	4593

Federal Report Surplus Deficit By Water Year

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3578	4260	3344	1872	2144	2060	3247	3968	4261	3742	4071	4522	4929	4392
56 1984 Federal Report Surplus Deficit	3474	4048	2761	921	2672	2305	2949	3630	4389	4547	4561	4593	5163	4389
57 1985 Federal Report Surplus Deficit	3506	3057	2767	989	2073	1667	1961	1802	2201	3013	4359	4592	4294	1522
58 1986 Federal Report Surplus Deficit	1115	1329	2069	925	2399	1828	2632	3891	4614	4495	4516	4419	4734	4318
59 1987 Federal Report Surplus Deficit	2731	2281	1614	433	1603	1764	1342	361	3456	917	3003	4445	3784	3184
60 1988 Federal Report Surplus Deficit	2065	1365	1705	541	940	747	270	-497	1217	807	2857	3919	2698	3918
61 1989 Federal Report Surplus Deficit	2823	2290	1937	596	1125	1392	735	-184	3095	2765	4499	4442	4061	3720
62 1990 Federal Report Surplus Deficit	2159	1748	1875	654	1818	2048	2124	3708	4264	2571	4549	4429	4997	4439
63 1991 Federal Report Surplus Deficit	3505	3534	2001	372	2589	2508	3330	3517	3890	3555	3729	4543	4764	4279
64 1992 Federal Report Surplus Deficit	3566	3841	1978	536	1322	753	902	642	3771	352	2093	3937	1706	3029
65 1993 Federal Report Surplus Deficit	2269	1725	1456	672	1331	1112	-491	-682	2263	1754	2896	4549	4391	4109
66 1994 Federal Report Surplus Deficit	2958	2576	2560	674	1588	1240	-264	93.4	2658	710	2784	3963	3593	3692
67 1995 Federal Report Surplus Deficit	2699	1830	1950	615	524	1206	1567	2312	2971	3265	3410	4514	4895	4329
68 1996 Federal Report Surplus Deficit	2619	2447	2671	1751	2620	3400	3513	4092	4123	4269	4574	4582	4911	4339
69 1997 Federal Report Surplus Deficit	3540	3935	2390	692	1974	2371	3582	3804	4011	3959	4275	4496	5128	4411
70 1998 Federal Report Surplus Deficit	3573	4281	3329	2979	2559	1683	1840	2834	3127	1423	3928	4490	5065	4464
71 1999 Federal Report Surplus Deficit	3579	3403	2087	539	1211	1987	3510	3907	4132	3548	4488	4577	5066	4497
72 2000 Federal Report Surplus Deficit	3870	4362	2838	906	2634	2684	2581	3103	3822	4298	4552	4598	3695	4420
73 2001 Federal Report Surplus Deficit	3289	1937	1706	709	1006	917	518	544	1420	577	2160	3519	-469	3418
74 2002 Federal Report Surplus Deficit	2267	1551	1139	-228	467	1112	759	537	1817	2380	4440	4461	5034	4439
75 2003 Federal Report Surplus Deficit	2160	2375	2061	663	1533	1104	-5.24	808	3991	2407	3674	4371	4833	3561
76 2004 Federal Report Surplus Deficit	2147	1772	1549	829	2213	1234	1134	59.9	2677	1848	3278	4352	3895	3774
77 2005 Federal Report Surplus Deficit	1545	1829	2822	1185	1828	1870	1812	2182	2129	854	2858	4298	4196	4242
78 2006 Federal Report Surplus Deficit	2756	2144	2039	453	1726	1688	2623	3156	4105	4414	4635	4520	5055	4496
79 2007 Federal Report Surplus Deficit	3187	1663	1396	456	1540	1743	2664	2628	4378	3932	3750	4555	3811	4511
80 2008 Federal Report Surplus Deficit	2557	1743	1258	655	2007	1002	1177	1114	2375	1995	1940	4530	5185	4552
Ranked Averages														
81 Bottom 10 pct	1778	1587	1949	755	1497	1452	1797	1729	2798	1923	3442	4312	4181	4124
82 Middle 80 pct	2991	2806	2148	890	1608	1708	1983	2234	3295	2775	3584	4374	4357	4042
83 Top 10 pct	3722	4081	3063	1228	2013	1901	2414	2624	3071	2874	3660	4217	3907	4139

Federal Report Surplus Deficit By Water Year

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	2441	2931	2016	604	1241	1009	757	650	1438	680	2402	3587	4596	1286
2 1930 Federal Report Surplus Deficit	2441	2291	2329	758	1476	1076	-418	903	1263	1729	3541	3619	2272	3297
3 1931 Federal Report Surplus Deficit	2849	2242	1794	739	1673	1083	-295	-241	897	523	-1109	4492	2598	3529
4 1932 Federal Report Surplus Deficit	2251	1683	1595	540	765	1031	-30.1	-589	3201	4362	4658	5226	5814	4335
5 1933 Federal Report Surplus Deficit	2567	3506	2461	929	1436	1731	3038	3555	3931	2470	3628	5021	5994	4686
6 1934 Federal Report Surplus Deficit	3425	3866	2301	1551	2909	3604	3841	4315	4324	4282	4686	5038	5252	3624
7 1935 Federal Report Surplus Deficit	2257	1908	1436	879	893	970	2952	3218	3953	1133	3677	4780	4993	4353
8 1936 Federal Report Surplus Deficit	3416	2654	1748	555	1253	1031	-158	646	1623	1793	4523	5240	5694	3413
9 1937 Federal Report Surplus Deficit	2430	2189	1770	409	1608	1043	-236	216	1064	1028	77.4	4319	4009	2116
10 1938 Federal Report Surplus Deficit	2593	2273	1913	790	494	1646	2647	3000	4339	3943	4650	5191	5463	4295
11 1939 Federal Report Surplus Deficit	2227	2020	2331	945	972	974	1703	1420	2166	2612	4307	5047	3760	3172
12 1940 Federal Report Surplus Deficit	2435	2027	1845	1059	2019	1394	1200	836	4745	2958	3871	4973	3929	2844
13 1941 Federal Report Surplus Deficit	1886	1592	1760	663	1483	1299	734	622	2056	547	2231	4465	3881	3467
14 1942 Federal Report Surplus Deficit	2179	2047	2318	651	1947	2280	2228	1056	3741	1741	3670	4591	4989	4367
15 1943 Federal Report Surplus Deficit	3101	3051	2783	531	699	1168	3187	3632	4307	4622	4819	5076	5997	4604
16 1944 Federal Report Surplus Deficit	2915	2656	1908	594	1495	970	774	785	978	822	2139	3041	1644	2582
17 1945 Federal Report Surplus Deficit	2170	1603	1571	965	1276	962	-157	376	1108	784	-868	5106	5511	1917
18 1946 Federal Report Surplus Deficit	2754	2014	1443	604	1605	1636	2233	1892	4387	4232	4753	5218	5331	4474
19 1947 Federal Report Surplus Deficit	3391	3698	2412	492	2032	3284	3638	4076	4263	3702	4089	5214	5435	4375
20 1948 Federal Report Surplus Deficit	3242	3382	2212	2907	2566	2480	3482	3422	3989	3104	4574	5273	5955	4511
21 1949 Federal Report Surplus Deficit	3507	4133	2760	923	1919	1471	2146	1356	4547	3563	4753	5269	5613	2025
22 1950 Federal Report Surplus Deficit	1257	1429	1330	712	905	1500	3460	4004	4306	4449	4533	5218	6013	4766
23 1951 Federal Report Surplus Deficit	3371	3730	2427	1742	2647	3346	3738	4436	4285	4344	4443	5172	5516	4507
24 1952 Federal Report Surplus Deficit	3471	3297	2244	2553	2435	2507	3380	3831	4267	4525	4823	5263	5607	4338
25 1953 Federal Report Surplus Deficit	3228	3242	1346	462	1341	1051	1076	3358	3930	1803	3594	5193	6023	4449
26 1954 Federal Report Surplus Deficit	3105	3111	2280	841	2122	2021	3029	4388	4358	3252	4133	5218	5860	4718
27 1955 Federal Report Surplus Deficit	3787	4233	3716	989	2443	2008	1365	1535	1670	1494	3183	4988	6002	4767
28 1956 Federal Report Surplus Deficit	3437	3672	1996	1201	2546	3295	3841	4502	4109	4125	4369	5261	6002	4541
29 1957 Federal Report Surplus Deficit	3399	3941	2331	1126	1880	2180	2297	1114	4517	4313	4066	5215	5887	4232
30 1958 Federal Report Surplus Deficit	3145	2437	2153	646	1669	1444	2605	2790	4103	2827	4511	5254	5801	3826
31 1959 Federal Report Surplus Deficit	3019	2334	1904	729	2372	3063	3738	4316	4378	3921	3973	4993	5838	4618
32 1960 Federal Report Surplus Deficit	3575	3815	3708	3197	2962	2864	2897	3111	3969	4804	4530	5032	5748	4237
33 1961 Federal Report Surplus Deficit	3183	2538	1887	943	1815	1656	2708	3498	4589	3466	3732	5170	5901	4114
34 1962 Federal Report Surplus Deficit	3143	2867	1838	494	1745	1359	2523	2987	2212	4433	4829	5195	5373	4066
35 1963 Federal Report Surplus Deficit	2948	3099	1576	1336	2444	2849	2952	3056	3669	1797	3397	5082	5491	4145
36 1964 Federal Report Surplus Deficit	3024	2560	2512	614	1567	1629	1653	1794	2344	3649	3240	5133	5967	4652
37 1965 Federal Report Surplus Deficit	3436	3925	3019	1744	2346	3371	3765	4324	4016	3040	4429	5181	5504	4245
38 1966 Federal Report Surplus Deficit	3370	3873	1640	1146	2025	1804	2237	2405	2643	4459	3995	4691	5224	4346
39 1967 Federal Report Surplus Deficit	3153	2700	2083	471	1624	1927	3650	4062	4078	2565	1758	4889	5815	4562
40 1968 Federal Report Surplus Deficit	3379	3637	2383	879	2250	1810	2834	3851	4312	1344	2817	4406	5522	4417
41 1969 Federal Report Surplus Deficit	3395	3878	3194	1811	2558	2532	3727	4031	4034	4224	4579	5273	5773	4391
42 1970 Federal Report Surplus Deficit	3263	3158	2230	820	1993	1241	2486	2708	3490	2001	3239	5082	5801	3703
43 1971 Federal Report Surplus Deficit	2790	2354	1815	513	1548	1621	3788	4336	4489	4307	4497	5238	5975	4527
44 1972 Federal Report Surplus Deficit	3562	4261	2589	1243	2041	2090	3769	4259	4231	4320	4350	5211	5894	4647
45 1973 Federal Report Surplus Deficit	3545	4150	2810	1098	2092	1782	2480	1263	2327	460	2353	4469	3455	2707
46 1974 Federal Report Surplus Deficit	2398	1799	1564	713	1551	2482	3893	4331	4092	4079	4280	4996	6031	4844
47 1975 Federal Report Surplus Deficit	3470	4173	2779	455	1575	1226	2918	3151	4168	1789	3130	5193	5923	4607
48 1976 Federal Report Surplus Deficit	3393	3921	2809	2034	2639	3606	3804	4354	4295	4362	4600	5259	5726	4562
49 1977 Federal Report Surplus Deficit	3925	4283	4024	1233	1744	886	855	1027	1352	424	2024	2950	1088	2362
50 1978 Federal Report Surplus Deficit	2154	1729	1040	-40.4	619	2305	2451	2962	3164	4367	3995	5005	5046	4346
51 1979 Federal Report Surplus Deficit	2660	2363	3141	1344	2036	1139	1279	1375	3940	1826	3576	5191	4911	2101
52 1980 Federal Report Surplus Deficit	1752	2047	2025	462	1467	853	1868	848	2193	2238	4320	5247	5579	3526
53 1981 Federal Report Surplus Deficit	2065	1580	2143	851	1782	2791	3375	3813	4074	687	3353	5119	5854	4404
54 1982 Federal Report Surplus Deficit	3574	3951	2452	833	2212	1757	3220	4391	4327	4437	4366	5155	5933	4750

Federal Report Surplus Deficit By Water Year

Operating Year 2024

2015 White Book Report Date: 6/30/2015 *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3533	4228	3308	1909	2288	2210	3486	4302	4453	3840	4190	5139	5732	4500
56 1984 Federal Report Surplus Deficit	3428	4018	2709	954	2730	2467	3185	3948	4632	4610	4709	5213	5973	4488
57 1985 Federal Report Surplus Deficit	3469	3051	2714	1022	2244	1800	2184	2050	2432	3152	4496	5217	5136	961
58 1986 Federal Report Surplus Deficit	981	1409	2019	958	2450	1970	2863	4219	4806	4561	4664	4990	5539	3992
59 1987 Federal Report Surplus Deficit	2671	2307	1570	464	1859	1902	1556	582	3709	1072	3081	4995	4656	2637
60 1988 Federal Report Surplus Deficit	1980	1439	1661	574	1213	840	479	-269	1408	952	2932	4301	3724	3458
61 1989 Federal Report Surplus Deficit	2768	2313	1890	628	1399	1513	945	39.2	3344	2919	4645	5003	4924	3224
62 1990 Federal Report Surplus Deficit	2079	1803	1829	686	2023	2205	2349	4044	4504	2729	4693	4990	5799	4220
63 1991 Federal Report Surplus Deficit	3467	3514	1953	403	2611	2684	3569	3841	4140	3655	3839	5130	5567	4462
64 1992 Federal Report Surplus Deficit	3520	3815	1930	568	1594	848	1114	865	4022	467	2141	4333	2818	2473
65 1993 Federal Report Surplus Deficit	2192	1771	1411	705	1599	1222	-276	-451	2490	1931	2968	5139	5230	3693
66 1994 Federal Report Surplus Deficit	2907	2589	2506	707	1831	1359	-52.6	314	2902	850	2854	4387	4486	3193
67 1995 Federal Report Surplus Deficit	2637	1874	1897	648	757	1320	1784	2570	3218	3389	3503	5099	5698	4001
68 1996 Federal Report Surplus Deficit	2554	2466	2617	1788	3126	3595	3763	4404	4315	4423	4740	5232	5715	4526
69 1997 Federal Report Surplus Deficit	3497	3907	2337	724	2167	2536	3832	4116	4203	4113	4441	5172	5944	4591
70 1998 Federal Report Surplus Deficit	3528	4247	3294	3023	2548	1815	2060	3120	3378	1598	4039	5161	5875	4308
71 1999 Federal Report Surplus Deficit	3541	3388	2037	570	1485	2135	3747	4219	4324	3651	4626	5177	5870	4685
72 2000 Federal Report Surplus Deficit	3803	4328	2787	939	2751	2865	2813	3400	4075	4363	4702	5220	4606	4203
73 2001 Federal Report Surplus Deficit	3250	1983	1663	742	1279	1023	728	767	1623	716	2208	3795	931	2882
74 2002 Federal Report Surplus Deficit	2189	1615	1107	-199	688	1220	969	760	2033	2547	4582	5021	5843	4559
75 2003 Federal Report Surplus Deficit	2071	2402	2012	696	1782	1213	204	1033	4241	2572	3779	4929	5638	3038
76 2004 Federal Report Surplus Deficit	2059	1830	1508	863	2283	1348	1346	281	2921	2025	3367	4877	4762	3279
77 2005 Federal Report Surplus Deficit	1436	1875	2775	1219	2041	2014	2035	2445	2360	1015	2937	4870	5044	3848
78 2006 Federal Report Surplus Deficit	2692	2184	1991	485	1957	1823	2855	3451	4349	4476	4785	5176	5862	4245
79 2007 Federal Report Surplus Deficit	3143	1728	1363	488	1798	1880	2897	2907	4569	4016	3859	5149	4701	4350
80 2008 Federal Report Surplus Deficit	2488	1801	1225	688	2160	1107	1390	1344	2609	2170	1976	5154	5998	4445
Ranked Averages														
81 Bottom 10 pct	1677	1650	1903	788	1703	1577	2020	1995	3016	2059	3542	4886	5049	3842
82 Middle 80 pct	2938	2815	2101	924	1814	1845	2210	2508	3514	2909	3693	4958	5217	3867
83 Top 10 pct	3664	4051	3015	1263	2216	2048	2643	2901	3284	2994	3767	4775	4824	4045

Federal Report Surplus Deficit By Water Year

Operating Year 2025

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	2571	2864	2079	601	987	946	715	402	1327	643	2355	3283	3547	2084
2 1930 Federal Report Surplus Deficit	2571	2232	2161	768	1201	1024	-434	656	1150	1670	3485	3296	1080	4071
3 1931 Federal Report Surplus Deficit	2952	2183	1705	755	1406	992	-311	-422	782	498	-1138	3970	1430	4255
4 1932 Federal Report Surplus Deficit	2398	1628	1923	549	544	961	-49.2	-718	3099	4319	4595	4576	4856	4669
5 1933 Federal Report Surplus Deficit	2691	3430	2220	947	1166	1579	2937	3218	3833	2409	3572	4396	5048	4549
6 1934 Federal Report Surplus Deficit	3542	3784	2134	1577	2660	3423	3750	3937	4501	4480	4624	4398	4269	4304
7 1935 Federal Report Surplus Deficit	2406	1851	1632	901	687	949	2853	2885	3855	1081	3619	4188	3977	4652
8 1936 Federal Report Surplus Deficit	3544	2592	2108	552	989	965	-173	400	1513	1732	4460	4596	4727	4155
9 1937 Federal Report Surplus Deficit	2563	2131	2015	392	1335	961	-255	-4.12	950	984	44.2	3846	2918	2954
10 1938 Federal Report Surplus Deficit	2705	2214	1991	802	393	1506	2556	2669	4375	3898	4766	4550	4478	4670
11 1939 Federal Report Surplus Deficit	2386	1964	2155	963	746	949	1638	1134	2058	2551	4245	4423	2673	3962
12 1940 Federal Report Surplus Deficit	2552	1969	1805	1084	1811	1272	1144	585	4785	2901	3811	4361	2848	3665
13 1941 Federal Report Surplus Deficit	2091	1537	1767	677	1208	1205	695	375	1948	513	2184	3911	2803	4192
14 1942 Federal Report Surplus Deficit	2325	1989	2016	667	1713	2091	2148	788	3643	1681	3612	4008	3985	4461
15 1943 Federal Report Surplus Deficit	3206	2981	2452	527	532	1104	3085	3297	4210	4769	4758	4438	5054	4467
16 1944 Federal Report Surplus Deficit	3016	2593	2090	586	1222	924	731	530	864	778	2094	2877	408	3417
17 1945 Federal Report Surplus Deficit	2315	1547	1681	986	1011	878	-172	163	994	747	-897	4477	4536	2750
18 1946 Federal Report Surplus Deficit	2865	1958	2134	601	1329	1496	2154	1589	4466	4189	4721	4572	4336	4546
19 1947 Federal Report Surplus Deficit	3518	3617	2178	478	1795	3120	3530	3740	4415	3653	4029	4571	4456	4632
20 1948 Federal Report Surplus Deficit	3363	3308	2104	2833	2643	2286	3375	3088	3891	3048	4511	4607	5012	4438
21 1949 Federal Report Surplus Deficit	3556	4050	2428	941	1665	1352	2064	1076	4710	3512	4690	4619	4639	2861
22 1950 Federal Report Surplus Deficit	1555	1383	2021	719	701	1364	3353	3667	4456	4406	4469	4576	5069	4638
23 1951 Federal Report Surplus Deficit	3503	3650	2202	1764	2707	3183	3802	4242	4446	4542	4545	4528	4537	4427
24 1952 Federal Report Surplus Deficit	3601	3224	2118	2514	2396	2314	3274	3495	4169	4481	4806	4595	4633	4665
25 1953 Federal Report Surplus Deficit	3348	3170	2024	447	1072	982	1031	3026	3832	1742	3538	4554	5083	4596
26 1954 Federal Report Surplus Deficit	3205	3042	2141	855	1915	1846	2930	4053	4523	3197	4072	4576	4909	4601
27 1955 Federal Report Surplus Deficit	3665	4174	4043	1008	2440	1826	1309	1243	1560	1437	3130	4373	5057	4640
28 1956 Federal Report Surplus Deficit	3518	3592	2044	1225	2613	3131	3738	4249	4251	4280	4612	4595	5058	4440
29 1957 Federal Report Surplus Deficit	3529	3857	2161	1150	1620	1996	2211	846	4421	4270	4006	4526	4951	4663
30 1958 Federal Report Surplus Deficit	3247	2377	2076	646	1396	1332	2516	2468	4006	2768	4447	4593	4845	4477
31 1959 Federal Report Surplus Deficit	3118	2275	1989	735	2279	2884	3632	3981	4549	3877	3914	4352	4890	4481
32 1960 Federal Report Surplus Deficit	3662	3733	4065	3124	2665	2683	2795	2779	3871	4712	4467	4413	4785	4572
33 1961 Federal Report Surplus Deficit	3286	2477	2016	963	1548	1511	2613	3164	4759	3416	3674	4525	4956	4569
34 1962 Federal Report Surplus Deficit	3245	2802	1887	486	1475	1259	2436	2657	2105	4388	4770	4554	4382	4615
35 1963 Federal Report Surplus Deficit	3048	3029	2075	1362	2436	2661	2849	2727	3570	1737	3342	4456	4511	4574
36 1964 Federal Report Surplus Deficit	3125	2497	2246	613	1292	1488	1590	1494	2238	3601	3187	4496	5018	4517
37 1965 Federal Report Surplus Deficit	3551	3841	2711	1763	2257	3213	3832	4125	4162	2984	4594	4528	4538	4650
38 1966 Federal Report Surplus Deficit	3502	3789	1826	1171	1813	1635	2158	2086	2539	4413	3934	4132	4227	4626
39 1967 Federal Report Surplus Deficit	3257	2637	2007	470	1348	1759	3543	3847	4232	2505	1715	4269	4867	4431
40 1968 Federal Report Surplus Deficit	3503	3558	2142	897	2097	1642	2739	3514	4216	1288	2767	3904	4557	4538
41 1969 Federal Report Surplus Deficit	3525	3793	3119	1822	2632	2339	3788	3833	4186	4346	4656	4616	4807	4614
42 1970 Federal Report Surplus Deficit	3374	3088	2149	828	1753	1160	2400	2384	3390	1940	3186	4445	4846	4394
43 1971 Federal Report Surplus Deficit	2896	2294	1938	511	1274	1482	3773	4096	4655	4264	4549	4580	5028	4477
44 1972 Federal Report Surplus Deficit	3681	4184	2309	1268	1804	1912	3663	4058	4377	4519	4288	4593	4945	4510
45 1973 Federal Report Surplus Deficit	3557	4084	2474	1121	1885	1630	2394	984	2221	434	2305	3954	2345	3537
46 1974 Federal Report Surplus Deficit	2532	1743	1676	726	1278	2289	3811	4065	4230	4251	4520	4420	5090	4742
47 1975 Federal Report Surplus Deficit	3556	4102	2457	441	1300	1157	2822	2820	4070	1728	3077	4552	4978	4469
48 1976 Federal Report Surplus Deficit	3525	3837	2473	2043	2701	3462	3700	4020	4459	4500	4576	4593	4762	4437
49 1977 Federal Report Surplus Deficit	3728	4223	4239	1259	1476	818	808	754	1240	394	1979	2785	-189	3201
50 1978 Federal Report Surplus Deficit	2300	1673	1731	-97.4	466	2115	2365	2633	3062	4324	3934	4362	4046	4652
51 1979 Federal Report Surplus Deficit	2770	2303	3027	1371	1810	1078	1225	1096	3841	1766	3521	4551	3891	2939
52 1980 Federal Report Surplus Deficit	1968	1990	2063	452	1192	861	1800	592	2086	2177	4257	4582	4619	4262
53 1981 Federal Report Surplus Deficit	2223	1525	1974	867	1520	2601	3267	3476	3977	648	3298	4483	4916	4354
54 1982 Federal Report Surplus Deficit	3674	3868	2209	843	2051	1603	3117	4191	4473	4393	4303	4508	4991	4649

Federal Report Surplus Deficit By Water Year

Operating Year 2025

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3658	4148	3135	1925	2145	2025	3380	3965	4602	3793	4129	4497	4770	4486
56 1984 Federal Report Surplus Deficit	3544	3934	2386	971	2752	2275	3083	3611	4535	4564	4648	4571	5027	4487
57 1985 Federal Report Surplus Deficit	3598	2984	2391	1039	2069	1642	2104	1742	2327	3097	4432	4574	4128	1718
58 1986 Federal Report Surplus Deficit	1319	1363	2042	972	2424	1795	2769	3882	4892	4511	4602	4359	4564	4577
59 1987 Federal Report Surplus Deficit	2786	2249	1834	452	1594	1735	1495	342	3611	1024	3029	4374	3631	3469
60 1988 Federal Report Surplus Deficit	2155	1385	1932	580	945	849	448	-447	1296	909	2880	3828	2617	4206
61 1989 Federal Report Surplus Deficit	2874	2254	2026	631	1131	1387	902	-165	3243	2860	4582	4377	3903	4011
62 1990 Federal Report Surplus Deficit	2239	1748	2035	691	1809	2015	2265	3708	4409	2669	4630	4364	4839	4664
63 1991 Federal Report Surplus Deficit	3597	3437	2039	387	2666	2492	3462	3504	4043	3608	3779	4494	4597	4334
64 1992 Federal Report Surplus Deficit	3638	3733	2031	566	1318	853	1062	606	3924	442	2095	3845	1668	3310
65 1993 Federal Report Surplus Deficit	2344	1715	1652	721	1325	1140	-292	-614	2385	1871	2917	4502	4224	4390
66 1994 Federal Report Surplus Deficit	3009	2528	2299	714	1577	1240	-70.6	89.2	2800	809	2803	3871	3448	3982
67 1995 Federal Report Surplus Deficit	2753	1818	1782	660	567	1221	1718	2253	3117	3337	3447	4463	4738	4588
68 1996 Federal Report Surplus Deficit	2676	2406	2338	1808	2668	3420	3820	4208	4474	4380	4788	4585	4756	4389
69 1997 Federal Report Surplus Deficit	3624	3824	2176	731	1967	2343	3866	3917	4348	4308	4699	4510	5003	4460
70 1998 Federal Report Surplus Deficit	3651	4171	3127	2938	2616	1659	1986	2789	3277	1539	3979	4502	4928	4667
71 1999 Federal Report Surplus Deficit	3672	3315	2086	563	1213	1953	3642	4019	4473	3603	4562	4539	4914	4547
72 2000 Federal Report Surplus Deficit	3753	4253	2452	957	2713	2676	2718	3066	3977	4320	4640	4578	3559	4644
73 2001 Federal Report Surplus Deficit	3356	1928	1987	749	1014	961	684	512	1513	675	2162	3436	-355	3705
74 2002 Federal Report Surplus Deficit	2343	1560	1798	-264	516	1145	925	505	1926	2486	4519	4395	4894	4527
75 2003 Federal Report Surplus Deficit	2259	2344	2092	708	1522	1133	180	766	4144	2511	3721	4304	4665	3851
76 2004 Federal Report Surplus Deficit	2243	1775	1895	884	2232	1247	1291	60.8	2819	1963	3312	4272	3739	4065
77 2005 Federal Report Surplus Deficit	1692	1819	2448	1245	1818	1837	1955	2125	2255	964	2885	4239	4033	4518
78 2006 Federal Report Surplus Deficit	2813	2127	2108	484	1715	1661	2759	3118	4253	4431	4724	4524	4912	4731
79 2007 Federal Report Surplus Deficit	3243	1673	2037	479	1530	1714	2800	2579	4600	3972	3800	4511	3665	4716
80 2008 Federal Report Surplus Deficit	2620	1746	1916	702	2006	1051	1334	1061	2505	2108	1932	4512	5054	4737
Ranked Averages														
81 Bottom 10 pct	1905	1594	2035	776	1452	1566	2069	2172	3165	2100	3651	4293	4182	4426
82 Middle 80 pct	3057	2747	2119	917	1625	1698	2118	2122	3428	2821	3618	4343	4167	4201
83 Top 10 pct	3687	3987	3067	1368	2063	1937	2679	3009	3572	3396	3937	4286	4104	4406

Federal Report Surplus Deficit By Water Year

Operating Year 2026

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Federal Report Surplus Deficit	2472	2845	1796	569	1258	600	717	365	1392	662	2392	3572	4311	1360
2 1930 Federal Report Surplus Deficit	2472	2261	2048	723	1493	667	-458	619	1217	1712	3531	3604	1988	3371
3 1931 Federal Report Surplus Deficit	2858	2207	1533	704	1690	675	-334	-525	851	505	-1118	4477	2314	3603
4 1932 Federal Report Surplus Deficit	2297	1726	1451	506	782	622	-69.4	-873	3155	4344	4648	5211	5530	4409
5 1933 Federal Report Surplus Deficit	2592	3398	2164	895	1453	1322	2998	3270	3885	2452	3618	5006	5710	4760
6 1934 Federal Report Surplus Deficit	3453	3759	2021	1517	2926	3195	3802	4031	4559	4534	4676	5023	4967	3698
7 1935 Federal Report Surplus Deficit	2304	1905	1254	844	910	562	2913	2934	3907	1115	3667	4765	4709	4427
8 1936 Federal Report Surplus Deficit	3454	2594	1614	520	1270	622	-197	362	1577	1776	4514	5225	5410	3487
9 1937 Federal Report Surplus Deficit	2464	2172	1602	374	1625	634	-275	-68.3	1019	1010	67.7	4304	3725	2190
10 1938 Federal Report Surplus Deficit	2609	2237	1697	755	511	1238	2608	2715	4426	3925	4818	5176	5178	4369
11 1939 Federal Report Surplus Deficit	2283	2028	2048	910	989	565	1664	1136	2120	2594	4297	5032	3476	3246
12 1940 Federal Report Surplus Deficit	2455	2007	1597	1024	2036	985	1160	551	4833	2941	3861	4958	3645	2918
13 1941 Federal Report Surplus Deficit	1983	1643	1524	629	1500	891	694	338	2010	529	2221	4450	3597	3541
14 1942 Federal Report Surplus Deficit	2224	2035	2011	616	1964	1871	2189	772	3695	1723	3661	4576	4704	4441
15 1943 Federal Report Surplus Deficit	3115	2954	2492	497	716	759	3148	3348	4261	4818	4810	5061	5713	4679
16 1944 Federal Report Surplus Deficit	2922	2589	1722	560	1512	562	735	501	933	804	2130	3026	1360	2656
17 1945 Federal Report Surplus Deficit	2214	1642	1364	930	1293	553	-197	91.7	1063	766	-878	5091	5226	1991
18 1946 Federal Report Surplus Deficit	2769	2025	1409	569	1622	1228	2193	1608	4517	4215	4771	5203	5047	4548
19 1947 Federal Report Surplus Deficit	3428	3588	2117	457	2049	2876	3598	3792	4473	3684	4080	5199	5151	4449
20 1948 Federal Report Surplus Deficit	3273	3276	1946	2872	2583	2071	3443	3138	3944	3086	4565	5258	5671	4585
21 1949 Federal Report Surplus Deficit	3467	4038	2455	888	1936	1062	2107	1072	4768	3545	4743	5254	5329	2099
22 1950 Federal Report Surplus Deficit	1439	1520	1296	678	922	1092	3421	3720	4513	4431	4523	5203	5728	4840
23 1951 Federal Report Surplus Deficit	3413	3621	2133	1707	2664	2937	3855	4301	4504	4605	4599	5157	5231	4581
24 1952 Federal Report Surplus Deficit	3511	3195	1974	2519	2452	2098	3341	3547	4221	4507	4855	5248	5323	4413
25 1953 Federal Report Surplus Deficit	3258	3141	1308	427	1358	642	1037	3074	3884	1785	3584	5178	5739	4523
26 1954 Federal Report Surplus Deficit	3113	3016	2006	806	2139	1612	2990	4104	4581	3234	4123	5203	5576	4792
27 1955 Federal Report Surplus Deficit	3579	4144	3698	954	2460	1600	1326	1250	1625	1476	3173	4973	5718	4841
28 1956 Federal Report Surplus Deficit	3429	3562	1772	1167	2563	2886	3801	4344	4309	4305	4680	5246	5717	4615
29 1957 Federal Report Surplus Deficit	3440	3836	2050	1092	1897	1771	2258	829	4472	4295	4057	5200	5602	4306
30 1958 Federal Report Surplus Deficit	3156	2393	1895	611	1686	1035	2566	2505	4057	2809	4501	5239	5517	3901
31 1959 Federal Report Surplus Deficit	3026	2298	1690	694	2389	2654	3699	4032	4607	3903	3964	4978	5554	4692
32 1960 Federal Report Surplus Deficit	3573	3706	3686	3163	2979	2455	2857	2827	3923	4786	4521	5017	5464	4311
33 1961 Federal Report Surplus Deficit	3195	2486	1685	909	1832	1247	2668	3213	4816	3449	3722	5155	5617	4189
34 1962 Federal Report Surplus Deficit	3154	2788	1614	460	1762	950	2484	2702	2166	4415	4819	5180	5088	4140
35 1963 Federal Report Surplus Deficit	2957	3004	1484	1301	2461	2440	2913	2771	3624	1780	3388	5067	5207	4219
36 1964 Federal Report Surplus Deficit	3034	2494	2210	579	1584	1220	1614	1510	2299	3631	3231	5118	5682	4726
37 1965 Federal Report Surplus Deficit	3462	3823	2745	1709	2363	2962	3884	4184	4220	3023	4643	5166	5219	4319
38 1966 Federal Report Surplus Deficit	3413	3769	1455	1111	2042	1395	2198	2120	2598	4441	3985	4676	4939	4420
39 1967 Federal Report Surplus Deficit	3166	2632	1826	436	1640	1519	3611	3899	4290	2547	1748	4874	5531	4637
40 1968 Federal Report Surplus Deficit	3413	3528	2086	844	2267	1401	2795	3566	4267	1327	2807	4391	5237	4492
41 1969 Federal Report Surplus Deficit	3435	3777	3029	1776	2575	2124	3840	3892	4244	4372	4706	5258	5488	4465
42 1970 Federal Report Surplus Deficit	3284	3062	1971	786	2010	833	2447	2424	3444	1984	3230	5067	5517	3777
43 1971 Federal Report Surplus Deficit	2801	2318	1611	478	1565	1212	3835	4190	4713	4289	4602	5223	5690	4602
44 1972 Federal Report Surplus Deficit	3592	4173	2286	1208	2058	1682	3730	4117	4434	4581	4341	5235	5610	4721
45 1973 Federal Report Surplus Deficit	3469	4060	2506	1064	2109	1373	2441	979	2281	442	2343	4454	3170	2781
46 1974 Federal Report Surplus Deficit	2432	1813	1358	678	1568	2074	3863	4159	4288	4314	4588	5216	5746	4918
47 1975 Federal Report Surplus Deficit	3466	4084	2471	420	1592	817	2879	2867	4122	1772	3120	5178	5639	4681
48 1976 Federal Report Surplus Deficit	3436	3818	2506	1999	2656	3197	3764	4070	4516	4531	4629	5244	5442	4636
49 1977 Federal Report Surplus Deficit	3644	4193	3912	1199	1761	477	816	743	1306	406	2014	2935	804	2436
50 1978 Federal Report Surplus Deficit	2199	1750	1006	-75.0	636	1896	2412	2678	3118	4350	3985	4990	4762	4420
51 1979 Federal Report Surplus Deficit	2674	2320	2960	1309	2053	731	1240	1091	3894	1808	3567	5176	4627	2175
52 1980 Federal Report Surplus Deficit	1859	2046	1797	428	1484	444	1829	564	2148	2221	4311	5232	5294	3600
53 1981 Federal Report Surplus Deficit	2121	1624	1862	817	1799	2382	3335	3528	4029	669	3343	5104	5570	4478
54 1982 Federal Report Surplus Deficit	3584	3846	2155	798	2229	1348	3181	4249	4531	4419	4356	5140	5648	4824

Federal Report Surplus Deficit By Water Year

Operating Year 2026

2015 White Book Report Date: 6/30/2015 *Continued*

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Federal Report Surplus Deficit	3568	4138	3101	1875	2305	1801	3447	4017	4659	3822	4180	5124	5447	4574
56 1984 Federal Report Surplus Deficit	3454	3921	2401	919	2747	2058	3145	3664	4586	4593	4700	5198	5689	4562
57 1985 Federal Report Surplus Deficit	3508	2963	2407	988	2261	1391	2145	1766	2387	3134	4486	5202	4852	1036
58 1986 Federal Report Surplus Deficit	1203	1501	1788	923	2467	1561	2824	3934	4939	4543	4654	4975	5255	4066
59 1987 Federal Report Surplus Deficit	2689	2279	1407	430	1876	1493	1517	298	3664	1054	3072	4980	4372	2712
60 1988 Federal Report Surplus Deficit	2051	1512	1500	539	1230	432	440	-553	1362	935	2922	4286	3440	3532
61 1989 Federal Report Surplus Deficit	2779	2279	1690	594	1416	1105	906	-245	3298	2901	4635	4988	4640	3298
62 1990 Federal Report Surplus Deficit	2136	1835	1649	651	2040	1797	2310	3760	4459	2711	4684	4975	5515	4294
63 1991 Federal Report Surplus Deficit	3507	3405	1739	369	2628	2275	3530	3556	4094	3637	3829	5115	5283	4536
64 1992 Federal Report Surplus Deficit	3549	3706	1720	534	1611	439	1075	581	3976	449	2131	4318	2534	2547
65 1993 Federal Report Surplus Deficit	2242	1783	1242	670	1616	813	-316	-735	2445	1914	2959	5124	4945	3767
66 1994 Federal Report Surplus Deficit	2916	2537	2217	672	1848	951	-91.9	30.2	2857	832	2844	4372	4202	3267
67 1995 Federal Report Surplus Deficit	2656	1881	1629	613	773	911	1745	2286	3173	3371	3493	5084	5414	4075
68 1996 Federal Report Surplus Deficit	2578	2423	2314	1753	3143	3186	3872	4267	4532	4405	4837	5217	5430	4600
69 1997 Federal Report Surplus Deficit	3534	3801	2058	690	2184	2127	3918	3976	4406	4371	4767	5157	5659	4665
70 1998 Federal Report Surplus Deficit	3561	4160	3090	2988	2565	1407	2021	2836	3332	1581	4029	5146	5591	4382
71 1999 Federal Report Surplus Deficit	3583	3285	1813	536	1501	1726	3708	4078	4531	3633	4616	5162	5586	4759
72 2000 Federal Report Surplus Deficit	3666	4241	2483	905	2768	2456	2774	3115	4029	4345	4692	5205	4322	4277
73 2001 Federal Report Surplus Deficit	3265	1997	1518	707	1296	614	688	483	1577	699	2198	3780	646	2956
74 2002 Federal Report Surplus Deficit	2240	1666	1073	-234	705	812	930	476	1988	2529	4573	5006	5558	4633
75 2003 Federal Report Surplus Deficit	2153	2375	1797	662	1799	804	165	749	4195	2554	3770	4914	5353	3112
76 2004 Federal Report Surplus Deficit	2138	1867	1382	828	2300	939	1307	-3.02	2876	2007	3357	4862	4478	3353
77 2005 Federal Report Surplus Deficit	1580	1889	2487	1185	2058	1605	1996	2161	2314	998	2927	4855	4760	3922
78 2006 Federal Report Surplus Deficit	2715	2183	1786	451	1974	1414	2816	3167	4303	4458	4775	5161	5578	4319
79 2007 Federal Report Surplus Deficit	3151	1781	1324	453	1815	1471	2858	2623	4650	3999	3849	5134	4417	4424
80 2008 Federal Report Surplus Deficit	2520	1839	1191	653	2177	698	1351	1060	2564	2153	1966	5139	5714	4519
Ranked Averages														
81 Bottom 10 pct	1796	1696	1738	731	1687	1275	2106	2181	3222	2130	3698	4885	4895	4034
82 Middle 80 pct	2963	2761	1870	879	1832	1416	2152	2136	3485	2856	3666	4934	4881	3898
83 Top 10 pct	3598	3966	2892	1330	2258	1693	2730	3050	3630	3434	3987	4849	4825	4343

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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 2017 to 2026
Using 1937-Water Conditions

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	6125	6246	7720	6293	6038	4203	2543	4134	6254	4880	6135	9794	8403	5015
2 1930 Regional Report Surplus Deficit	5498	5107	7312	6214	5996	4104	1276	4579	6119	5797	7014	9697	5015	7437
3 1931 Regional Report Surplus Deficit	5931	4861	6777	6183	6303	4144	1392	2696	5567	4833	1968	10612	4570	7481
4 1932 Regional Report Surplus Deficit	5095	3866	7063	5967	5224	4121	1807	2415	8753	9973	8702	11534	10312	8781
5 1933 Regional Report Surplus Deficit	6214	6878	7818	6648	6277	5414	6315	8002	9875	7261	7453	10981	10541	9136
6 1934 Regional Report Surplus Deficit	7511	7799	7940	7731	8702	8564	8050	9148	10833	10020	8292	10861	8985	7742
7 1935 Regional Report Surplus Deficit	5490	4785	6705	6305	5553	4017	6490	7631	9654	5326	7609	11082	9108	8711
8 1936 Regional Report Surplus Deficit	7211	6003	7645	6024	5882	4017	1671	4166	6689	6420	8587	11819	10290	7938
9 1937 Regional Report Surplus Deficit	6005	5419	7464	5736	6164	4108	1405	3147	5671	5526	3254	10934	7761	6030
10 1938 Regional Report Surplus Deficit	6230	5603	7427	6394	5163	5426	6033	7474	10308	9487	8996	11423	9912	8830
11 1939 Regional Report Surplus Deficit	5775	5177	7609	6642	5623	4153	4465	5252	7574	7804	8145	11693	7132	7455
12 1940 Regional Report Surplus Deficit	6017	5228	7280	6704	6925	4841	3696	4889	11099	8017	7650	11547	7271	6898
13 1941 Regional Report Surplus Deficit	4579	3903	6941	6226	6091	4667	2987	4441	7156	4577	5617	10383	6712	7187
14 1942 Regional Report Surplus Deficit	5000	4691	7447	6282	6905	6427	5273	5051	9439	6242	7441	10864	9184	8756
15 1943 Regional Report Surplus Deficit	6663	6537	8216	6033	5373	4621	6964	8180	10118	10726	9089	11388	10655	9103
16 1944 Regional Report Surplus Deficit	6686	6231	7955	6306	6308	4280	2605	4404	5764	4723	5822	8885	3476	5687
17 1945 Regional Report Surplus Deficit	4156	3139	6354	6228	5679	4058	1818	3846	5978	4748	1701	11198	9475	5830
18 1946 Regional Report Surplus Deficit	6007	4699	7727	6152	6476	5390	5448	6024	10514	9917	8932	11439	9681	9006
19 1947 Regional Report Surplus Deficit	7411	7610	8113	6066	7220	8291	7678	8862	10648	9136	8062	11454	9862	8849
20 1948 Regional Report Surplus Deficit	7161	7259	7769	9888	8638	6890	7438	7735	9801	8417	8685	11592	10097	8962
21 1949 Regional Report Surplus Deficit	7551	8164	8385	6853	6993	5010	5161	5242	10914	9019	8958	11689	10109	6257
22 1950 Regional Report Surplus Deficit	4596	4403	7721	6372	5598	5145	7526	8663	10755	10150	8566	11025	10709	9535
23 1951 Regional Report Surplus Deficit	7479	7747	8195	8232	9003	8510	8053	9719	10769	10390	8705	11262	9943	8877
24 1952 Regional Report Surplus Deficit	7422	7073	8054	9509	8245	6932	7254	8661	10195	10315	9122	11711	10244	8937
25 1953 Regional Report Surplus Deficit	6886	7115	7834	5942	5954	4194	3382	8031	9767	6663	7607	11488	10664	9052
26 1954 Regional Report Surplus Deficit	6995	6966	8049	6736	7361	6116	6891	9161	10596	8663	8247	11322	10325	9341
27 1955 Regional Report Surplus Deficit	7976	8373	10740	6945	8147	6007	4052	5536	6439	6123	6495	10926	10658	9434
28 1956 Regional Report Surplus Deficit	7557	7590	7933	7302	8540	8306	8054	9259	10234	9875	8682	11465	10626	9162
29 1957 Regional Report Surplus Deficit	7562	8044	8143	7234	6958	6452	5577	5157	10566	10205	8045	12052	10500	8699
30 1958 Regional Report Surplus Deficit	7025	5894	7645	6182	6542	5134	6162	7538	9992	8097	8831	11656	10408	8385
31 1959 Regional Report Surplus Deficit	6107	5930	7524	6393	7861	7847	7952	9060	10699	9692	7977	11170	10287	9046
32 1960 Regional Report Surplus Deficit	7592	7715	10838	10456	8789	7422	6398	7589	10027	10699	8546	11425	10207	8605
33 1961 Regional Report Surplus Deficit	6957	6088	7571	6663	6821	5328	6146	8190	11006	8789	7443	11156	9984	8379
34 1962 Regional Report Surplus Deficit	6896	5872	7436	6009	6623	4719	5812	7373	7485	10311	8814	11444	9667	8501
35 1963 Regional Report Surplus Deficit	6757	6770	7912	7526	8210	7514	6659	7838	9437	6353	7296	11906	9932	8589
36 1964 Regional Report Surplus Deficit	6675	5935	8099	6290	6434	5357	4473	6000	7706	9191	7056	11181	10662	9304
37 1965 Regional Report Surplus Deficit	7533	7922	8780	8036	7853	8369	7882	9472	10254	8354	8858	11255	10050	8822
38 1966 Regional Report Surplus Deficit	7515	7979	7809	7239	7236	5759	5470	6837	8238	10282	8059	11023	9336	8658
39 1967 Regional Report Surplus Deficit	6760	6160	7634	5994	6474	5929	7734	8953	10316	7649	5119	11132	10379	9023
40 1968 Regional Report Surplus Deficit	7294	7491	7900	6847	7632	5807	6542	8711	10510	5562	6114	10826	10028	8752
41 1969 Regional Report Surplus Deficit	7275	7917	9362	8327	8686	6968	7799	8795	10175	10310	8700	11642	10400	8898
42 1970 Regional Report Surplus Deficit	7149	6803	7763	6579	7087	4735	5953	7367	9333	6728	6832	11534	10427	8280
43 1971 Regional Report Surplus Deficit	6584	5717	7607	6128	6505	5445	7969	9279	10983	9881	8546	11412	10719	9191
44 1972 Regional Report Surplus Deficit	7806	8463	8392	7505	7397	6253	7942	9482	10784	10625	8474	11471	10292	9197
45 1973 Regional Report Surplus Deficit	7718	8287	8632	7238	7465	5744	5953	5400	7674	4804	5648	10341	6417	6921
46 1974 Regional Report Surplus Deficit	5480	4513	7309	6316	6582	6932	8170	9335	10434	10065	8678	10848	10481	9760
47 1975 Regional Report Surplus Deficit	7697	8318	8375	6126	6506	4744	6533	7665	9961	6580	6848	11308	10576	9197
48 1976 Regional Report Surplus Deficit	7521	8137	8591	8680	8840	8811	8186	9134	10591	10270	8572	11485	10357	9090
49 1977 Regional Report Surplus Deficit	8224	8521	11097	7387	6761	4175	2639	4602	6164	4691	5811	8835	2383	5101
50 1978 Regional Report Surplus Deficit	4007	3281	6739	4503	4977	6533	5548	7305	8866	9895	8179	11543	9262	8795
51 1979 Regional Report Surplus Deficit	6372	5882	9210	7378	7082	4501	3505	5541	9953	6243	7282	11814	8959	6138
52 1980 Regional Report Surplus Deficit	4543	4793	7451	5878	6027	3878	4741	4805	7649	7165	8626	12066	10105	8078
53 1981 Regional Report Surplus Deficit	5111	4509	7515	6509	6656	7479	7516	8658	9985	4708	7006	11359	10307	8664
54 1982 Regional Report Surplus Deficit	7475	7752	7926	6676	7513	5627	7042	9530	10828	10173	8196	11129	10702	9444

Regional Report Surplus Deficit By Water Year

Operating Year 2017

2015 White Book Report Date: **6/30/2015** *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	7633	8301	9506	8515	7795	6466	7618	9220	11040	9467	8070	11275	10395	9003
56 1984 Regional Report Surplus Deficit	7643	8286	8504	6997	9066	6884	7133	8875	10857	10464	8620	11480	10735	9016
57 1985 Regional Report Surplus Deficit	7636	6921	8530	7116	7834	5734	5313	6418	7855	8502	8425	11464	9228	4636
58 1986 Regional Report Surplus Deficit	4219	4143	7778	6890	8347	5852	6456	8984	11364	10193	8634	11354	9736	8477
59 1987 Regional Report Surplus Deficit	6410	5468	7623	6077	6955	5936	4422	4457	9708	5764	7178	11249	8382	6761
60 1988 Regional Report Surplus Deficit	5023	4021	7135	5994	5534	3791	2412	2704	6292	5240	6782	10785	7073	7576
61 1989 Regional Report Surplus Deficit	6045	5438	7226	6065	6076	4989	3245	3610	8913	8100	8473	11407	9074	7589
62 1990 Regional Report Surplus Deficit	5486	4841	7436	6149	7111	6254	5553	8604	10384	7767	8727	11211	10222	8712
63 1991 Regional Report Surplus Deficit	7296	7267	7802	5909	8720	7036	7461	8372	9983	9115	7404	11175	9885	8729
64 1992 Regional Report Surplus Deficit	7473	7669	7658	6061	6345	3816	3401	4675	9671	4788	5552	10236	4626	5382
65 1993 Regional Report Surplus Deficit	4132	3725	6580	5564	6228	4363	1718	2388	7751	6517	6670	11178	9594	8195
66 1994 Regional Report Surplus Deficit	6397	5596	7307	6126	6566	4595	2033	3616	6125	5452	7051	11092	8702	7417
67 1995 Regional Report Surplus Deficit	5562	4194	6972	6047	5228	4668	4652	7008	10453	6840	6604	11756	10349	8592
68 1996 Regional Report Surplus Deficit	6389	5905	7903	8004	8850	8702	8136	9796	10934	10420	9243	11581	10291	8996
69 1997 Regional Report Surplus Deficit	7520	7835	8121	6450	7418	6994	8138	9303	10656	10220	8905	11306	10186	9260
70 1998 Regional Report Surplus Deficit	7706	8464	9568	10168	8588	5813	5299	7829	9304	6218	7909	11722	10583	8968
71 1999 Regional Report Surplus Deficit	7616	7332	7805	6276	6282	6382	7953	9258	10658	9182	8684	11355	10690	9385
72 2000 Regional Report Surplus Deficit	8206	8698	8539	6897	8715	7556	6507	7866	9978	10260	8872	11434	8589	8628
73 2001 Regional Report Surplus Deficit	7155	5300	7595	6370	5869	4192	2320	4133	6426	5128	5987	10203	2262	5970
74 2002 Regional Report Surplus Deficit	4191	3193	6966	4082	4859	4400	2925	4384	7403	7483	8513	11236	10293	8889
75 2003 Regional Report Surplus Deficit	5525	5724	7399	6082	6390	4306	2182	4785	10107	7296	7525	11152	10009	7439
76 2004 Regional Report Surplus Deficit	5333	4541	7451	6483	7676	4677	3814	3963	8565	6347	6881	11278	8850	7707
77 2005 Regional Report Surplus Deficit	4371	5118	8170	6896	6838	5558	4933	6647	7530	5119	6341	11193	9168	8132
78 2006 Regional Report Surplus Deficit	5925	4778	7413	5655	6811	5585	6551	8051	10222	10228	8791	11478	10560	8763
79 2007 Regional Report Surplus Deficit	7019	4467	7804	5844	6814	5670	6333	7336	10922	9434	7640	11286	8622	8561
80 2008 Regional Report Surplus Deficit	6155	4676	7628	5672	6943	4088	3809	5141	7831	6923	5535	11191	10680	9083
Ranked Averages														
81 Bottom 10 pct	4275	3912	7122	5783	6131	4914	3891	5350	7962	6962	6785	11269	9293	7948
82 Middle 80 pct	6590	6193	7829	6732	6938	5738	5549	6927	9425	8115	7674	11211	9355	8231
83 Top 10 pct	7872	8426	9231	7408	7831	5897	5757	7157	8895	7471	7335	10940	8779	8308

Regional Report Surplus Deficit By Water Year

Operating Year 2018

2015 White Book Report Date: 6/30/2015

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	5712	5742	7481	6121	6320	3958	2746	4102	7168	6149	7049	10307	9459	3924
2 1930 Regional Report Surplus Deficit	5083	4676	7075	6024	6345	3870	1346	4546	7073	7135	8179	10211	6081	6514
3 1931 Regional Report Surplus Deficit	5545	4422	6542	5982	6671	3871	1497	2664	6554	5775	2212	11016	5513	6606
4 1932 Regional Report Surplus Deficit	4672	3528	6801	5779	5431	3871	1944	2391	9268	11151	10064	12301	11319	8210
5 1933 Regional Report Surplus Deficit	5804	6362	7579	6443	6603	5078	6123	8399	9811	8511	8622	11648	11547	8791
6 1934 Regional Report Surplus Deficit	7118	7302	7714	7526	8939	8127	7914	9872	10407	11149	9659	11672	9935	6910
7 1935 Regional Report Surplus Deficit	5066	4386	6455	6090	5726	3814	6215	7928	9838	6808	8787	11761	10082	8161
8 1936 Regional Report Surplus Deficit	6839	5534	7380	5851	6191	3769	1763	4133	7571	7729	9917	12607	11263	7047
9 1937 Regional Report Surplus Deficit	5590	5003	7209	5578	6529	3844	1540	3110	6666	6385	3495	11237	8667	4979
10 1938 Regional Report Surplus Deficit	5829	5163	7184	6202	5133	5102	5892	7700	10099	10635	10322	12235	10865	8230
11 1939 Regional Report Surplus Deficit	5345	4794	7373	6436	5840	3947	4531	5493	8319	8556	9402	12426	8174	6510
12 1940 Regional Report Surplus Deficit	5613	4808	7043	6476	7248	4536	3834	4858	10938	9289	8857	12250	8264	5965
13 1941 Regional Report Surplus Deficit	4134	3572	6702	6031	6443	4391	3194	4408	7934	5443	6150	10857	7612	6307
14 1942 Regional Report Surplus Deficit	4591	4280	7209	6053	7252	6051	5254	5028	9712	7406	8508	11511	10117	8336
15 1943 Regional Report Surplus Deficit	6289	6029	7926	5863	5468	4376	6647	8637	10128	11932	10436	12185	11647	8788
16 1944 Regional Report Surplus Deficit	6305	5745	7706	6139	6645	4052	2803	4375	6766	5975	6730	9268	4570	4685
17 1945 Regional Report Surplus Deficit	3738	2796	6109	6017	5988	3792	1904	3809	6975	6018	2675	11949	10441	4749
18 1946 Regional Report Surplus Deficit	5607	4319	7422	5980	6828	5066	5420	6193	10269	11070	10265	12229	10617	8599
19 1947 Regional Report Surplus Deficit	7039	7105	7882	5905	7571	7991	7435	9439	10217	10300	9292	12265	10806	8328
20 1948 Regional Report Surplus Deficit	6790	6745	7542	9621	8576	6509	7163	8371	10002	9546	10020	12290	11163	8631
21 1949 Regional Report Surplus Deficit	7131	7709	8139	6649	7356	4709	5083	5388	10535	10175	10311	12440	11071	5195
22 1950 Regional Report Surplus Deficit	4112	4098	7416	6188	5767	4826	7199	9157	10331	11277	9854	11769	11674	9135
23 1951 Regional Report Surplus Deficit	7102	7243	7971	8021	8919	8182	7765	10059	10310	11300	9966	12049	10892	8548
24 1952 Regional Report Surplus Deficit	7050	6561	7823	9244	8354	6551	6925	8933	10339	11524	10445	12373	11192	8371
25 1953 Regional Report Surplus Deficit	6516	6599	7529	5781	6277	3943	3572	8376	10079	7801	8687	12298	11726	8606
26 1954 Regional Report Surplus Deficit	6616	6454	7815	6540	7683	5755	6614	9753	10168	9900	9492	12131	11360	8936
27 1955 Regional Report Surplus Deficit	7516	7968	10391	6738	8209	5638	4191	5539	7311	7407	7645	11642	11667	8994
28 1956 Regional Report Surplus Deficit	7146	7081	7696	7080	8495	7976	7889	9753	9809	10816	9611	12159	11676	8839
29 1957 Regional Report Surplus Deficit	7179	7556	7917	7041	7325	6081	5464	5134	10602	11382	9275	12540	11572	8032
30 1958 Regional Report Surplus Deficit	6649	5443	7411	6006	6908	4840	6029	7655	10166	9278	10157	12364	11392	7578
31 1959 Regional Report Surplus Deficit	6501	5339	7282	6209	8045	7513	7760	9779	10255	10745	9081	11975	11264	8694
32 1960 Regional Report Surplus Deficit	7185	7213	10523	10338	9073	7122	6306	7984	10169	11993	9878	12148	11174	8031
33 1961 Regional Report Surplus Deficit	6583	5619	7326	6455	7190	5000	5940	8503	10603	9987	8621	11957	11020	7721
34 1962 Regional Report Surplus Deficit	6520	5381	7198	5842	6991	4437	5666	7760	8242	11492	10159	12257	10594	7773
35 1963 Regional Report Surplus Deficit	6377	6263	7626	7303	8275	7132	6327	8055	9744	7733	8456	12661	10877	7951
36 1964 Regional Report Surplus Deficit	6298	5458	7860	6116	6786	5032	4554	6018	8434	10344	8090	11969	11709	8928
37 1965 Regional Report Surplus Deficit	7138	7444	8519	7818	8032	8056	7605	9662	9810	9507	10128	11946	11008	8196
38 1966 Regional Report Surplus Deficit	7137	7496	7558	7012	7563	5405	5397	6917	8901	11448	9278	11650	10308	8123
39 1967 Regional Report Surplus Deficit	6386	5682	7397	5819	6831	5575	7472	9254	9884	8899	5959	11865	11423	8699
40 1968 Regional Report Surplus Deficit	6923	6980	7661	6641	7892	5454	6340	9175	10560	6922	7265	11427	10990	8320
41 1969 Regional Report Surplus Deficit	6902	7444	9034	8090	8628	6587	7511	9171	9740	11187	10059	12343	11349	8398
42 1970 Regional Report Surplus Deficit	6779	6296	7530	6392	7440	4472	5833	7519	9723	8038	7983	12321	11405	7432
43 1971 Regional Report Surplus Deficit	6193	5267	7363	5954	6849	5123	7684	9727	10558	11010	9892	12124	11757	8853
44 1972 Regional Report Surplus Deficit	7413	8028	8165	7280	7748	5889	7660	9566	10359	11431	9759	11991	11283	8844
45 1973 Regional Report Surplus Deficit	7287	7870	8382	7021	7787	5408	5849	5388	8396	5869	6562	10914	7551	5920
46 1974 Regional Report Surplus Deficit	5063	4137	7063	6122	6922	6536	8034	9814	9991	10818	9557	11179	11483	9209
47 1975 Regional Report Surplus Deficit	7288	7892	8111	5964	6856	4494	6278	8024	10296	7727	7812	12119	11571	8890
48 1976 Regional Report Surplus Deficit	7144	7658	8325	8438	8760	8374	7959	9814	10165	11341	9905	12177	11323	8757
49 1977 Regional Report Surplus Deficit	7750	8115	10782	7158	7130	3926	2822	4583	7090	5605	6249	9130	3359	4125
50 1978 Regional Report Surplus Deficit	3589	2914	6434	4370	5046	6127	5669	7688	9356	10989	9421	12348	10207	8241
51 1979 Regional Report Surplus Deficit	5977	5425	8830	7164	7423	4259	3652	5528	10237	7562	8450	12622	9904	5077
52 1980 Regional Report Surplus Deficit	4088	4397	7210	5713	6374	3705	4769	4789	8394	8254	9907	12679	11094	7187
53 1981 Regional Report Surplus Deficit	4682	4170	7281	6309	7024	7079	7174	9047	10129	5967	8163	12145	11371	8315
54 1982 Regional Report Surplus Deficit	7072	7262	7680	6486	7782	5290	6786	9802	10403	11344	9444	11890	11700	9125

Regional Report Surplus Deficit By Water Year

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2015 White Book Report Date: **6/30/2015** *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	7244	7859	9140	8288	8043	6094	7315	9687	10615	10670	9329	12087	11370	8640
56 1984 Regional Report Surplus Deficit	7248	7824	8246	6795	9009	6504	6871	9237	10847	11704	9971	12294	11732	8653
57 1985 Regional Report Surplus Deficit	7263	6415	8269	6915	8120	5392	5324	6455	8555	9757	9758	12276	10169	3548
58 1986 Regional Report Surplus Deficit	3726	3839	7548	6693	8437	5491	6252	9468	11145	11442	9986	12111	10732	7727
59 1987 Regional Report Surplus Deficit	6007	5039	7367	5914	7323	5583	4520	4422	10010	6571	7807	11965	9294	5755
60 1988 Regional Report Surplus Deficit	4585	3723	6881	5810	5856	3617	2615	2673	7221	6493	7733	11330	8083	6680
61 1989 Regional Report Surplus Deficit	5651	5001	6979	5886	6395	4680	3442	3574	9488	9372	9829	12152	10021	6645
62 1990 Regional Report Surplus Deficit	5062	4487	7184	5966	7439	5876	5546	9050	10361	8926	10141	11955	11199	8064
63 1991 Regional Report Surplus Deficit	6923	6752	7555	5749	8646	6659	7205	8912	10022	10250	8604	11961	10848	8398
64 1992 Regional Report Surplus Deficit	7079	7168	7411	5888	6701	3639	3562	4647	9824	5850	6003	10584	5645	4362
65 1993 Regional Report Surplus Deficit	3706	3346	6322	5364	6591	4100	1788	2361	8478	7662	7772	11973	10570	7342
66 1994 Regional Report Surplus Deficit	6013	5131	7077	5942	6929	4293	2159	3579	8945	6164	7485	11297	9165	6476
67 1995 Regional Report Surplus Deficit	5158	3809	6735	5854	5368	4388	4702	7142	9651	9616	8211	12550	11348	7834
68 1996 Regional Report Surplus Deficit	5972	5447	7657	7777	9294	8265	7845	10083	10505	11517	10588	12339	11250	8666
69 1997 Regional Report Surplus Deficit	7133	7344	7888	6266	7732	6613	7854	9451	10228	11025	9950	11981	11203	8858
70 1998 Regional Report Surplus Deficit	7316	8029	9243	9920	8534	5473	5281	8081	9733	7393	9101	12337	11617	8382
71 1999 Regional Report Surplus Deficit	7241	6820	7566	6108	6612	6014	7706	9501	10232	10221	10018	12153	11649	9039
72 2000 Regional Report Surplus Deficit	7759	8267	8278	6694	8722	7170	6310	8292	10198	11436	10225	12245	9554	7983
73 2001 Regional Report Surplus Deficit	6782	4923	7328	6185	6178	3948	2518	4103	7299	5976	6446	10346	3294	4981
74 2002 Regional Report Surplus Deficit	3764	2865	6662	3955	4964	4142	3129	4519	8253	8777	9865	11978	11306	8537
75 2003 Regional Report Surplus Deficit	5083	5284	7158	5890	6756	4044	2356	4762	10345	8584	8716	11886	10962	6405
76 2004 Regional Report Surplus Deficit	4891	4195	7181	6271	7802	4394	3955	3927	9120	7650	8041	11975	9796	6763
77 2005 Regional Report Surplus Deficit	3901	4740	7932	6673	7176	5196	4866	6756	8224	6351	7441	11950	10153	7306
78 2006 Regional Report Surplus Deficit	5517	4382	7168	5481	7166	5238	6292	8405	10281	11444	10137	12238	11561	8075
79 2007 Regional Report Surplus Deficit	6640	4142	7500	5678	7182	5319	6133	7554	10707	10441	8842	12082	9578	7966
80 2008 Regional Report Surplus Deficit	5740	4331	7323	5477	7205	3851	3944	5133	8624	8259	6441	12001	11764	8543
Ranked Averages														
81 Bottom 10 pct	3828	3625	6954	5621	6293	4672	4447	6068	8895	8846	8365	12094	10772	7528
82 Middle 80 pct	6206	5756	7561	6534	7222	5433	5424	7126	9572	9222	8759	11882	10297	7625
83 Top 10 pct	7449	7823	8953	7211	7888	5424	5464	6991	8992	8328	8389	11582	9596	7086

Regional Report Surplus Deficit By Water Year

Operating Year 2019

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	5596	5209	6760	6001	5738	3499	2549	3760	5603	4777	6188	8145	8176	4051
2 1930 Regional Report Surplus Deficit	4978	4173	6404	5909	5708	3408	1085	4204	5446	5811	7391	8087	4612	6720
3 1931 Regional Report Surplus Deficit	5383	3921	5853	5867	5989	3418	1248	2330	4852	4397	1122	9379	4071	6788
4 1932 Regional Report Surplus Deficit	4585	3006	6029	5664	4892	3414	1707	2062	8254	9984	9413	11074	10156	8112
5 1933 Regional Report Surplus Deficit	5683	5829	6927	6328	5989	4605	6014	7903	9227	7226	7839	10357	10408	8407
6 1934 Regional Report Surplus Deficit	6730	6753	7043	7383	7905	7351	7507	9317	10085	9805	9049	10440	8757	7060
7 1935 Regional Report Surplus Deficit	4980	3877	5708	5972	5209	3338	5938	7506	9243	5460	8011	10325	8850	8040
8 1936 Regional Report Surplus Deficit	6496	5036	6602	5732	5591	3311	1510	3791	6054	6410	9228	11384	10102	7235
9 1937 Regional Report Surplus Deficit	5488	4497	6453	5451	5864	3389	1302	2772	4976	5023	2471	9472	7323	5176
10 1938 Regional Report Surplus Deficit	5689	4661	6460	6086	4693	4638	5598	7305	9788	9442	9390	11010	9692	8164
11 1939 Regional Report Surplus Deficit	5264	4281	6704	6320	5296	3472	4313	5141	6905	7355	8671	11106	6834	6721
12 1940 Regional Report Surplus Deficit	5486	4303	6343	6355	6503	4080	3630	4515	10618	8027	8101	10876	6931	6192
13 1941 Regional Report Surplus Deficit	4148	3027	5993	5915	5802	3938	2996	4066	6567	4069	5283	9303	6284	6487
14 1942 Regional Report Surplus Deficit	4492	3761	6590	5938	6527	5487	4997	4682	9007	6082	7736	10047	8908	8060
15 1943 Regional Report Surplus Deficit	6033	5528	7344	5743	4980	3917	6353	8214	9818	10588	9818	10938	10528	8388
16 1944 Regional Report Surplus Deficit	6107	5202	6961	6017	6021	3587	2606	4031	5063	4613	5855	6902	3052	4902
17 1945 Regional Report Surplus Deficit	3694	2275	5379	5900	5387	3338	1649	3472	5280	4646	1590	10650	9269	4808
18 1946 Regional Report Surplus Deficit	5466	3806	6582	5860	6186	4603	5167	5833	9955	9950	9522	11001	9428	8306
19 1947 Regional Report Surplus Deficit	6699	6576	7228	5780	6851	7102	7085	9001	9900	9109	8549	11041	9634	8175
20 1948 Regional Report Surplus Deficit	6471	6226	6857	9247	7676	5891	6828	7943	9364	8293	9359	11078	10005	8228
21 1949 Regional Report Surplus Deficit	6770	7132	7538	6534	6652	4254	4819	5038	10215	8961	9660	11212	9899	5389
22 1950 Regional Report Surplus Deficit	4078	3570	6576	6071	5247	4364	6867	8726	10010	10087	9155	10475	10453	8826
23 1951 Regional Report Surplus Deficit	6729	6693	7314	7864	7996	7283	7343	9651	9988	9957	9035	10824	9726	8139
24 1952 Regional Report Surplus Deficit	6697	6053	7141	8973	7531	5930	6598	8525	9792	10335	9695	11151	10024	8268
25 1953 Regional Report Surplus Deficit	6200	6069	6695	5656	5665	3486	3375	7949	9392	6486	7899	11066	10589	8365
26 1954 Regional Report Surplus Deficit	6395	5919	7137	6425	6937	5245	6316	9285	9850	8657	8753	10907	10208	8643
27 1955 Regional Report Surplus Deficit	7216	7352	9867	6622	7370	5106	3987	5185	5809	6074	6832	10289	10508	8669
28 1956 Regional Report Surplus Deficit	6770	6539	6978	6960	7610	7085	7523	9315	9453	9474	8678	10937	10528	8420
29 1957 Regional Report Surplus Deficit	6797	7000	7246	6921	6630	5541	5188	4787	10200	10213	8530	11327	10419	8007
30 1958 Regional Report Surplus Deficit	6417	4916	6719	5888	6241	4386	5740	7244	9631	8012	9466	11133	10249	7706
31 1959 Regional Report Surplus Deficit	6293	4837	6557	6093	7244	6706	7407	9273	9935	9605	8353	10747	10123	8303
32 1960 Regional Report Surplus Deficit	6805	6664	10003	9803	8027	6361	5976	7564	9475	10911	9195	10806	10022	7936
33 1961 Regional Report Surplus Deficit	6334	5073	6592	6339	6505	4533	5647	8091	10283	8772	7890	10733	9891	7715
34 1962 Regional Report Surplus Deficit	6285	4885	6480	5720	6316	3984	5384	7370	6905	10371	9557	11031	9408	7831
35 1963 Regional Report Surplus Deficit	6159	5731	6823	7177	7439	6397	6029	7635	8996	6410	7659	11364	9704	7923
36 1964 Regional Report Surplus Deficit	6067	4959	7214	5997	6145	4568	4339	5660	7138	9141	7278	10718	10557	8539
37 1965 Regional Report Surplus Deficit	6750	6882	7948	7668	7228	7133	7183	9254	9488	8296	9196	10653	9825	8157
38 1966 Regional Report Surplus Deficit	6762	6951	6813	6890	6821	4910	5141	6543	7694	10303	8532	10108	9111	7985
39 1967 Regional Report Surplus Deficit	6139	5183	6705	5701	6182	5080	7116	8842	9567	7688	5052	10537	10292	8289
40 1968 Regional Report Surplus Deficit	6592	6441	7009	6525	7116	4959	6069	8757	10149	5586	6431	9734	9849	8060
41 1969 Regional Report Surplus Deficit	6547	6886	8520	7938	7733	5959	7089	8759	9424	9845	9178	11116	10207	8219
42 1970 Regional Report Surplus Deficit	6492	5798	6840	6276	6720	4017	5577	7126	8879	6725	7173	11069	10240	7585
43 1971 Regional Report Surplus Deficit	6026	4721	6630	5835	6217	4660	7263	9319	10236	9881	8994	10898	10622	8460
44 1972 Regional Report Surplus Deficit	7025	7437	7524	7159	7026	5372	7239	9159	10037	10087	9022	10697	10158	8464
45 1973 Regional Report Surplus Deficit	6948	7268	7767	6903	7040	4935	5572	5038	7108	4491	5701	9254	6181	6140
46 1974 Regional Report Surplus Deficit	4963	3623	6332	6006	6298	5917	7616	9406	9669	9476	8624	9885	10263	8932
47 1975 Regional Report Surplus Deficit	6909	7293	7487	5839	6217	4036	6022	7618	9681	6411	6994	10892	10420	8472
48 1976 Regional Report Surplus Deficit	6770	7095	7722	8293	7836	7600	7607	9320	9843	9998	9093	10950	10177	8351
49 1977 Regional Report Surplus Deficit	7433	7469	10268	7035	6448	3468	2625	4235	5506	4225	5362	6764	1801	4345
50 1978 Regional Report Surplus Deficit	3549	2398	5595	4217	4569	5549	5393	7292	8380	9829	8683	11123	8999	8124
51 1979 Regional Report Surplus Deficit	5820	4869	8317	7033	6690	3799	3449	5178	9517	6240	7662	11388	8666	5274
52 1980 Regional Report Surplus Deficit	4041	3888	6494	5590	5739	3215	4542	4445	7052	6957	9203	11460	9951	7372
53 1981 Regional Report Surplus Deficit	4598	3628	6610	6194	6333	6364	6831	8621	9583	4598	7436	10889	10206	7934
54 1982 Regional Report Surplus Deficit	6688	6709	7028	6370	7010	4815	6490	9395	10080	10188	8728	10663	10537	8716

Regional Report Surplus Deficit By Water Year

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	6857	7274	8631	8137	7262	5555	6988	9240	10293	9470	8592	10862	10194	8287
56 1984 Regional Report Surplus Deficit	6860	7252	7622	6679	8064	5906	6583	8818	10522	10552	9331	11068	10574	8301
57 1985 Regional Report Surplus Deficit	6916	5882	7645	6800	7355	4912	5067	6092	7296	8516	9071	11050	8950	3645
58 1986 Regional Report Surplus Deficit	3696	3310	6835	6578	7609	4983	5979	9038	10835	10312	9344	10817	9566	7809
59 1987 Regional Report Surplus Deficit	5875	4535	6608	5790	6637	5090	4308	4081	9269	5215	6987	10638	8046	5981
60 1988 Regional Report Surplus Deficit	4519	3191	6120	5694	5245	3128	2408	2339	5634	5130	6907	9564	6716	6875
61 1989 Regional Report Surplus Deficit	5496	4499	6244	5768	5787	4223	3245	3238	8530	8102	9184	10842	8781	6855
62 1990 Regional Report Surplus Deficit	5019	3958	6436	5850	6699	5302	5277	8596	10047	7728	9486	10649	10062	8047
63 1991 Regional Report Surplus Deficit	6569	6213	6829	5623	7720	5978	6857	8483	9510	9047	7850	10702	9691	7990
64 1992 Regional Report Surplus Deficit	6691	6621	6682	5769	6053	3148	3361	4303	9267	4473	5128	8857	4223	4583
65 1993 Regional Report Surplus Deficit	3623	2833	5566	5249	5932	3645	1527	2028	7183	6344	6942	10726	9352	7500
66 1994 Regional Report Surplus Deficit	5828	4579	6415	5826	6225	3838	1918	3241	7868	4798	6651	9635	7900	6690
67 1995 Regional Report Surplus Deficit	5031	3297	6052	5739	4861	3935	4480	6743	8654	8394	7419	11295	10202	7918
68 1996 Regional Report Surplus Deficit	5844	4940	7016	7612	8209	7487	7423	9676	10184	10233	9760	11112	10097	8264
69 1997 Regional Report Surplus Deficit	6747	6806	7215	6150	6982	5990	7431	9043	9906	9682	9016	10753	10035	8500
70 1998 Regional Report Surplus Deficit	6928	7438	8731	9494	7649	4996	5043	7655	8831	6065	8344	11101	10418	8300
71 1999 Regional Report Surplus Deficit	6880	6320	6848	5987	5994	5485	7303	9091	9910	9016	9334	10907	10532	8657
72 2000 Regional Report Surplus Deficit	7440	7672	7680	6578	7753	6443	6021	7861	9559	10312	9592	11020	8274	7965
73 2001 Regional Report Surplus Deficit	6524	4410	6557	6069	5577	3489	2321	3760	5795	4610	5569	8313	1721	5208
74 2002 Regional Report Surplus Deficit	3683	2341	5822	3789	4472	3687	3113	4125	6651	7500	9197	10663	10147	8168
75 2003 Regional Report Surplus Deficit	5009	4737	6433	5775	6060	3589	2134	4416	9804	7300	7948	10565	9804	6680
76 2004 Regional Report Surplus Deficit	4830	3675	6398	6154	6982	3941	3751	3589	8056	6339	7241	10574	8555	6971
77 2005 Regional Report Surplus Deficit	3859	4215	7347	6547	6441	4682	4610	6381	6964	5002	6624	10659	8927	7448
78 2006 Regional Report Surplus Deficit	5396	3872	6436	5362	6449	4753	6027	7990	9892	10325	9502	11011	10409	8088
79 2007 Regional Report Surplus Deficit	6427	3617	6666	5556	6503	4827	5852	7139	10391	9254	8081	10836	8315	7896
80 2008 Regional Report Surplus Deficit	5636	3810	6484	5361	6430	3390	3740	4782	7402	6956	5542	10775	10613	8411
Ranked Averages														
81 Bottom 10 pct	3778	3104	6202	5493	5674	4183	4210	5688	7794	7585	7592	10822	9583	7507
82 Middle 80 pct	5979	5227	6866	6399	6504	4882	5140	6732	8860	7956	7973	10512	9087	7540
83 Top 10 pct	7102	7226	8371	7054	7107	4909	5197	6605	7978	7022	7615	10133	8339	7000

Regional Report Surplus Deficit By Water Year

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	5293	4930	6536	6164	5264	3195	2255	3516	5400	5399	6282	8773	9079	3082
2 1930 Regional Report Surplus Deficit	4674	3870	6174	6062	5261	3098	639	3961	5252	6235	7449	8704	5667	5750
3 1931 Regional Report Surplus Deficit	5127	3619	5623	6012	5573	3127	834	2094	4677	5065	996	9870	5116	5853
4 1932 Regional Report Surplus Deficit	4268	2714	5822	5818	4403	3112	1315	1799	7990	10437	9315	11557	10738	7484
5 1933 Regional Report Surplus Deficit	5387	5601	6701	6470	5529	4336	5695	7632	8937	7594	7892	10842	10911	8092
6 1934 Regional Report Surplus Deficit	6649	6582	6813	7477	7440	7035	7170	9066	9786	10200	8949	10885	9448	6161
7 1935 Regional Report Surplus Deficit	4662	3575	5491	6107	4715	3013	5627	7238	8952	5963	8055	10772	9668	7435
8 1936 Regional Report Surplus Deficit	6371	4739	6398	5895	5124	3009	1088	3548	5844	6820	9154	11856	10702	6288
9 1937 Regional Report Surplus Deficit	5182	4195	6240	5621	5435	3094	908	2532	4792	5589	2443	9984	8294	4166
10 1938 Regional Report Surplus Deficit	5409	4360	6236	6238	4197	4366	5313	7040	9488	9854	9318	11470	10389	7502
11 1939 Regional Report Surplus Deficit	4939	3981	6474	6462	4808	3149	4054	4890	6682	7723	8650	11540	7804	5738
12 1940 Regional Report Surplus Deficit	5200	4001	6114	6480	6145	3802	3365	4271	10319	8394	8119	11315	7895	5188
13 1941 Regional Report Surplus Deficit	3802	2738	5766	6065	5357	3648	2693	3823	6338	4706	5377	9769	7243	5553
14 1942 Regional Report Surplus Deficit	4175	3459	6372	6085	6148	5218	4730	4435	8721	6506	7776	10497	9684	7613
15 1943 Regional Report Surplus Deficit	5839	5265	7157	5906	4479	3613	6027	7945	9519	10984	9721	11375	11055	8067
16 1944 Regional Report Surplus Deficit	5864	4910	6743	6183	5567	3275	2317	3786	4882	5180	5948	7555	4118	3890
17 1945 Regional Report Surplus Deficit	3379	1982	5157	6038	4921	3044	1224	3233	5097	5267	1474	11082	9927	3789
18 1946 Regional Report Surplus Deficit	5188	3507	6411	6024	5742	4331	4903	5579	9656	10387	9450	11485	10158	7876
19 1947 Regional Report Surplus Deficit	6572	6382	7001	5948	6470	6763	6706	8726	9601	9505	8548	11501	10308	7603
20 1948 Regional Report Surplus Deficit	6326	5987	6627	9119	7431	5613	6469	7674	9075	8664	9272	11580	10525	7905
21 1949 Regional Report Surplus Deficit	6684	7019	7332	6677	6254	3974	4550	4789	9916	9348	9560	11702	10550	4599
22 1950 Regional Report Surplus Deficit	3710	3294	6405	6227	4753	4091	6509	8452	9711	10481	9094	11053	11018	8414
23 1951 Regional Report Surplus Deficit	6628	6498	7086	7941	7725	6942	7007	9384	9689	10350	8963	11298	10396	7823
24 1952 Regional Report Surplus Deficit	6579	5802	6911	8917	7262	5652	6245	8254	9499	10729	9623	11660	10665	7645
25 1953 Regional Report Surplus Deficit	6053	5816	6520	5825	5204	3185	3092	7682	9105	6890	7957	11512	11085	7884
26 1954 Regional Report Surplus Deficit	6173	5653	6907	6574	6579	4980	6003	9008	9551	9029	8746	11368	10768	8246
27 1955 Regional Report Surplus Deficit	7124	7255	9679	6763	7115	4840	3721	4933	5597	6521	6911	10720	11047	8295
28 1956 Regional Report Surplus Deficit	6690	6341	6753	7090	7370	6746	7146	9048	9154	9868	8606	11445	11041	8115
29 1957 Regional Report Surplus Deficit	6706	6846	7016	7053	6224	5275	4914	4540	9904	10651	8531	11846	10959	7302
30 1958 Regional Report Surplus Deficit	6207	4615	6490	6049	5814	4104	5458	6983	9338	8378	9395	11633	10818	6832
31 1959 Regional Report Surplus Deficit	6067	4536	6334	6249	6952	6389	7019	8999	9636	10026	8369	11199	10686	7987
32 1960 Regional Report Surplus Deficit	6726	6483	9712	9579	7536	6048	5655	7297	9189	11315	9112	11241	10623	7304
33 1961 Regional Report Surplus Deficit	6134	4774	6371	6479	6091	4263	5350	7823	9983	9159	7932	11205	10426	6992
34 1962 Regional Report Surplus Deficit	6077	4601	6254	5886	5894	3697	5106	7105	6672	10816	9473	11486	10137	7035
35 1963 Regional Report Surplus Deficit	5937	5464	6631	7294	7182	6097	5702	7371	8712	6832	7725	11796	10380	7221
36 1964 Regional Report Surplus Deficit	5856	4666	6990	6159	5700	4296	4079	5406	6900	9542	7357	11154	11082	8228
37 1965 Regional Report Surplus Deficit	6670	6742	7776	7735	6937	6785	6847	8987	9189	8665	9124	11229	10426	7467
38 1966 Regional Report Surplus Deficit	6663	6802	6595	7016	6459	4644	4875	6283	7447	10749	8536	10574	9856	7398
39 1967 Regional Report Surplus Deficit	5941	4890	6476	5863	5742	4814	6737	8575	9268	8055	5134	10970	10811	7986
40 1968 Regional Report Surplus Deficit	6457	6237	6783	6667	6793	4694	5772	8485	9852	6045	6521	10234	10439	7597
41 1969 Regional Report Surplus Deficit	6431	6750	8379	7982	7490	5679	6753	8492	9125	10239	9106	11618	10813	7675
42 1970 Regional Report Surplus Deficit	6322	5534	6610	6431	6337	3722	5302	6863	8602	7125	7250	11505	10786	6678
43 1971 Regional Report Surplus Deficit	5760	4419	6409	5998	5767	4388	6926	9052	9937	10315	8922	11399	11112	8130
44 1972 Regional Report Surplus Deficit	6944	7337	7301	7287	6644	5106	6902	8891	9738	10482	8948	11274	10677	8165
45 1973 Regional Report Surplus Deficit	6853	7167	7565	7037	6683	4666	5297	4789	6870	5159	5796	9748	7179	5130
46 1974 Regional Report Surplus Deficit	4656	3324	6110	6156	5846	5641	7280	9139	9370	9870	8552	10462	10828	8576
47 1975 Regional Report Surplus Deficit	6830	7194	7274	6008	5771	3735	5720	7352	9390	6818	7076	11349	10979	8161
48 1976 Regional Report Surplus Deficit	6670	6950	7521	8331	7567	7234	7215	9042	9544	10392	9021	11461	10772	8042
49 1977 Regional Report Surplus Deficit	7382	7402	9942	7158	6031	3166	2346	3987	5306	4894	5453	7417	2868	3331
50 1978 Regional Report Surplus Deficit	3233	2101	5423	4396	4066	5279	5118	7027	8113	10272	8677	11591	9767	7515
51 1979 Regional Report Surplus Deficit	5545	4568	8171	7143	6319	3494	3182	4929	9233	6659	7720	11833	9497	4264
52 1980 Regional Report Surplus Deficit	3691	3586	6268	5757	5291	2873	4283	4200	6820	7334	9141	11957	10518	6423
53 1981 Regional Report Surplus Deficit	4274	3336	6380	6340	5924	6069	6462	8348	9289	5202	7503	11325	10762	7590
54 1982 Regional Report Surplus Deficit	6609	6551	6801	6523	6682	4547	6161	9127	9781	10582	8690	11146	11092	8384

Regional Report Surplus Deficit By Water Year

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	6773	7171	8474	8194	6944	5288	6635	8965	9994	9876	8581	11318	10764	7917
56 1984 Regional Report Surplus Deficit	6780	7132	7410	6824	7762	5632	6261	8546	10229	10999	9233	11524	11117	7930
57 1985 Regional Report Surplus Deficit	6794	5606	7433	6945	7018	4645	4801	5836	7055	8885	8994	11513	9742	2713
58 1986 Regional Report Surplus Deficit	3339	3035	6608	6726	7345	4718	5683	8764	10536	10752	9246	11249	10220	6984
59 1987 Regional Report Surplus Deficit	5591	4233	6396	5958	6224	4824	4048	3839	8985	5751	7070	11066	8894	4971
60 1988 Regional Report Surplus Deficit	4185	2909	5908	5850	4784	2785	2079	2103	5434	5700	6993	10082	7711	5924
61 1989 Regional Report Surplus Deficit	5231	4197	6023	5928	5324	3946	2957	2999	8262	8467	9085	11276	9611	5875
62 1990 Regional Report Surplus Deficit	4694	3663	6219	6007	6337	5031	5006	8320	9748	8093	9388	11078	10635	7333
63 1991 Regional Report Surplus Deficit	6452	5988	6606	5793	7444	5688	6482	8209	9216	9450	7871	11138	10318	7674
64 1992 Regional Report Surplus Deficit	6610	6443	6459	5931	5613	2808	3090	4057	8974	5141	5221	9363	5258	3570
65 1993 Regional Report Surplus Deficit	3303	2534	5353	5394	5499	3350	1082	1794	6945	6753	7031	11165	10139	6589
66 1994 Regional Report Surplus Deficit	5574	4281	6187	5982	5827	3559	1518	3000	7609	5387	6741	10127	8776	5708
67 1995 Regional Report Surplus Deficit	4745	2997	5822	5889	4364	3647	4222	6484	8388	8775	7481	11730	10762	7091
68 1996 Regional Report Surplus Deficit	5550	4639	6794	7681	7633	7169	7087	9408	9885	10627	9688	11593	10677	7956
69 1997 Regional Report Surplus Deficit	6661	6645	6985	6306	6629	5713	7095	8775	9607	10076	8944	11267	10617	8177
70 1998 Regional Report Surplus Deficit	6845	7338	8576	9334	7408	4728	4782	7389	8558	6500	8363	11599	10960	7652
71 1999 Regional Report Surplus Deficit	6770	6070	6623	6152	5537	5219	6965	8824	9611	9414	9253	11345	11056	8334
72 2000 Regional Report Surplus Deficit	7346	7573	7477	6722	7410	6146	5724	7593	9270	10760	9496	11480	9171	7252
73 2001 Regional Report Surplus Deficit	6335	4111	6350	6225	5111	3184	2033	3515	5583	5200	5662	8904	2788	4202
74 2002 Regional Report Surplus Deficit	3361	2051	5651	3981	3971	3389	2828	3880	6426	7869	9103	11095	10705	7812
75 2003 Regional Report Surplus Deficit	4670	4435	6209	5926	5655	3293	1771	4169	9511	7668	7982	10997	10451	5746
76 2004 Regional Report Surplus Deficit	4492	3381	6196	6292	6709	3655	3485	3349	7795	6736	7310	11015	9393	5992
77 2005 Regional Report Surplus Deficit	3499	3917	7164	6666	6072	4417	4344	6120	6722	5511	6706	11090	9732	6557
78 2006 Regional Report Surplus Deficit	5103	3571	6215	5524	6063	4486	5726	7723	9595	10775	9407	11496	10974	7342
79 2007 Regional Report Surplus Deficit	6205	3328	6491	5722	6086	4561	5546	6874	10092	9674	8106	11273	9185	7240
80 2008 Regional Report Surplus Deficit	5332	3517	6312	5510	6106	3082	3475	4532	7157	7341	5628	11239	11142	7817
Ranked Averages														
81 Bottom 10 pct	3439	2813	6004	5648	5240	3895	3884	5434	7546	8030	7559	11285	10253	6760
82 Middle 80 pct	5769	4974	6651	6528	6108	4590	4819	6473	8585	8394	7965	10992	9777	6891
83 Top 10 pct	7015	7109	8156	7157	6760	4629	4912	6346	7723	7502	7630	10638	9078	6337

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	4881	4828	6241	5299	4793	1938	368	1793	3753	4294	5174	7532	6155	1507
2 1930 Regional Report Surplus Deficit	4262	3821	5834	5162	4759	1836	-1142	2238	3596	5076	6334	7538	2510	4194
3 1931 Regional Report Surplus Deficit	4718	3563	5299	5097	5058	1881	-969	457	3004	3969	131	8487	1983	4298
4 1932 Regional Report Surplus Deficit	3856	2731	5570	4923	3962	1858	-505	234	6391	9167	8252	9877	8157	5908
5 1933 Regional Report Surplus Deficit	4975	5476	6341	5551	5038	3110	3913	5875	7351	6401	6779	9171	8307	6457
6 1934 Regional Report Surplus Deficit	6248	6455	6472	6566	7067	5676	5412	7386	8201	9056	7934	9307	6786	4604
7 1935 Regional Report Surplus Deficit	4250	3550	5219	5181	4288	1738	3834	5469	7367	4830	6945	9239	6862	5862
8 1936 Regional Report Surplus Deficit	5970	4661	6151	5030	4641	1753	-709	1827	4203	5654	8092	10187	8009	4724
9 1937 Regional Report Surplus Deficit	4771	4156	5975	4796	4924	1845	-911	843	3127	4472	1485	8594	5192	2603
10 1938 Regional Report Surplus Deficit	4998	4303	5944	5333	3849	3137	3483	5266	7903	8567	8263	9806	7624	5929
11 1939 Regional Report Surplus Deficit	4527	3967	6131	5542	4364	1876	2164	3128	5052	6527	7565	9939	4794	4181
12 1940 Regional Report Surplus Deficit	4788	3959	5801	5550	5637	2567	1469	2545	8733	7184	7018	9750	4907	3632
13 1941 Regional Report Surplus Deficit	3391	2763	5461	5157	4854	2403	811	2101	4713	3605	4271	8297	4251	3997
14 1942 Regional Report Surplus Deficit	3764	3426	5992	5172	5635	3993	2868	2689	7133	5348	6667	8971	6867	6028
15 1943 Regional Report Surplus Deficit	5433	5151	6745	5046	4083	2356	4254	6180	7933	9771	8626	9734	8365	6408
16 1944 Regional Report Surplus Deficit	5455	4824	6469	5332	5071	2011	428	2054	3215	4063	4846	6457	855	2332
17 1945 Regional Report Surplus Deficit	2967	1996	4871	5114	4438	1796	-571	1553	3432	4162	600	9468	7226	2495
18 1946 Regional Report Surplus Deficit	4777	3494	6211	5160	5239	3101	3037	3805	8070	9102	8395	9809	7352	6289
19 1947 Regional Report Surplus Deficit	6171	6254	6643	5116	5955	5482	4994	6989	8015	8271	7450	9907	7587	6027
20 1948 Regional Report Surplus Deficit	5924	5864	6299	8668	7079	4382	4736	5909	7489	7446	8215	9814	7799	6301
21 1949 Regional Report Surplus Deficit	6276	6904	6935	5760	5738	2739	2693	3032	8330	8102	8501	10016	7894	2760
22 1950 Regional Report Surplus Deficit	3302	3342	6205	5336	4327	2861	4774	6707	8125	9269	8016	9290	8332	6701
23 1951 Regional Report Surplus Deficit	6228	6370	6731	7051	7393	5659	5248	7682	8103	9140	7908	9630	7732	6212
24 1952 Regional Report Surplus Deficit	6178	5683	6580	8305	6825	4420	4504	6495	7914	9517	8568	9932	7939	5993
25 1953 Regional Report Surplus Deficit	5651	5697	6317	4995	4715	1930	1200	5911	7519	5722	6842	9853	8358	6298
26 1954 Regional Report Surplus Deficit	5766	5541	6573	5666	6072	3757	4213	7280	7966	7805	7651	9705	8064	6457
27 1955 Regional Report Surplus Deficit	6699	7148	9404	5843	6697	3617	1826	3166	3957	5371	5792	9141	8425	6615
28 1956 Regional Report Surplus Deficit	6285	6213	6456	6161	7004	5464	5427	7346	7568	8658	7551	9706	8347	6424
29 1957 Regional Report Surplus Deficit	6306	6722	6675	6125	5708	4051	3067	2796	8317	9399	7428	10083	8202	5729
30 1958 Regional Report Surplus Deficit	5800	4552	6169	5176	5302	2866	3623	5204	7753	7168	8331	9930	8139	5188
31 1959 Regional Report Surplus Deficit	5659	4480	6043	5359	6488	5126	5315	7282	8050	8783	7263	9540	8102	6346
32 1960 Regional Report Surplus Deficit	6322	6355	9603	9197	7152	4788	3875	5526	7601	10025	7992	9652	8028	5733
33 1961 Regional Report Surplus Deficit	5728	4704	6088	5558	5576	3035	3538	6055	8398	7934	6816	9535	7808	5419
34 1962 Regional Report Surplus Deficit	5670	4504	5957	5035	5381	2455	3265	5330	5050	9535	8387	9825	7444	5470
35 1963 Regional Report Surplus Deficit	5529	5353	6404	6365	6761	4849	3930	5595	7124	5673	6609	10166	7715	5646
36 1964 Regional Report Surplus Deficit	5449	4581	6623	5289	5197	3067	2188	3633	5282	8311	6237	9510	8304	6539
37 1965 Regional Report Surplus Deficit	6268	6621	7358	6861	6475	5496	5088	7285	7603	7424	8068	9467	7726	5896
38 1966 Regional Report Surplus Deficit	6263	6679	6322	6086	5951	3421	3011	4504	5836	9501	7433	9101	7123	5821
39 1967 Regional Report Surplus Deficit	5535	4804	6155	4994	5236	3591	5024	6875	7682	6858	4053	9365	8066	6368
40 1968 Regional Report Surplus Deficit	6055	6110	6423	5747	6303	3470	3959	6732	8266	4897	5405	8818	7805	6011
41 1969 Regional Report Surplus Deficit	6031	6630	7977	7148	7134	4446	4994	6792	7539	9029	8051	9914	8122	6096
42 1970 Regional Report Surplus Deficit	5918	5420	6288	5536	5822	2472	3455	5085	7011	5955	6132	9868	8184	5116
43 1971 Regional Report Surplus Deficit	5349	4363	6125	5131	5268	3158	5167	7350	8351	9032	7867	9683	8400	6521
44 1972 Regional Report Surplus Deficit	6543	7229	6930	6357	6130	3884	5144	7190	8152	9270	7852	9512	7955	6453
45 1973 Regional Report Surplus Deficit	6441	7062	7164	6110	6176	3440	3451	3033	5252	4062	4687	8307	4127	3573
46 1974 Regional Report Surplus Deficit	4245	3314	5824	5249	5349	4411	5521	7437	7784	8659	7497	8700	8140	6745
47 1975 Regional Report Surplus Deficit	6426	7088	6885	5175	5269	2480	3914	5579	7805	5652	5957	9687	8301	6525
48 1976 Regional Report Surplus Deficit	6270	6827	7119	7509	7235	5925	5514	7323	7958	9180	7966	9742	8170	6411
49 1977 Regional Report Surplus Deficit	6950	7296	9959	6229	5517	1911	452	2237	3656	3798	4358	6319	-337	1771
50 1978 Regional Report Surplus Deficit	2821	2099	5223	3692	3680	4053	3272	5252	6516	9020	7576	9924	7024	5941
51 1979 Regional Report Surplus Deficit	5135	4506	7743	6218	5807	2236	1286	3173	7645	5499	6605	10179	6679	2701
52 1980 Regional Report Surplus Deficit	3281	3563	5969	4913	4790	1586	2398	2468	5198	6150	8075	10233	7902	4862
53 1981 Regional Report Surplus Deficit	3862	3355	6039	5426	5408	4824	4740	6599	7704	4094	6386	9682	8110	5996
54 1982 Regional Report Surplus Deficit	6207	6426	6441	5623	6190	3321	4391	7426	8196	9370	7607	9469	8393	6684

Regional Report Surplus Deficit By Water Year

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	6372	7061	8046	7336	6459	4065	4895	7227	8408	8636	7488	9657	8087	6318
56 1984 Regional Report Surplus Deficit	6378	7016	7020	5907	7433	4403	4483	6793	8643	9722	8161	9863	8467	6335
57 1985 Regional Report Surplus Deficit	6393	5500	7043	6030	6521	3420	2938	4059	5440	7665	7933	9848	6965	1133
58 1986 Regional Report Surplus Deficit	2933	3083	6306	5816	6915	3495	3869	7021	8950	9473	8163	9641	7594	5403
59 1987 Regional Report Surplus Deficit	5180	4185	6134	5120	5709	3601	2154	2125	7396	4626	5952	9464	6065	3412
60 1988 Regional Report Surplus Deficit	3774	2954	5648	4960	4295	1498	213	471	3784	4584	5875	8688	4667	4366
61 1989 Regional Report Surplus Deficit	4820	4143	5741	5048	4837	2713	1068	1331	6664	7254	8028	9670	6720	4316
62 1990 Regional Report Surplus Deficit	4282	3671	5949	5119	5828	3805	3153	6585	8162	6888	8332	9473	8011	5756
63 1991 Regional Report Surplus Deficit	6052	5862	6315	4965	7113	4447	4766	6529	7697	8280	6832	9567	7693	6028
64 1992 Regional Report Surplus Deficit	6209	6316	6171	5065	5107	1521	1195	2392	7460	4108	4183	8022	2144	2010
65 1993 Regional Report Surplus Deficit	2891	2523	5088	4480	4989	2101	-700	249	5327	5587	5913	9516	7310	5019
66 1994 Regional Report Surplus Deficit	5164	4209	5836	5090	5311	2323	-296	1370	6075	4344	5693	8773	5889	4145
67 1995 Regional Report Surplus Deficit	4333	2981	5493	4984	3949	2404	2334	4770	6790	7554	6365	10087	8086	5452
68 1996 Regional Report Surplus Deficit	5138	4577	6422	6803	7208	5813	5328	7706	8299	9416	8633	9918	8007	6255
69 1997 Regional Report Surplus Deficit	6261	6519	6646	5416	6124	4482	5336	7074	8021	8866	7889	9534	7889	6440
70 1998 Regional Report Surplus Deficit	6445	7231	8148	8940	7043	3503	2906	5616	6964	5345	7262	9886	8307	6003
71 1999 Regional Report Surplus Deficit	6370	5950	6326	5300	5044	3996	5208	7123	8027	8177	8185	9698	8350	6583
72 2000 Regional Report Surplus Deficit	6928	7467	7077	5804	7077	4898	3911	5900	7684	9477	8424	9817	6168	5609
73 2001 Regional Report Surplus Deficit	5930	4101	6098	5333	4628	1927	143	1783	3944	4088	4561	7608	-505	2571
74 2002 Regional Report Surplus Deficit	2950	2076	5450	3311	3571	2137	937	2149	4798	6675	8048	9499	8006	6209
75 2003 Regional Report Surplus Deficit	4259	4387	5918	5022	5139	2043	-70.9	2424	7925	6474	6875	9409	7770	3975
76 2004 Regional Report Surplus Deficit	4081	3393	5953	5367	6265	2412	1589	1659	6194	5565	6193	9471	6492	4361
77 2005 Regional Report Surplus Deficit	3090	3907	6750	5737	5560	3194	2481	4341	5107	4380	5587	9486	6881	4925
78 2006 Regional Report Surplus Deficit	4692	3548	5930	4655	5548	3262	3920	5954	8008	9482	8329	9814	8296	5693
79 2007 Regional Report Surplus Deficit	5797	3355	6287	4875	5572	3338	3746	5099	8506	8434	7002	9629	6235	5594
80 2008 Regional Report Surplus Deficit	4921	3530	6112	4602	5616	1822	1579	2772	5544	6163	4541	9574	8357	6163
Ranked Averages														
81 Bottom 10 pct	3029	2824	5733	4800	4784	2653	2057	3718	5932	6840	6497	9632	7534	5194
82 Middle 80 pct	5362	4902	6341	5660	5640	3341	3008	4746	6990	7199	6886	9397	7001	5276
83 Top 10 pct	6603	7003	7826	6311	6304	3394	3068	4598	6114	6330	6533	9065	6239	4710

Regional Report Surplus Deficit By Water Year

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	3563	3538	5833	3710	3116	1352	-202	1324	3233	2352	3790	7928	7829	1399
2 1930 Regional Report Surplus Deficit	2942	2521	5782	3577	3092	1275	-1694	1769	3068	3139	4939	7952	4416	4017
3 1931 Regional Report Surplus Deficit	3392	2265	5050	3514	3401	1233	-1524	-3.37	2458	2026	-1137	9114	3891	4115
4 1932 Regional Report Surplus Deficit	2538	1411	4763	3337	2280	1259	-1063	-223	5923	7259	6877	10799	9139	5722
5 1933 Regional Report Surplus Deficit	3653	4177	6400	3968	3367	2331	3360	5370	6901	4470	5384	10046	9239	6296
6 1934 Regional Report Surplus Deficit	4929	5142	6418	4975	5437	4998	4850	6866	7678	7144	6560	10192	7986	4417
7 1935 Regional Report Surplus Deficit	2932	2244	4616	3598	2604	1243	3280	4969	6917	2890	5550	9973	8351	5679
8 1936 Regional Report Surplus Deficit	4644	3368	5299	3440	2967	1160	-1263	1357	3689	3718	6712	11099	9064	4542
9 1937 Regional Report Surplus Deficit	3450	2854	5289	3201	3262	1217	-1469	378	2590	2530	176	9161	7012	2463
10 1938 Regional Report Surplus Deficit	3675	3005	5517	3749	2154	2383	2923	4769	7379	6651	6897	10698	8845	5743
11 1939 Regional Report Surplus Deficit	3211	2657	6085	3959	2682	1373	1593	2651	4550	4596	6177	10743	6605	4007
12 1940 Regional Report Surplus Deficit	3466	2657	5477	3966	3999	1853	898	2075	8210	5258	5625	10523	6703	3466
13 1941 Regional Report Surplus Deficit	2080	1440	5069	3572	3187	1749	242	1632	4216	1663	2889	8969	6036	3814
14 1942 Regional Report Surplus Deficit	2445	2121	6067	3588	3990	3142	2302	2216	6681	3410	5272	9689	8258	5854
15 1943 Regional Report Surplus Deficit	4105	3858	6861	3456	2396	1770	3703	5678	7409	7859	7251	10599	9292	6246
16 1944 Regional Report Surplus Deficit	4128	3532	5811	3741	3401	1461	-143	1584	2676	2122	3467	6714	2728	2175
17 1945 Regional Report Surplus Deficit	1649	677	4323	3530	2764	1164	-1125	1089	2894	2221	-672	10288	8353	2363
18 1946 Regional Report Surplus Deficit	3453	2184	4781	3570	3572	2348	2470	3322	7546	7192	7028	10725	8672	6117
19 1947 Regional Report Surplus Deficit	4844	4948	6618	3522	4310	4722	4450	6477	7491	6352	6059	10812	8755	5845
20 1948 Regional Report Surplus Deficit	4597	4568	6083	6978	5488	3527	4190	5407	7038	5522	6837	10742	8726	6137
21 1949 Regional Report Surplus Deficit	4963	5573	7056	4176	4086	2030	2128	2556	7807	6182	7126	10937	9012	2621
22 1950 Regional Report Surplus Deficit	2001	2007	4847	3750	2643	2116	4228	6198	7602	7357	6633	10289	9349	6537
23 1951 Regional Report Surplus Deficit	4904	5064	6688	5455	5799	4905	4687	7135	7581	7228	6542	10539	8896	6048
24 1952 Regional Report Surplus Deficit	4852	4388	6390	6649	5218	3565	3958	5991	7465	7606	7202	10860	9060	5808
25 1953 Regional Report Surplus Deficit	4318	4398	4908	3401	3043	1331	629	5412	7067	3786	5447	10730	9285	6121
26 1954 Regional Report Surplus Deficit	4361	4171	6402	4081	4434	2931	3659	6766	7442	5881	6261	10603	9011	6291
27 1955 Regional Report Surplus Deficit	5384	5799	8388	4259	5095	2777	1254	2687	3445	3433	4399	9922	9354	6451
28 1956 Regional Report Surplus Deficit	4970	4908	6001	4577	5411	4706	4865	6799	7045	6746	6185	10633	9275	6261
29 1957 Regional Report Surplus Deficit	4906	5327	6552	4541	4054	3207	2504	2323	7868	7489	6037	11011	9134	5541
30 1958 Regional Report Surplus Deficit	4474	3258	5905	3588	3641	2173	3062	4713	7304	5240	6951	10857	9107	5000
31 1959 Regional Report Surplus Deficit	4254	3104	5534	3773	4872	4323	4771	6765	7527	6869	5871	10431	9040	6183
32 1960 Regional Report Surplus Deficit	5008	5047	8478	7486	5517	3977	3323	5027	7150	8123	6611	10443	9045	5547
33 1961 Regional Report Surplus Deficit	4400	3409	5510	3974	3919	2272	2980	5555	7875	6014	5421	10448	8738	5230
34 1962 Regional Report Surplus Deficit	4342	3212	5568	3444	3721	1788	2703	4834	4556	7627	7011	10720	8726	5280
35 1963 Regional Report Surplus Deficit	4201	4060	5339	4780	5158	4015	3379	5100	6671	3736	5214	10980	8890	5458
36 1964 Regional Report Surplus Deficit	4121	3288	6642	3700	3530	2311	1617	3152	4792	6393	4843	10366	9242	6376
37 1965 Regional Report Surplus Deficit	4949	5299	7508	5261	4859	4758	4527	6738	7081	5497	6702	10465	8764	5709
38 1966 Regional Report Surplus Deficit	4863	5282	5656	4502	4311	2608	2446	4015	5354	7595	6041	9781	8454	5638
39 1967 Regional Report Surplus Deficit	4209	3514	5956	3405	3571	2778	4463	6328	7159	4928	2685	10160	9000	6206
40 1968 Regional Report Surplus Deficit	4728	4805	6480	4163	4677	2659	3402	6225	7817	2958	4015	9420	8833	5835
41 1969 Regional Report Surplus Deficit	4702	5303	7741	5539	5542	3591	4432	6245	7016	7117	6685	10840	9167	5915
42 1970 Regional Report Surplus Deficit	4590	4128	6101	3951	4175	1846	2892	4593	6553	4020	4738	10728	9147	4930
43 1971 Regional Report Surplus Deficit	4024	3065	5626	3541	3599	2409	4605	6803	7829	7122	6501	10609	9331	6356
44 1972 Regional Report Surplus Deficit	5223	5895	6970	4774	4484	3052	4581	6643	7630	7358	6465	10510	8894	6291
45 1973 Regional Report Surplus Deficit	5130	5722	7290	4526	4538	2662	2889	2557	4763	2120	3303	8924	5985	3412
46 1974 Regional Report Surplus Deficit	2925	2003	5273	3665	3679	3556	4959	6890	7261	6747	6131	9698	9167	6577
47 1975 Regional Report Surplus Deficit	5110	5753	7058	3581	3602	1882	3358	5081	7354	3716	4564	10584	9230	6364
48 1976 Regional Report Surplus Deficit	4946	5507	7243	5897	5641	5246	4970	6807	7436	7268	6600	10670	9195	6250
49 1977 Regional Report Surplus Deficit	5567	5878	8966	4644	3859	1315	-119	1763	3134	1857	2982	6576	1481	1622
50 1978 Regional Report Surplus Deficit	1505	788	3868	2080	1992	3201	2708	4756	6050	7112	6185	10833	8394	5757
51 1979 Regional Report Surplus Deficit	3810	3209	7503	4631	4164	1654	715	2697	7192	3562	5210	11059	8197	2562
52 1980 Regional Report Surplus Deficit	1971	2256	5597	3320	3122	1165	1829	1998	4703	4217	6692	11161	8897	4678
53 1981 Regional Report Surplus Deficit	2545	2034	5913	3842	3753	3984	4195	6091	7255	2152	4991	10533	9037	5830
54 1982 Regional Report Surplus Deficit	4890	5109	6504	4037	4561	2540	3840	6879	7673	7458	6220	10387	9319	6516

Regional Report Surplus Deficit By Water Year

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2015 White Book Report Date: **6/30/2015** *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	5052	5727	7901	5732	4834	3221	4348	6716	7886	6719	6098	10552	9097	6150
56 1984 Regional Report Surplus Deficit	5060	5610	7126	4323	5835	3548	3931	6286	8192	7816	6787	10762	9399	6167
57 1985 Regional Report Surplus Deficit	5067	4201	7151	4447	4890	2628	2373	3575	4953	5740	6553	10752	8390	1038
58 1986 Regional Report Surplus Deficit	1636	1747	5891	4232	5309	2670	3311	6511	8428	7568	6789	10470	8722	5214
59 1987 Regional Report Surplus Deficit	3857	2885	5352	3526	4052	2790	1583	1657	6943	2685	4559	10261	7620	3253
60 1988 Regional Report Surplus Deficit	2459	1624	4923	3373	2623	1077	-353	11.0	3262	2643	4483	9256	6520	4185
61 1989 Regional Report Surplus Deficit	3418	2767	5152	3460	3164	1990	497	867	6200	5326	6653	10484	8238	4141
62 1990 Regional Report Surplus Deficit	2891	2279	5256	3533	4188	2952	2589	6073	7638	4959	6957	10287	9011	5567
63 1991 Regional Report Surplus Deficit	4651	4487	5803	3370	5519	3601	4222	6020	7248	6363	5439	10421	8776	5866
64 1992 Regional Report Surplus Deficit	4884	4999	5704	3475	3442	1086	623	1920	7011	2165	2803	8605	4047	1857
65 1993 Regional Report Surplus Deficit	1573	1211	4413	2896	3326	1473	-1252	-209	4837	3651	4522	10375	8717	4833
66 1994 Regional Report Surplus Deficit	3761	2837	5767	3504	3659	1615	-853	904	5603	2403	4302	9393	7509	3971
67 1995 Regional Report Surplus Deficit	3005	1667	5287	3400	2264	1740	1763	4281	6324	5632	4970	10938	9079	5262
68 1996 Regional Report Surplus Deficit	3739	3203	6463	5204	5555	5134	4766	7159	7777	7504	7267	10834	8990	6093
69 1997 Regional Report Surplus Deficit	4865	5128	6509	3829	4487	3626	4775	6527	7499	6954	6523	10461	8815	6277
70 1998 Regional Report Surplus Deficit	5050	5821	7996	7237	5451	2717	2337	5119	6504	3408	5869	10813	9240	5817
71 1999 Regional Report Surplus Deficit	4970	4581	5870	3709	3373	3158	4646	6576	7505	6259	6806	10561	9323	6421
72 2000 Regional Report Surplus Deficit	5544	6057	7202	4221	5472	4062	3354	5400	7233	7568	7049	10719	7838	5421
73 2001 Regional Report Surplus Deficit	4526	2715	5225	3747	2954	1343	-427	1312	3431	2147	3182	8056	1276	2407
74 2002 Regional Report Surplus Deficit	1557	678	4021	1702	1885	1523	366	1679	4297	4744	6672	10311	8942	6042
75 2003 Regional Report Surplus Deficit	2941	3082	5488	3501	3550	1419	-633	1951	7475	4543	5481	10218	8877	3807
76 2004 Regional Report Surplus Deficit	2690	1997	4983	3784	4656	1744	1018	1194	5723	3629	4798	10229	8024	4185
77 2005 Regional Report Surplus Deficit	1709	2521	6858	4152	3918	2365	1915	3851	4621	2440	4194	10318	8335	4738
78 2006 Regional Report Surplus Deficit	3295	2166	5371	3066	3900	2463	3363	5454	7558	7576	6955	10737	9241	5504
79 2007 Regional Report Surplus Deficit	4394	1956	4884	3283	3914	2529	3191	4603	7982	6520	5608	10494	7845	5408
80 2008 Regional Report Surplus Deficit	3525	2136	4682	3018	3989	1252	1008	2295	5061	4229	3170	10478	9285	5979
Ranked Averages														
81 Bottom 10 pct	1700	1486	4977	3208	3120	1960	1498	3234	5429	4914	5127	10506	8713	5020
82 Middle 80 pct	4020	3578	5952	4113	3988	2610	2423	4230	6470	5206	5492	10210	8225	5098
83 Top 10 pct	5261	5614	7519	4347	4722	2741	2702	4249	5838	4951	5263	9844	7571	4596

Regional Report Surplus Deficit By Water Year

Operating Year 2023

2015 White Book Report Date: 6/30/2015

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	3117	3082	5353	3218	2561	609	-676	896	2698	2392	3586	7301	5589	1814
2 1930 Regional Report Surplus Deficit	2496	1992	5297	3084	2545	535	-2163	1341	2559	3267	4700	7288	1915	4286
3 1931 Regional Report Surplus Deficit	2938	1744	4567	3021	2857	484	-1992	-504	2006	2045	-1163	8070	1406	4323
4 1932 Regional Report Surplus Deficit	2093	781	4287	2845	1717	515	-1530	-769	5262	7483	6629	9398	7426	5503
5 1933 Regional Report Surplus Deficit	3207	3744	5913	3475	2817	1567	2790	4892	6243	4648	5143	8548	7566	5615
6 1934 Regional Report Surplus Deficit	4418	4702	5933	4482	4884	4280	4348	6272	7229	7362	6311	8831	6111	4569
7 1935 Regional Report Surplus Deficit	2487	1678	4138	3105	2037	510	2714	4516	6260	2978	5308	8773	6259	5424
8 1936 Regional Report Surplus Deficit	4146	2878	4823	2949	2416	416	-1732	929	3136	3856	6463	9714	7296	4770
9 1937 Regional Report Surplus Deficit	3005	2307	4812	2710	2718	470	-1936	-76.0	2109	2592	91.4	8215	4644	2866
10 1938 Regional Report Surplus Deficit	3226	2485	5037	3257	1571	1622	2377	4329	6934	6871	6655	9281	6954	5565
11 1939 Regional Report Surplus Deficit	2765	2076	5600	3466	2120	639	1093	2245	3963	4775	5927	9459	4245	4299
12 1940 Regional Report Surplus Deficit	3018	2116	4996	3474	3451	1096	410	1650	7763	5454	5379	9274	4357	3808
13 1941 Regional Report Surplus Deficit	1631	799	4588	3080	2641	999	-230	1204	3616	1696	2687	7855	3700	4020
14 1942 Regional Report Surplus Deficit	2000	1568	5576	3096	3445	2364	1777	1804	6015	3539	5029	8510	6241	5396
15 1943 Regional Report Surplus Deficit	3632	3415	6362	2964	1820	1027	3128	5216	6864	8077	7001	9255	7625	5566
16 1944 Regional Report Surplus Deficit	3671	3053	5334	3249	2853	722	-618	1163	2202	2182	3271	6328	215	2547
17 1945 Regional Report Surplus Deficit	1203	52.8	3844	3038	2212	416	-1593	627	2416	2260	-703	8987	6532	2774
18 1946 Regional Report Surplus Deficit	3004	1599	4306	3079	3026	1587	1947	2917	7101	7416	6787	9335	6708	5636
19 1947 Regional Report Surplus Deficit	4347	4513	6131	3031	3765	3938	3858	5967	7045	6568	5811	9434	6903	5547
20 1948 Regional Report Surplus Deficit	4106	4134	5600	6483	4902	2746	3602	4945	6377	5723	6588	9317	7059	5516
21 1949 Regional Report Surplus Deficit	4464	5108	6562	3684	3542	1275	1599	2149	7360	6394	6878	9538	7197	3024
22 1950 Regional Report Surplus Deficit	1540	1323	4372	3258	2076	1356	3641	5701	7154	7575	6384	8667	7678	5866
23 1951 Regional Report Surplus Deficit	4397	4629	6202	4961	5213	4121	4185	6661	7132	7445	6300	9157	7047	5421
24 1952 Regional Report Surplus Deficit	4352	3951	5907	6154	4650	2784	3371	5517	6814	7824	6960	9432	7243	5581
25 1953 Regional Report Surplus Deficit	3828	3960	4434	2910	2493	587	152	4966	6402	3928	5208	9376	7620	5714
26 1954 Regional Report Surplus Deficit	3897	3726	5918	3589	3887	2159	3092	6244	6996	6084	6012	9231	7325	5630
27 1955 Regional Report Surplus Deficit	4932	5321	7869	3767	4522	2003	766	2283	2887	3548	4170	8664	7684	5781
28 1956 Regional Report Surplus Deficit	4464	4474	5522	4085	4827	3922	4316	6325	6597	6964	5943	9209	7607	5615
29 1957 Regional Report Surplus Deficit	4397	4881	6067	4049	3510	2432	1968	1910	7233	7713	5789	9556	7469	5422
30 1958 Regional Report Surplus Deficit	4008	2748	5423	3096	3096	1419	2518	4292	6654	5434	6702	9438	7404	5118
31 1959 Regional Report Surplus Deficit	3792	2584	5055	3281	4311	3538	4181	6228	7080	7090	5624	8960	7362	5504
32 1960 Regional Report Surplus Deficit	4501	4610	7963	6991	4969	3192	2752	4581	6484	8341	6362	9173	7306	5328
33 1961 Regional Report Surplus Deficit	3929	2909	5032	3482	3375	1510	2424	5100	7427	6226	5178	9061	7068	5135
34 1962 Regional Report Surplus Deficit	3875	2748	5089	2952	3177	1037	2163	4395	3948	7851	6759	9351	6790	5285
35 1963 Regional Report Surplus Deficit	3738	3615	4865	4287	4586	3231	2804	4665	6003	3866	4978	9685	7033	5335
36 1964 Regional Report Surplus Deficit	3654	2808	6153	3208	2984	1550	1119	2747	4174	6610	4614	9030	7563	5698
37 1965 Regional Report Surplus Deficit	4438	4846	7006	4767	4299	3975	4025	6264	6632	5692	6461	8844	7008	5563
38 1966 Regional Report Surplus Deficit	4355	4834	5178	4009	3764	1839	1921	3598	4718	7818	5793	8656	6482	5363
39 1967 Regional Report Surplus Deficit	3738	3035	5474	2913	3025	2009	3889	5852	6713	5109	2510	8772	7325	5531
40 1968 Regional Report Surplus Deficit	4234	4372	5993	3671	4124	1890	2846	5741	7187	3068	3795	8417	7085	5402
41 1969 Regional Report Surplus Deficit	4200	4849	7228	5045	4957	2810	3930	5769	6570	7335	6443	9428	7406	5584
42 1970 Regional Report Surplus Deficit	4109	3685	5619	3459	3631	1100	2356	4167	5884	4164	4507	9388	7448	5096
43 1971 Regional Report Surplus Deficit	3573	2544	5147	3050	3052	1648	4104	6329	7380	7345	6259	9196	7660	5757
44 1972 Regional Report Surplus Deficit	4712	5419	6481	4281	3939	2279	4080	6168	7181	7576	6215	8889	7216	5611
45 1973 Regional Report Surplus Deficit	4641	5244	6795	4034	3991	1898	2352	2150	4143	2139	3099	7895	3578	3772
46 1974 Regional Report Surplus Deficit	2479	1414	4795	3173	3132	2775	4457	6416	6813	6965	5890	8077	7487	5931
47 1975 Regional Report Surplus Deficit	4603	5275	6566	3090	3055	1138	2799	4637	6696	3855	4337	9143	7560	5683
48 1976 Regional Report Surplus Deficit	4439	5057	6748	5403	5054	4467	4382	6275	6988	7486	6358	9244	7449	5580
49 1977 Regional Report Surplus Deficit	5137	5400	8462	4151	3315	571	-598	1353	2606	1878	2794	6190	-1025	2010
50 1978 Regional Report Surplus Deficit	1060	188	3392	1589	1414	2423	2172	4319	5387	7335	5937	9387	6393	5509
51 1979 Regional Report Surplus Deficit	3361	2698	6991	4138	3618	912	228	2290	6526	3693	4971	9702	6083	2966
52 1980 Regional Report Surplus Deficit	1521	1688	5117	2829	2575	435	1322	1577	4097	4381	6443	9737	7174	4898
53 1981 Regional Report Surplus Deficit	2100	1403	5428	3350	3210	3200	3605	5599	6604	2198	4755	9201	7373	5232
54 1982 Regional Report Surplus Deficit	4381	4664	6017	3545	4009	1775	3264	6404	7224	7676	5971	8878	7654	5871

Regional Report Surplus Deficit By Water Year

Operating Year 2023

2015 White Book Report Date: **6/30/2015** *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	4540	5255	7392	5239	4280	2446	3762	6207	7437	6937	5849	9182	7362	5587
56 1984 Regional Report Surplus Deficit	4548	5148	6634	3831	5252	2768	3359	5801	7571	8039	6537	9389	7727	5615
57 1985 Regional Report Surplus Deficit	4568	3749	6658	3954	4340	1862	1847	3168	4328	5942	6304	9375	6347	1444
58 1986 Regional Report Surplus Deficit	1154	1063	5411	3739	4740	1899	2756	6011	7979	7791	6540	9160	6900	5258
59 1987 Regional Report Surplus Deficit	3409	2353	4876	3035	3509	2021	1088	1223	6275	2759	4333	8985	5477	3617
60 1988 Regional Report Surplus Deficit	2013	952	4446	2881	2073	347	-821	-494	2735	2702	4260	8310	4117	4421
61 1989 Regional Report Surplus Deficit	2966	2244	4673	2969	2614	1232	21.5	396	5535	5517	6404	9189	6123	4429
62 1990 Regional Report Surplus Deficit	2445	1664	4779	3041	3641	2173	2057	5560	7111	5145	6708	8993	7284	5462
63 1991 Regional Report Surplus Deficit	4150	4055	5324	2879	4933	2818	3630	5526	6601	6580	5193	9087	6987	5194
64 1992 Regional Report Surplus Deficit	4373	4561	5225	2984	2896	358	140	1502	6358	2185	2607	7632	1579	2235
65 1993 Regional Report Surplus Deficit	1127	625	3936	2404	2781	726	-1720	-735	4219	3789	4300	9036	6687	5005
66 1994 Regional Report Surplus Deficit	3307	2339	5281	3012	3115	859	-1321	456	4948	2455	4083	8360	5314	4263
67 1995 Regional Report Surplus Deficit	2558	1087	4804	2907	1694	989	1261	3867	5661	5841	4733	9607	7358	5309
68 1996 Regional Report Surplus Deficit	3293	2692	5974	4710	5027	4412	4265	6685	7328	7722	7026	9432	7276	5412
69 1997 Regional Report Surplus Deficit	4354	4685	6025	3337	3939	2845	4273	6053	7050	7171	6282	9042	7150	5603
70 1998 Regional Report Surplus Deficit	4538	5345	7486	6742	4867	1951	1823	4676	5836	3530	5622	9397	7567	5622
71 1999 Regional Report Surplus Deficit	4466	4144	5391	3217	2824	2383	4127	6100	7056	6476	6557	9209	7617	5740
72 2000 Regional Report Surplus Deficit	5072	5580	6707	3728	4894	3278	2798	4944	6572	7791	6800	9344	5602	5311
73 2001 Regional Report Surplus Deficit	4052	2126	4749	3255	2403	601	-903	891	2873	2198	2987	7327	-1209	2753
74 2002 Regional Report Surplus Deficit	1112	37.3	3545	1212	1310	778	-110	1257	3707	4920	6423	9018	7265	5460
75 2003 Regional Report Surplus Deficit	2494	2550	5008	3009	3006	673	-1099	1538	6825	4721	5237	8928	7070	4135
76 2004 Regional Report Surplus Deficit	2243	1376	4507	3292	4090	993	530	740	5067	3776	4563	8998	5899	4471
77 2005 Regional Report Surplus Deficit	1254	1932	6359	3659	3373	1593	1390	3432	3995	2525	3966	9004	6270	4878
78 2006 Regional Report Surplus Deficit	2848	1598	4892	2575	3356	1695	2804	5000	6934	7799	6705	9334	7557	5441
79 2007 Regional Report Surplus Deficit	3931	1313	4410	2792	3371	1761	2629	4168	7537	6740	5362	9150	5659	5221
80 2008 Regional Report Surplus Deficit	3080	1513	4207	2526	3436	512	519	1890	4428	4385	2989	9101	7617	5716
Ranked Averages														
81 Bottom 10 pct	1246	864	4497	2716	2560	1203	982	2774	4869	5072	4911	9125	6862	4956
82 Middle 80 pct	3548	3073	5467	3621	3433	1849	1900	3772	5914	5373	5261	8929	6321	4928
83 Top 10 pct	4777	5142	7022	3854	4164	1975	2175	3813	5248	5096	5032	8611	5586	4403

Regional Report Surplus Deficit By Water Year

Operating Year 2024

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	2592	2637	4981	2907	2528	290	-888	622	2514	3018	4101	7114	6419	579
2 1930 Regional Report Surplus Deficit	1970	1587	4920	2775	2518	213	-2368	1067	2362	3956	5269	7124	3123	3170
3 1931 Regional Report Surplus Deficit	2435	1335	4191	2712	2810	173	-2202	-772	1779	2652	-809	8157	2551	3264
4 1932 Regional Report Surplus Deficit	1558	424	3923	2535	1661	197	-1742	-1052	5149	8020	7267	9787	8108	4854
5 1933 Regional Report Surplus Deficit	2686	3278	5534	3167	2791	1281	2612	4740	6137	5321	5716	9017	8258	5407
6 1934 Regional Report Surplus Deficit	3922	4226	5555	4176	4915	4084	4191	6231	7042	8019	6951	9160	6802	3563
7 1935 Regional Report Surplus Deficit	1951	1291	3770	2797	1969	180	2535	4340	6153	3648	5885	8967	7012	4809
8 1936 Regional Report Surplus Deficit	3663	2453	4461	2638	2388	98.0	-1941	654	2962	4546	7088	10076	7976	3692
9 1937 Regional Report Surplus Deficit	2478	1911	4446	2398	2682	156	-2147	-351	1897	3240	491	8236	5584	1633
10 1938 Regional Report Surplus Deficit	2713	2076	4665	2947	1412	1330	2190	4138	6746	7446	7321	9667	7648	4875
11 1939 Regional Report Surplus Deficit	2224	1696	5222	3157	2068	311	889	1985	3807	5448	6534	9715	5176	3162
12 1940 Regional Report Surplus Deficit	2502	1717	4620	3166	3327	796	201	1376	7576	6102	5969	9504	5273	2626
13 1941 Regional Report Surplus Deficit	1071	446	4214	2771	2614	689	-443	929	3467	2315	3199	7989	4607	2963
14 1942 Regional Report Surplus Deficit	1466	1175	5199	2786	3351	2112	1582	1534	5911	4228	5609	8689	6966	4978
15 1943 Regional Report Surplus Deficit	3146	2960	5992	2653	1719	708	2952	5049	6755	8735	7644	9564	8321	5357
16 1944 Regional Report Surplus Deficit	3173	2621	4965	2938	2827	399	-830	889	1986	2830	3776	5990	1543	1338
17 1945 Regional Report Surplus Deficit	670	-307	3473	2729	2185	103	-1803	352	2202	2886	-345	9257	7216	1535
18 1946 Regional Report Surplus Deficit	2492	1221	3956	2768	2998	1295	1752	2671	6913	7956	7452	9706	7418	5240
19 1947 Regional Report Surplus Deficit	3864	4040	5753	2719	3675	3747	3686	5845	6857	7163	6409	9786	7591	4974
20 1948 Regional Report Surplus Deficit	3624	3670	5223	6187	4489	2507	3429	4778	6272	6361	7218	9745	7754	5254
21 1949 Regional Report Surplus Deficit	3954	4627	6187	3375	3475	973	1406	1885	7173	7002	7516	9925	7880	1791
22 1950 Regional Report Surplus Deficit	945	992	4022	2948	2005	1062	3468	5567	6967	8172	7003	9265	8376	5644
23 1951 Regional Report Surplus Deficit	3911	4156	5823	4657	4838	3931	4028	6508	6945	8104	6967	9516	7735	5165
24 1952 Regional Report Surplus Deficit	3868	3491	5530	5856	4337	2546	3199	5361	6706	8369	7626	9865	7927	4939
25 1953 Regional Report Surplus Deficit	3346	3501	4084	2598	2467	270	-59.5	4782	6297	4618	5777	9696	8319	5246
26 1954 Regional Report Surplus Deficit	3405	3273	5540	3280	3760	1890	2913	6132	6808	6718	6613	9573	8011	5397
27 1955 Regional Report Surplus Deficit	4402	4835	7531	3458	4173	1741	558	2027	2716	4234	4720	8900	8378	5558
28 1956 Regional Report Surplus Deficit	3960	4002	5149	3777	4417	3731	4137	6172	6410	7622	6609	9636	8302	5377
29 1957 Regional Report Surplus Deficit	3908	4404	5689	3741	3452	2173	1777	1640	7119	8257	6387	10026	8174	4676
30 1958 Regional Report Surplus Deficit	3518	2333	5046	2785	3060	1115	2331	4077	6545	6087	7325	9857	8087	4144
31 1959 Regional Report Surplus Deficit	3299	2174	4683	2971	4055	3334	4006	6130	6892	7653	6215	9400	8051	5293
32 1960 Regional Report Surplus Deficit	3998	4135	7612	6697	5060	2986	2574	4397	6380	8986	6985	9419	7986	4679
33 1961 Regional Report Surplus Deficit	3441	2489	4661	3173	3326	1220	2242	4925	7240	6833	5757	9426	7761	4366
34 1962 Regional Report Surplus Deficit	3385	2308	4716	2641	3136	728	1974	4203	3804	8386	7405	9689	7494	4420
35 1963 Regional Report Surplus Deficit	3246	3162	4507	3980	4242	3015	2628	4468	5898	4555	5541	9950	7722	4592
36 1964 Regional Report Surplus Deficit	3164	2377	5775	2898	2957	1258	915	2498	4036	7198	5166	9331	8252	5485
37 1965 Regional Report Surplus Deficit	3942	4368	6639	4463	4039	3788	3868	6111	6445	6341	7126	9505	7688	4843
38 1966 Regional Report Surplus Deficit	3868	4356	4810	3702	3644	1564	1726	3377	4589	8354	6389	8798	7194	4768
39 1967 Regional Report Surplus Deficit	3250	2604	5097	2603	2996	1734	3716	5701	6525	5779	2992	9134	8015	5319
40 1968 Regional Report Surplus Deficit	3752	3900	5614	3362	3934	1614	2663	5595	7071	3751	4331	8476	7765	4960
41 1969 Regional Report Surplus Deficit	3717	4371	6881	4742	4544	2574	3773	5618	6382	7994	7109	9836	8087	5043
42 1970 Regional Report Surplus Deficit	3625	3230	5243	3149	3544	785	2166	3958	5778	4854	5060	9693	8132	4076
43 1971 Regional Report Surplus Deficit	3066	2135	4777	2739	3026	1355	3947	6176	7193	7891	6925	9605	8351	5474
44 1972 Regional Report Surplus Deficit	4217	4935	6103	3973	3850	2012	3912	6016	6994	8232	6824	9595	7904	5400
45 1973 Regional Report Surplus Deficit	4125	4757	6420	3725	3864	1612	2162	1885	4006	2746	3614	7972	4567	2574
46 1974 Regional Report Surplus Deficit	1951	1038	4424	2863	3106	2534	4300	6263	6626	7624	6555	8783	8199	5682
47 1975 Regional Report Surplus Deficit	4100	4789	6189	2778	3028	821	2617	4451	6590	4545	4884	9554	8253	5475
48 1976 Regional Report Surplus Deficit	3953	4579	6374	5101	4676	4284	4205	6172	6800	8145	7024	9673	8130	5363
49 1977 Regional Report Surplus Deficit	4601	4914	8072	3844	3269	253	-809	1085	2418	2484	3290	5852	410	788
50 1978 Regional Report Surplus Deficit	525	-184	3043	1276	1301	2172	1982	4125	5276	7873	6536	9809	7113	4887
51 1979 Regional Report Surplus Deficit	2850	2284	6641	3832	3515	592	19.4	2025	6421	4383	5540	10025	6845	1731
52 1980 Regional Report Surplus Deficit	956	1302	4744	2518	2549	98.5	1121	1303	3952	5064	7064	10163	7855	3828
53 1981 Regional Report Surplus Deficit	1559	1046	5050	3041	3155	2981	3432	5461	6496	2831	5318	9498	8073	4949
54 1982 Regional Report Surplus Deficit	3880	4188	5639	3236	3829	1490	3088	6252	7037	8246	6582	9371	8351	5621

Regional Report Surplus Deficit By Water Year

Operating Year 2024

2015 White Book Report Date: **6/30/2015** *Continued*

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	4048	4772	7038	4935	4079	2186	3589	6084	7250	7520	6451	9522	8043	5270
56 1984 Regional Report Surplus Deficit	4052	4668	6257	3522	4934	2525	3182	5656	7452	8575	7179	9734	8418	5287
57 1985 Regional Report Surplus Deficit	4085	3301	6282	3645	4175	1580	1653	2928	4193	6579	6930	9726	7081	224
58 1986 Regional Report Surplus Deficit	539	733	5037	3430	4413	1628	2573	5880	7792	8331	7180	9438	7584	4355
59 1987 Regional Report Surplus Deficit	2894	1949	4510	2724	3458	1745	883	947	6171	3419	4878	9235	6252	2415
60 1988 Regional Report Surplus Deficit	1465	613	4081	2571	2047	10.7	-1034	-761	2547	3349	4801	8332	5100	3336
61 1989 Regional Report Surplus Deficit	2460	1835	4303	2658	2587	934	-191	123	5425	6175	7042	9454	6885	3296
62 1990 Regional Report Surplus Deficit	1905	1300	4411	2731	3523	1924	1865	5441	6989	5809	7344	9257	7965	4702
63 1991 Regional Report Surplus Deficit	3666	3588	4952	2568	4567	2593	3458	5390	6492	7165	5782	9386	7668	4979
64 1992 Regional Report Surplus Deficit	3878	4086	4854	2673	2867	23.6	-69.9	1230	6251	2791	3113	7672	2677	1021
65 1993 Regional Report Surplus Deficit	590	247	3569	2095	2748	412	-1926	-997	4081	4480	4839	9340	7417	3980
66 1994 Regional Report Surplus Deficit	2805	1918	4903	2702	3049	558	-1531	180	4831	3093	4619	8440	6117	3125
67 1995 Regional Report Surplus Deficit	2042	707	4427	2598	1612	681	1058	3642	5550	6458	5298	9903	8038	4403
68 1996 Regional Report Surplus Deficit	2772	2278	5596	4406	5314	4214	4108	6532	7141	8380	7691	9816	7958	5204
69 1997 Regional Report Surplus Deficit	3863	4208	5647	3027	3804	2606	4116	5900	6863	7830	6947	9462	7848	5385
70 1998 Regional Report Surplus Deficit	4045	4861	7133	6447	4456	1667	1624	4488	5729	4217	6213	9811	8257	4949
71 1999 Regional Report Surplus Deficit	3982	3684	5018	2906	2798	2121	3952	5949	6869	7065	7185	9526	8299	5531
72 2000 Regional Report Surplus Deficit	4549	5095	6332	3419	4657	3061	2615	4770	6467	8330	7442	9691	6430	4556
73 2001 Regional Report Surplus Deficit	3566	1750	4385	2945	2375	281	-1115	618	2702	2837	3491	7206	279	1567
74 2002 Regional Report Surplus Deficit	574	-315	3196	897	1214	462	-322	983	3553	5596	7057	9281	7954	5161
75 2003 Regional Report Surplus Deficit	1939	2146	4636	2699	2947	358	-1312	1268	6717	5394	5820	9189	7753	2965
76 2004 Regional Report Surplus Deficit	1691	1015	4146	2983	3789	685	322	465	4951	4466	5124	9214	6666	3340
77 2005 Regional Report Surplus Deficit	674	1555	5989	3352	3265	1325	1195	3214	3861	3193	4514	9285	7012	3883
78 2006 Regional Report Surplus Deficit	2329	1211	4521	2264	3273	1416	2623	4824	6816	8334	7347	9726	8244	4640
79 2007 Regional Report Surplus Deficit	3439	961	4060	2481	3324	1484	2448	3971	7349	7305	5950	9458	6457	4540
80 2008 Regional Report Surplus Deficit	2554	1153	3857	2216	3248	190	311	1627	4298	5072	3477	9451	8311	5109
Ranked Averages														
81 Bottom 10 pct	684	503	4134	2406	2460	908	786	2554	4710	5699	5481	9480	7566	4159
82 Middle 80 pct	3042	2646	5098	3312	3320	1574	1711	3570	5763	6004	5852	9215	7086	4233
83 Top 10 pct	4266	4662	6648	3546	3994	1700	1986	3602	5104	5716	5610	8878	6430	3733

Regional Report Surplus Deficit By Water Year

Operating Year 2025

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	2296	2142	4653	2714	1952	15.2	-1153	255	2192	1637	3148	6510	4912	1344
2 1930 Regional Report Surplus Deficit	1675	1103	4281	2599	1914	-47.0	-2598	701	2038	2545	4304	6494	1422	3902
3 1931 Regional Report Surplus Deficit	2101	851	3660	2545	2216	-140	-2433	-1048	1451	1287	-1738	7258	882	3932
4 1932 Regional Report Surplus Deficit	1284	-54.8	3956	2357	1128	-85.9	-1977	-1258	4840	6631	6293	8714	6722	4991
5 1933 Regional Report Surplus Deficit	2381	2771	4797	3002	2194	886	2266	4254	5833	3908	4750	7978	6888	4906
6 1934 Regional Report Surplus Deficit	3608	3710	4917	4022	4346	3651	3859	5688	7110	6956	5978	8100	5385	4168
7 1935 Regional Report Surplus Deficit	1681	810	3623	2638	1457	-38.0	2191	3858	5850	2248	4918	7973	5548	4899
8 1936 Regional Report Surplus Deficit	3363	1965	4536	2445	1798	-181	-2171	290	2641	3132	6113	9012	6579	4381
9 1937 Regional Report Surplus Deficit	2185	1429	4365	2186	2080	-145	-2382	-680	1571	1849	-443	7403	4019	2451
10 1938 Regional Report Surplus Deficit	2392	1591	4360	2774	1042	950	1858	3660	6622	6054	6588	8607	6227	5069
11 1939 Regional Report Surplus Deficit	1967	1216	4574	2993	1529	87.4	592	1566	3489	4034	5561	8679	3616	3915
12 1940 Regional Report Surplus Deficit	2186	1234	4156	3011	2812	442	-83.0	1005	7457	4694	4999	8483	3721	3422
13 1941 Regional Report Surplus Deficit	875	-32.0	3813	2600	2009	372	-704	564	3150	938	2246	7046	3059	3628
14 1942 Regional Report Surplus Deficit	1191	693	4380	2618	2802	1667	1264	1140	5606	2816	4641	7707	5520	4791
15 1943 Regional Report Surplus Deficit	2815	2461	5132	2458	1261	433	2604	4565	6452	7603	6672	8508	6956	4857
16 1944 Regional Report Surplus Deficit	2836	2132	4800	2738	2226	146	-1098	513	1659	1440	2825	5574	-219	2153
17 1945 Regional Report Surplus Deficit	393	-786	3210	2568	1595	-200	-2031	33.3	1876	1505	-1274	8214	5808	2346
18 1946 Regional Report Surplus Deficit	2170	741	4479	2574	2393	916	1436	2230	6849	6568	6519	8639	5983	5023
19 1947 Regional Report Surplus Deficit	3563	3527	5024	2511	3122	3335	3331	5359	6891	5766	5437	8724	6177	5007
20 1948 Regional Report Surplus Deficit	3314	3165	4665	5897	4360	2057	3075	4294	5968	4954	6243	8651	6389	4840
21 1949 Regional Report Surplus Deficit	3548	4111	5325	3209	2899	623	1085	1474	7222	5602	6543	8853	6474	2607
22 1950 Regional Report Surplus Deficit	875	526	4545	2768	1497	689	3114	5080	6997	6783	6028	8205	7010	5157
23 1951 Regional Report Surplus Deficit	3617	3643	5108	4498	4687	3522	3904	6215	6991	7040	6215	8452	6321	4741
24 1952 Regional Report Surplus Deficit	3571	2989	4947	5614	4052	2095	2845	4876	6402	6978	6713	8768	6520	5067
25 1953 Regional Report Surplus Deficit	3035	2999	4590	2388	1871	-12.7	-331	4302	5993	3204	4812	8638	6959	5130
26 1954 Regional Report Surplus Deficit	3068	2775	4942	3109	3247	1463	2569	5647	6860	5313	5641	8512	6635	4924
27 1955 Regional Report Surplus Deficit	3765	4350	7562	3295	3937	1304	273	1600	2395	2825	3759	7876	7010	5072
28 1956 Regional Report Surplus Deficit	3597	3489	4803	3620	4275	3319	3789	5798	6430	6501	6048	8543	6936	4926
29 1957 Regional Report Surplus Deficit	3612	3886	5048	3583	2868	1734	1452	1247	6817	6868	5415	8901	6819	4945
30 1958 Regional Report Surplus Deficit	3182	1848	4530	2596	2458	774	2001	3610	6242	4678	6350	8769	6705	4709
31 1959 Regional Report Surplus Deficit	2961	1690	4385	2790	3697	2903	3654	5644	6952	6262	5245	8340	6678	4793
32 1960 Regional Report Surplus Deficit	3643	3620	7683	6408	4426	2552	2228	3917	6075	7531	6010	8389	6594	4816
33 1961 Regional Report Surplus Deficit	3108	2002	4425	3010	2734	835	1904	4443	7298	5434	4790	8361	6393	4666
34 1962 Regional Report Surplus Deficit	3050	1815	4370	2441	2537	403	1646	3725	3488	6995	6436	8629	6064	4847
35 1963 Regional Report Surplus Deficit	2908	2664	4771	3827	3999	2571	2280	3992	5593	3143	4577	8909	6307	4858
36 1964 Regional Report Surplus Deficit	2828	1888	5005	2707	2352	878	620	2061	3720	5803	4205	8277	6879	4988
37 1965 Regional Report Surplus Deficit	3625	3850	5811	4300	3686	3385	3748	5810	6471	4933	6460	8429	6293	5077
38 1966 Regional Report Surplus Deficit	3574	3839	4650	3546	3124	1146	1409	2913	4276	6961	5418	7847	5757	4831
39 1967 Regional Report Surplus Deficit	2918	2114	4583	2411	2391	1316	3362	5379	6562	4367	2045	8102	6644	4827
40 1968 Regional Report Surplus Deficit	3446	3389	4877	3198	3494	1197	2325	5109	6769	2343	3374	7604	6372	4808
41 1969 Regional Report Surplus Deficit	3420	3853	6368	4568	4413	2123	3646	5318	6416	6827	6325	8754	6690	5030
42 1970 Regional Report Surplus Deficit	3304	2731	4722	2970	2988	486	1841	3488	5471	3440	4099	8638	6751	4697
43 1971 Regional Report Surplus Deficit	2736	1651	4533	2547	2423	978	3717	5819	7246	6502	6106	8523	6982	5091
44 1972 Regional Report Surplus Deficit	3906	4427	5313	3817	3297	1582	3558	5713	7020	7170	5851	8566	6531	4901
45 1973 Regional Report Surplus Deficit	3669	4264	5555	3567	3352	1217	1836	1476	3691	1380	2661	7082	2977	3381
46 1974 Regional Report Surplus Deficit	1661	558	4163	2692	2504	2084	3979	5873	6641	6525	5991	7810	6837	5230
47 1975 Regional Report Surplus Deficit	3744	4288	5342	2570	2424	539	2277	3972	6285	3132	3924	8493	6886	4974
48 1976 Regional Report Surplus Deficit	3659	4061	5507	4923	4528	3900	3855	5689	6850	6999	6102	8578	6736	4879
49 1977 Regional Report Surplus Deficit	3863	4429	7952	3689	2674	-28.3	-1082	685	2096	1112	2341	5436	-1407	1608
50 1978 Regional Report Surplus Deficit	251	-663	3566	1010	861	1726	1656	3648	4967	6484	5565	8746	5671	4987
51 1979 Regional Report Surplus Deficit	2526	1799	6075	3679	2977	320	-263	1616	6116	2970	4575	8966	5376	2549
52 1980 Regional Report Surplus Deficit	775	821	4383	2315	1945	-79.9	818	926	3636	3650	6089	9071	6467	4508
53 1981 Regional Report Surplus Deficit	1301	567	4410	2873	2568	2534	3078	4974	6193	1447	4354	8445	6714	4567
54 1982 Regional Report Surplus Deficit	3542	3670	4900	3060	3378	1093	2740	5949	7063	6857	5608	8303	6988	5170

Regional Report Surplus Deficit By Water Year

Operating Year 2025

2015 White Book Report Date: **6/30/2015** *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	3744	4260	6393	4768	3653	1747	3236	5597	7279	6126	5479	8462	6652	4937
56 1984 Regional Report Surplus Deficit	3737	4151	5410	3356	4731	2075	2835	5170	7150	7181	6206	8672	7048	4971
57 1985 Regional Report Surplus Deficit	3786	2805	5433	3478	3706	1176	1335	2480	3879	5174	5954	8663	5629	933
58 1986 Regional Report Surplus Deficit	524	266	4656	3260	4146	1203	2236	5393	7737	6932	6206	8391	6176	4830
59 1987 Regional Report Surplus Deficit	2577	1466	4456	2518	2867	1329	591	592	5866	2023	3919	8202	4775	3226
60 1988 Regional Report Surplus Deficit	1229	135	4036	2391	1451	-168	-1286	-1033	2224	1959	3842	7499	3513	4033
61 1989 Regional Report Surplus Deficit	2130	1352	4076	2472	1993	574	-459	-185	5116	4764	6068	8413	5416	4045
62 1990 Regional Report Surplus Deficit	1648	821	4277	2549	3001	1477	1542	4955	6688	4397	6369	8217	6576	4989
63 1991 Regional Report Surplus Deficit	3369	3080	4657	2357	4408	2144	3103	4903	6188	5770	4812	8332	6266	4491
64 1992 Regional Report Surplus Deficit	3564	3571	4579	2481	2262	-159	-349	847	5947	1426	2161	6819	1032	1838
65 1993 Regional Report Surplus Deficit	323	-233	3483	1927	2145	112	-2156	-1249	3766	3066	3880	8285	5968	4607
66 1994 Regional Report Surplus Deficit	2470	1431	4211	2522	2473	207	-1765	-156	4521	1707	3661	7548	4624	3879
67 1995 Regional Report Surplus Deficit	1726	227	3859	2425	1123	358	758	3181	5240	5057	4334	8850	6651	4883
68 1996 Regional Report Surplus Deficit	2465	1793	4808	4244	4463	3787	3974	6236	7183	6991	6867	8749	6572	4703
69 1997 Regional Report Surplus Deficit	3562	3691	5018	2847	3301	2156	3953	5599	6888	6764	6406	8373	6486	4893
70 1998 Regional Report Surplus Deficit	3738	4353	6496	6143	4316	1267	1315	4009	5421	2806	5243	8726	6887	5119
71 1999 Regional Report Surplus Deficit	3687	3181	4672	2707	2199	1685	3600	5646	6899	5669	6210	8471	6916	5030
72 2000 Regional Report Surplus Deficit	4009	4590	5467	3254	4373	2616	2277	4287	6162	6941	6470	8629	4924	4837
73 2001 Regional Report Surplus Deficit	3237	1270	4412	2765	1785	8.22	-1383	241	2382	1451	2540	6528	-1548	2366
74 2002 Regional Report Surplus Deficit	309	-794	3719	620	749	170	-591	608	3235	4182	6082	8242	6582	4802
75 2003 Regional Report Surplus Deficit	1722	1663	4334	2526	2363	60.3	-1554	875	6413	3981	4851	8150	6348	3750
76 2004 Regional Report Surplus Deficit	1468	536	4258	2822	3489	360	37.9	135	4640	3051	4160	8203	5193	4087
77 2005 Regional Report Surplus Deficit	547	1076	5136	3198	2731	896	878	2749	3547	1793	3554	8237	5555	4474
78 2006 Regional Report Surplus Deficit	2019	731	4268	2073	2713	1006	2283	4342	6514	6942	6375	8652	6868	4983
79 2007 Regional Report Surplus Deficit	3101	483	4561	2279	2729	1069	2106	3495	7219	5914	4981	8402	4967	4721
80 2008 Regional Report Surplus Deficit	2259	674	4380	2045	2806	-74.0	25.9	1213	3985	3658	2529	8389	6946	5189

Ranked Averages

81 Bottom 10 pct	500	26.8	4087	2208	1959	565	491	2149	4470	4300	4516	8424	6155	4464
82 Middle 80 pct	2734	2148	4696	3066	2824	1213	1419	3115	5540	4635	4898	8187	5591	4374
83 Top 10 pct	3819	4188	6245	3877	3547	1275	1649	3543	5067	4411	4877	8106	5389	4048

Regional Report Surplus Deficit By Water Year

Operating Year 2026

2015 White Book Report Date: 6/30/2015

S129-WB-20151029-154000

1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1 1929 Regional Report Surplus Deficit	1899	1833	4152	2344	1965	-1392	-2344	-954	1142	1210	2302	6007	4704	-851
2 1930 Regional Report Surplus Deficit	1278	859	4010	2212	1956	-1469	-3824	-510	990	2149	3470	6017	1408	1740
3 1931 Regional Report Surplus Deficit	1711	599	3308	2149	2248	-1509	-3658	-2348	407	845	-2608	7051	836	1834
4 1932 Regional Report Surplus Deficit	884	-206	3198	1972	1098	-1485	-3198	-2629	3777	6213	5468	8680	6392	3424
5 1933 Regional Report Surplus Deficit	1985	2444	4603	2604	2229	-401	1156	3164	4766	3514	3916	7910	6543	3977
6 1934 Regional Report Surplus Deficit	3224	3393	4646	3613	4353	2402	2736	4655	6049	6578	5152	8053	5087	2133
7 1935 Regional Report Surplus Deficit	1280	599	2993	2234	1406	-1502	1079	2763	4781	1841	4086	7860	5297	3379
8 1936 Regional Report Surplus Deficit	2979	1684	3748	2075	1826	-1584	-3397	-922	1590	2739	5289	8969	6261	2262
9 1937 Regional Report Surplus Deficit	1788	1200	3687	1835	2119	-1526	-3603	-1927	525	1433	-1308	7129	3869	202
10 1938 Regional Report Surplus Deficit	1999	1339	3843	2384	850	-352	734	2562	5553	5639	5762	8560	5933	3445
11 1939 Regional Report Surplus Deficit	1565	1019	4310	2594	1505	-1371	-567	409	2435	3641	4735	8608	3461	1731
12 1940 Regional Report Surplus Deficit	1792	1002	3754	2603	2764	-886	-1255	-201	6384	4295	4170	8397	3558	1196
13 1941 Regional Report Surplus Deficit	467	-172	3365	2208	2051	-993	-1899	-647	2095	508	1400	6882	2892	1533
14 1942 Regional Report Surplus Deficit	791	471	4254	2223	2789	430	126	-42.3	4539	2420	3810	7582	5251	3548
15 1943 Regional Report Surplus Deficit	2429	2142	5067	2090	1157	-974	1496	3473	5383	7216	5845	8457	6606	3927
16 1944 Regional Report Surplus Deficit	2447	1842	4182	2375	2265	-1283	-2286	-687	614	1023	1977	4883	-172	-91.8
17 1945 Regional Report Surplus Deficit	-6.33	-942	2663	2166	1622	-1579	-3259	-1224	831	1079	-2144	8150	5501	105
18 1946 Regional Report Surplus Deficit	1777	548	3380	2205	2436	-387	296	1095	5778	6149	5691	8599	5703	3810
19 1947 Regional Report Surplus Deficit	3179	3204	4823	2156	3113	2065	2229	4269	5830	5356	4610	8680	5876	3543
20 1948 Regional Report Surplus Deficit	2930	2839	4333	5624	3927	825	1973	3202	4900	4553	5419	8638	6039	3824
21 1949 Regional Report Surplus Deficit	3165	3812	5243	2812	2913	-709	-50.4	309	6161	5195	5717	8818	6165	361
22 1950 Regional Report Surplus Deficit	455	429	3446	2385	1443	-620	2012	3991	5936	6365	5204	8158	6660	4214
23 1951 Regional Report Surplus Deficit	3234	3320	4896	4094	4275	2249	2782	5135	5931	6673	5392	8409	6019	3735
24 1952 Regional Report Surplus Deficit	3187	2665	4634	5293	3774	864	1743	3785	5334	6562	5883	8758	6212	3509
25 1953 Regional Report Surplus Deficit	2651	2676	3503	2035	1905	-1412	-1516	3206	4925	2811	3978	8589	6604	3816
26 1954 Regional Report Surplus Deficit	2681	2457	4640	2717	3197	208	1457	4556	5799	4911	4814	8466	6296	3967
27 1955 Regional Report Surplus Deficit	3385	4026	6975	2895	3611	58.7	-898	450	1344	2426	2921	7793	6662	4128
28 1956 Regional Report Surplus Deficit	3213	3165	4315	3214	3855	2049	2681	4766	5370	6083	5244	8529	6587	3947
29 1957 Regional Report Surplus Deficit	3227	3574	4779	3178	2890	491	321	63.6	5748	6450	4588	8919	6459	3246
30 1958 Regional Report Surplus Deficit	2796	1586	4167	2222	2497	-567	875	2500	5173	4280	5526	8751	6372	2714
31 1959 Regional Report Surplus Deficit	2574	1438	3863	2408	3493	1652	2550	4553	5891	5846	4416	8293	6336	3863
32 1960 Regional Report Surplus Deficit	3259	3300	7052	6134	4497	1304	1118	2821	5008	7179	5186	8312	6271	3249
33 1961 Regional Report Surplus Deficit	2723	1731	3858	2610	2764	-462	785	3349	6237	5026	3958	8320	6046	2935
34 1962 Regional Report Surplus Deficit	2664	1513	3882	2078	2573	-954	518	2626	2432	6579	5606	8582	5779	2989
35 1963 Regional Report Surplus Deficit	2521	2346	3852	3417	3680	1333	1172	2892	4527	2748	3742	8843	6007	3162
36 1964 Regional Report Surplus Deficit	2442	1600	4837	2334	2394	-423	-542	922	2664	5391	3367	8224	6537	4054
37 1965 Regional Report Surplus Deficit	3241	3543	5737	3900	3476	2106	2625	4729	5410	4534	5631	8398	5973	3413
38 1966 Regional Report Surplus Deficit	3190	3528	4029	3139	3082	-118	270	1800	3218	6546	4589	7691	5479	3338
39 1967 Regional Report Surplus Deficit	2532	1825	4218	2040	2433	51.9	2260	4288	5501	3972	1193	8028	6300	3889
40 1968 Regional Report Surplus Deficit	3063	3064	4683	2799	3372	-67.8	1207	4019	5699	1944	2532	7369	6050	3530
41 1969 Regional Report Surplus Deficit	3036	3547	6128	4179	3982	892	2523	4238	5355	6410	5496	8729	6372	3613
42 1970 Regional Report Surplus Deficit	2919	2412	4362	2586	2982	-897	710	2382	4406	3047	3261	8586	6416	2646
43 1971 Regional Report Surplus Deficit	2345	1399	3972	2176	2464	-327	2608	4785	6185	6084	5282	8498	6636	4044
44 1972 Regional Report Surplus Deficit	3521	4129	5162	3410	3288	330	2456	4632	5959	6802	5025	8541	6189	3970
45 1973 Regional Report Surplus Deficit	3286	3949	5479	3162	3301	-70.2	705	309	2634	938	1815	6865	2852	1143
46 1974 Regional Report Surplus Deficit	1263	369	3614	2300	2544	852	2856	4839	5581	6158	5187	7994	6484	4252
47 1975 Regional Report Surplus Deficit	3360	3980	5243	2215	2466	-861	1161	2875	5218	2738	3085	8448	6538	4045
48 1976 Regional Report Surplus Deficit	3275	3752	5434	4538	4114	2602	2749	4595	5790	6590	5278	8566	6414	3933
49 1977 Regional Report Surplus Deficit	3485	4105	7391	3281	2706	-1429	-2265	-491	1046	677	1491	4745	-1305	-643
50 1978 Regional Report Surplus Deficit	-149	-842	2467	713	739	490	526	2549	3904	6066	4737	8703	5398	3457
51 1979 Regional Report Surplus Deficit	2133	1538	5866	3269	2952	-1089	-1437	449	5050	2576	3741	8918	5130	301
52 1980 Regional Report Surplus Deficit	365	612	3906	1955	1986	-1583	-335	-273	2580	3257	5264	9056	6140	2398
53 1981 Regional Report Surplus Deficit	899	418	4140	2478	2593	1299	1976	3884	5124	1024	3519	8391	6358	3519
54 1982 Regional Report Surplus Deficit	3158	3357	4707	2673	3266	-192	1632	4868	6002	6439	4783	8264	6636	4191

Regional Report Surplus Deficit By Water Year

Operating Year 2026

2015 White Book Report Date: **6/30/2015** *Continued*

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1Hr-MW - Surplus Deficit	Aug1	Aug1 6	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 1983 Regional Report Surplus Deficit	3359	3963	6228	4372	3517	504	2133	4507	6218	5713	4652	8415	6328	3840
56 1984 Regional Report Surplus Deficit	3353	3850	5311	2959	4371	843	1725	4080	6080	6768	5380	8627	6703	3857
57 1985 Regional Report Surplus Deficit	3402	2494	5336	3082	3613	-102	197	1352	2821	4772	5130	8619	5366	-1206
58 1986 Regional Report Surplus Deficit	104	169	4194	2867	3851	-53.4	1117	4304	6661	6523	5381	8331	5869	2925
59 1987 Regional Report Surplus Deficit	2183	1224	3759	2161	2896	63.4	-574	-629	4799	1611	3079	8128	4537	985
60 1988 Regional Report Surplus Deficit	825	24.1	3333	2008	1484	-1671	-2490	-2337	1175	1542	3002	7225	3384	1906
61 1989 Regional Report Surplus Deficit	1739	1102	3503	2095	2025	-748	-1647	-1454	4053	4368	5243	8347	5170	1865
62 1990 Regional Report Surplus Deficit	1246	656	3637	2168	2960	242	409	3864	5617	4002	5545	8150	6250	3272
63 1991 Regional Report Surplus Deficit	2985	2753	4133	2005	4004	911	2002	3813	5120	5358	3983	8279	5953	3549
64 1992 Regional Report Surplus Deficit	3180	3251	4040	2110	2305	-1658	-1526	-347	4879	984	1314	6566	962	-409
65 1993 Regional Report Surplus Deficit	-77.5	-424	2809	1532	2186	-1270	-3382	-2573	2709	2672	3040	8233	5702	2550
66 1994 Regional Report Surplus Deficit	2080	1159	3981	2139	2486	-1124	-2987	-1396	3459	1286	2819	7333	4402	1695
67 1995 Regional Report Surplus Deficit	1332	28.7	3534	2035	1050	-1001	-398	2065	4178	4651	3499	8796	6323	2973
68 1996 Regional Report Surplus Deficit	2070	1532	4656	3843	4752	2532	2851	5155	6123	6573	6035	8709	6243	3774
69 1997 Regional Report Surplus Deficit	3178	3377	4739	2464	3242	924	2829	4518	5827	6397	5602	8355	6133	3955
70 1998 Regional Report Surplus Deficit	3354	4054	6326	5884	3894	-14.5	168	2912	4357	2410	4414	8704	6542	3519
71 1999 Regional Report Surplus Deficit	3303	2857	4184	2343	2236	439	2496	4567	5839	5258	5386	8419	6584	4101
72 2000 Regional Report Surplus Deficit	3627	4289	5390	2856	4095	1379	1159	3194	5095	6523	5643	8584	4715	3126
73 2001 Regional Report Surplus Deficit	2851	1080	3658	2382	1813	-1401	-2571	-958	1330	1030	1692	6100	-1436	136
74 2002 Regional Report Surplus Deficit	-91.7	-934	2620	334	651	-1220	-1778	-593	2181	3789	5258	8175	6239	3731
75 2003 Regional Report Surplus Deficit	1316	1422	3815	2136	2385	-1323	-2768	-308	5345	3587	4021	8082	6038	1535
76 2004 Regional Report Surplus Deficit	1062	377	3445	2420	3227	-997	-1134	-1111	3579	2659	3324	8107	4951	1909
77 2005 Regional Report Surplus Deficit	132	886	5070	2789	2702	-357	-261	1638	2489	1386	2715	8178	5297	2453
78 2006 Regional Report Surplus Deficit	1624	522	3713	1701	2711	-266	1166	3248	5444	6527	5548	8620	6529	3210
79 2007 Regional Report Surplus Deficit	2714	345	3477	1918	2761	-198	992	2395	6147	5498	4151	8351	4742	3110
80 2008 Regional Report Surplus Deficit	1861	516	3281	1653	2686	-1492	-1145	50.8	2926	3265	1678	8345	6596	3679
Ranked Averages														
81 Bottom 10 pct	91.5	-131	3397	1843	1898	-774	-670	977	3411	3892	3682	8373	5851	2729
82 Middle 80 pct	2343	1884	4246	2685	2761	-104	275	1978	4478	4229	4066	8088	5319	2766
83 Top 10 pct	3437	3880	6006	3500	3399	-16.8	514	2429	4007	4007	4045	7981	5130	2597

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