

DECEMBER 2004

# 2004 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY

OPERATING YEARS 2006 THROUGH 2015

## Technical Appendix Volume 2 Capacity Analysis



**2004 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY**

**The White Book**

**TECHNICAL APPENDIX**

**VOLUME 2**

**CAPACITY ANALYSIS**

**BONNEVILLE POWER ADMINISTRATION  
December 2004**

### **Cover Photo Montage:**

*(Top left clockwise)*

Photographs provided by Thomas Osborn, Mechanical Engineer, BPA, Energy Efficiency Group, Walla Walla Washington, Office.

**John Day Power House** The John Day power house is located in the John Day Dam and was completed in 1971. At the time of its completion, at a total cost of \$511 million, the John Day Dam Powerhouse was the second largest in the world.

**John Day Dam** Spanning the Columbia River, 28 miles east of the city of The Dalles, Oregon, is the John Day dam. It is owned and operated by the U.S. Corps of Engineers. Construction for this project began in 1958 and ended in 1971 with an installed capacity of 2,160 MW.

**White Bluffs Solar Project** The White Bluffs Solar Energy project is being jointly developed by Bonneville Environmental Foundation, Bonneville Power Administration, and Energy Northwest, on the site of the terminated WNP 1 nuclear power plant on the Hanford Nuclear Reservation, north of Richland, Washington. It will have an installed capacity of 40 kW, with expected peak generation of 29.6 kW.

**Stateline Wind Generation** The Stateline Wind Energy Center is located on Vansycle Ridge, a crest of land straddling the Washington–Oregon border, near Touchet, Washington, and Pendleton, Oregon. The Stateline Wind Energy Center will use 660 kW Vestas wind turbines, and will collectively produce a maximum output of 300 megawatts (MW) of electricity. On average the project is expected to receive enough wind to deliver 30 to 35 percent of its peak capacity year–round.

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## ACKNOWLEDGMENTS

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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 Supply:** Regional Coordination Group

**Requirements Marketing:** Western Power Business Area Group  
Eastern Power Business Area Group

**Bulk Marketing and Transmission Services:** Account Services Group  
**Office of General Counsel**

### **Pacific Northwest Utilities Conference Committee**

### **Northwest Power & Conservation Council**

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**2004 Pacific Northwest Loads and Resources  
Technical Appendix, Volume 2  
Capacity Analysis**

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Section 9  
Monthly Federal Tables  
Loads & Resources  
Capacity in Megawatts

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Loads & Resources Federal Tables  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Non-Utility Obligations</b>														
<i>Federal Agencies 2002 PSC Sale</i>	229	229	179	205	212	203	224	212	202	189	189	185	198	193
<i>USBR 2002 PSC Sale</i>	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>DSI 2002 PSC Sale</i>	265	265	265	272	272	272	272	272	272	272	272	272	272	272
<i>Total Firm Non-Utility Obligations</i>	774	740	600	616	485	475	496	485	511	727	790	717	742	755
<b>Transfers Out</b>														
<i>NGP 2002 PSC Sale</i>	3504	3504	3327	3838	4035	4255	4560	4375	3991	3772	3772	3591	3532	3644
<i>GPU 2002 PSC Sale</i>	1926	1926	2051	2304	2625	2904	3100	3027	2825	2390	2380	2412	2010	1965
<i>NGP Slice Sale</i>	1096	889	627	805	826	823	675	640	717	656	617	747	963	985
<i>GPU Slice Sale</i>	1826	1481	1045	1340	1376	1370	1124	1066	1194	1092	1028	1244	1603	1640
<i>IOU 2002 PSC Sale</i>	382	382	382	382	382	382	382	382	382	382	382	382	382	382
<i>Exports</i>	1970	1970	1964	1821	1746	1762	1759	1758	1748	1753	1753	1843	1844	1773
<i>Intra-Regional Transfers (Out)</i>	1743	1743	797	739	964	1018	992	948	830	753	753	581	633	697
<i>Federal Diversity</i>	-772	-768	-743	-778	-687	-515	-552	-533	-705	-662	-667	-774	-782	-792
<i>Total Transfers Out</i>	11674	11126	9450	10451	11267	11998	12040	11664	10981	10136	10018	10026	10186	10296
<i>Total Firm Obligations</i>	12449	11867	10050	11067	11752	12473	12536	12148	11492	10863	10808	10743	10928	11050
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>Independent Hydro</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>Operational Peaking Adjustment</i>	-2840	-5808	-9346	-7261	-7363	-7986	-10403	-10554	-9256	-8920	-9304	-8246	-6226	-4814
<i>Non-Fed CER (Canada)</i>	245	245	245	245	246	247	246	246	245	234	234	234	234	234
<i>Total Hydro Resources</i>	18562	15425	12078	14265	14353	13452	11154	11201	12219	11798	11113	12641	15259	16705
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Combustion Turbines</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Renewables</i>	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<i>Cogeneration</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Imports</i>	139	139	168	204	257	311	285	241	213	216	216	76	94	160
<i>Intra-Regional Transfers (In)</i>	1238	1238	1261	1226	1226	1203	838	838	838	588	588	588	588	838
<i>Large Thermal</i>	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<i>Non-Utility Generation</i>	34	34	17	32	41	32	32	32	32	32	32	49	32	29
<i>Augmentation Purchases</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Augmentation Resources</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	2588	2588	2624	2640	2703	2727	2337	2292	2264	2016	2016	1890	1892	2204
<i>Total Resources</i>	21150	18013	14702	16905	17056	16180	13491	13493	14483	13814	13129	14531	17150	18909
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1058	-1049	-1059	-1064	-1073	-1060	-1066	-1075	-1062	-1024	-1009	-1033	-1063	-1064
<i>Small Thermal &amp; Misc. Reserves</i>	-3	-3	-2.2	-3	-3.5	-3.2	-3.2	-3.2	-3.2	-3.1	-3.1	-3.8	-3.0	-2.8
<i>Contract Reserves</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal Reserves</i>	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172
<i>Federal Hydro Maintenance</i>	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
<i>Spinning Reserves</i>	-386	-320	-235	-291	-294	-293	-247	-236	-261	-248	-237	-276	-344	-351
<i>Federal Transmission Losses</i>	-545	-459	-351	-423	-429	-428	-355	-339	-371	-345	-332	-378	-467	-487
<i>Total Reserves, Maintenance &amp; Losses</i>	-5427	-4765	-4589	-4705	-4678	-3823	-3250	-3709	-3784	-3854	-3559	-3620	-3684	-4862
<i>Total Net Resources</i>	15723	13248	10112	12200	12378	12357	10240	9784	10700	9960	9570	10911	13466	14047
<i>Total Firm Surplus/Deficit</i>	3274	1381	62	1133	626	-116	-2296	-2365	-793	-903	-1238	168	2538	2997

Loads and Resources - Federal System  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Non-Utility Obligations</b>														
<i>Federal Agencies 2002 PSC Sale</i>	227	227	179	220	229	217	242	228	217	201	201	196	213	207
<i>USBR 2002 PSC Sale</i>	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>DSI 2002 PSC Sale</i>	272	272	272	0	0	0	0	0	0	0	0	0	0	0
<i>Total Firm Non-Utility Obligations</i>	780	746	608	359	229	217	242	229	253	468	531	456	485	497
<b>Transfers Out</b>														
<i>NGP 2002 PSC Sale</i>	3552	3552	3383	3972	4175	4363	4677	4481	4100	3839	3839	3675	3659	3784
<i>GPU 2002 PSC Sale</i>	1881	1901	2115	2646	2987	3313	3330	3281	3070	2711	2711	2442	2097	2114
<i>NGP Slice Sale</i>	1095	889	627	806	827	823	676	640	716	656	618	670	887	986
<i>GPU Slice Sale</i>	1824	1480	1044	1342	1378	1370	1125	1065	1192	1093	1030	1116	1478	1643
<i>IOU 2002 PSC Sale</i>	382	382	382	0	0	0	0	0	0	0	0	0	0	0
<i>Exports</i>	1798	1798	1792	1553	1478	1495	1491	1491	1480	1484	1484	1574	1575	1587
<i>Intra-Regional Transfers (Out)</i>	643	643	672	683	907	961	935	891	774	747	747	575	628	642
<i>Federal Diversity</i>	-772	-771	-758	-837	-739	-552	-577	-559	-742	-702	-708	-789	-811	-831
<i>Total Transfers Out</i>	10403	9875	9256	10165	11013	11773	11656	11290	10590	9827	9720	9264	9511	9924
<i>Total Firm Obligations</i>	11183	10621	9864	10524	11242	11990	11898	11518	10843	10295	10251	9719	9997	10421
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>Independent Hydro</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>Operational Peaking Adjustment</i>	-2820	-5774	-9316	-7209	-7310	-7942	-10356	-10517	-9231	-8882	-9261	-8204	-6170	-4764
<i>Non-Fed CER (Canada)</i>	234	234	234	234	234	234	234	234	234	228	228	228	228	228
<i>Total Hydro Resources</i>	18572	15448	12096	14305	14393	13483	11189	11226	12234	11831	11150	12677	15309	16749
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Combustion Turbines</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Renewables</i>	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<i>Cogeneration</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Imports</i>	139	139	168	204	257	311	235	191	163	166	166	76	94	110
<i>Intra-Regional Transfers (In)</i>	838	838	861	398	398	375	0	0	0	0	0	0	0	0
<i>Large Thermal</i>	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<i>Non-Utility Generation</i>	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<i>Augmentation Purchases</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Augmentation Resources</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	2157	2157	2209	1783	1837	1870	1420	1375	1347	1349	1349	106	124	1290
<i>Total Resources</i>	20729	17605	14306	16088	16230	15353	12608	12601	13581	13179	12499	12783	15433	18038
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1058	-1049	-1059	-1064	-1073	-1060	-1066	-1075	-1062	-1024	-1009	-1033	-1063	-1064
<i>Small Thermal &amp; Misc. Reserves</i>	-1.5	-1.5	-1.5	-1.6	-1.6	-1.7	-1.8	-1.7	-1.7	-1.7	-1.7	-1.5	-1.5	-1.5
<i>Contract Reserves</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal Reserves</i>	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	0	0	-172
<i>Federal Hydro Maintenance</i>	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
<i>Spinning Reserves</i>	-385	-320	-236	-291	-294	-293	-247	-236	-261	-248	-238	-242	-310	-352
<i>Federal Transmission Losses</i>	-531	-446	-337	-396	-401	-401	-325	-309	-341	-324	-311	-327	-416	-458
<i>Total Reserves, Maintenance &amp; Losses</i>	-5411	-4750	-4576	-4677	-4649	-3794	-3220	-3678	-3752	-3832	-3536	-3359	-3426	-4832
<i>Total Net Resources</i>	15317	12855	9730	11411	11581	11559	9388	8923	9829	9348	8962	9424	12007	13206
<i>Total Firm Surplus/Deficit</i>	4134	2234	-134	888	339	-430	-2509	-2596	-1015	-947	-1288	-295	2011	2785

Loads and Resources - Federal System  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Non-Utility Obligations</b>														
<i>Federal Agencies 2002 PSC Sale</i>	249	249	191	234	243	229	257	243	230	213	213	205	226	219
<i>USBR 2002 PSC Sale</i>	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>DSI 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Firm Non-Utility Obligations</i>	530	496	347	372	243	229	258	243	266	479	542	465	498	509
<b>Transfers Out</b>														
<i>NGP 2002 PSC Sale</i>	3706	3706	3504	4019	4226	4415	4734	4536	4151	3886	3886	3721	3703	3829
<i>GPU 2002 PSC Sale</i>	2207	2207	2461	2651	3005	3333	3346	3300	3088	2709	2709	2459	2129	2116
<i>NGP Slice Sale</i>	1098	894	629	815	837	831	684	647	722	663	625	754	973	995
<i>GPU Slice Sale</i>	1829	1488	1048	1357	1394	1385	1139	1078	1202	1104	1041	1255	1620	1658
<i>IOU 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Exports</i>	1583	1583	1576	1554	1479	1497	1493	1493	1482	1485	1459	1523	1524	1536
<i>Intra-Regional Transfers (Out)</i>	588	588	617	683	907	961	935	891	774	747	747	575	628	642
<i>Federal Diversity</i>	-838	-833	-821	-845	-747	-558	-584	-565	-751	-707	-714	-797	-823	-839
<i>Total Transfers Out</i>	10173	9632	9016	10234	11101	11863	11747	11379	10668	9887	9754	9489	9753	9938
<i>Total Firm Obligations</i>	10703	10128	9363	10606	11344	12092	12005	11622	10934	10366	10296	9954	10252	10448
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>Independent Hydro</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>Operational Peaking Adjustment</i>	-2777	-5711	-9280	-7144	-7233	-7881	-10296	-10468	-9202	-8840	-9219	-8178	-6114	-4697
<i>Non-Fed CER (Canada)</i>	228	228	228	228	228	228	228	228	228	225	225	225	225	225
<i>Total Hydro Resources</i>	18609	15505	12127	14364	14465	13538	11242	11269	12257	11870	11189	12700	15362	16813
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Combustion Turbines</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Renewables</i>	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<i>Cogeneration</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Imports</i>	89	89	118	154	207	261	235	191	163	166	166	76	94	110
<i>Intra-Regional Transfers (In)</i>	0	0	23	23	23	0	0	0	0	0	0	0	0	0
<i>Large Thermal</i>	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<i>Non-Utility Generation</i>	3	3	3	53	53	53	53	53	53	53	53	53	53	53
<i>Augmentation Purchases</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Augmentation Resources</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	1269	1269	1321	1408	1462	1495	1470	1425	1397	1399	1399	1306	1324	1340
<i>Total Resources</i>	19878	16774	13448	15772	15926	15033	12712	12694	13653	13268	12588	14006	16686	18153
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1058	-1049	-1059	-1064	-1073	-1060	-1066	-1075	-1062	-1024	-1009	-1033	-1063	-1064
<i>Small Thermal &amp; Misc. Reserves</i>	-1.5	-1.5	-1.5	-4	-4.1	-4.2	-4.2	-4.2	-4.2	-4.1	-4.1	-4.0	-4.0	-4.0
<i>Contract Reserves</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal Reserves</i>	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172
<i>Federal Hydro Maintenance</i>	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
<i>Spinning Reserves</i>	-386	-322	-237	-294	-298	-296	-250	-238	-263	-250	-240	-278	-347	-355
<i>Federal Transmission Losses</i>	-502	-418	-308	-385	-391	-390	-329	-312	-343	-327	-313	-361	-451	-461
<i>Total Reserves, Maintenance &amp; Losses</i>	-5384	-4723	-4548	-4671	-4644	-3788	-3228	-3686	-3759	-3839	-3544	-3604	-3672	-4841
<i>Total Net Resources</i>	14494	12050	8900	11101	11283	11245	9484	9008	9895	9429	9044	10402	13014	13312
<i>Total Firm Surplus/Deficit</i>	3791	1922	-463	495	-62	-847	-2521	-2614	-1040	-937	-1252	448	2762	2864

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Non-Utility Obligations</b>														
<i>Federal Agencies 2002 PSC Sale</i>	268	268	201	258	270	251	286	269	253	233	233	222	251	242
<i>USBR 2002 PSC Sale</i>	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>DSI 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Firm Non-Utility Obligations</i>	549	515	358	397	270	251	286	269	290	500	563	482	523	532
<b>Transfers Out</b>														
<i>NGP 2002 PSC Sale</i>	3750	3750	3548	4063	4272	4463	4785	4583	4197	3929	3929	3762	3744	3870
<i>GPU 2002 PSC Sale</i>	2238	2238	2464	2665	3038	3327	3365	3318	3105	2722	2722	2488	2125	2128
<i>NGP Slice Sale</i>	1103	899	634	817	839	833	686	648	723	666	628	679	898	999
<i>GPU Slice Sale</i>	1837	1498	1056	1360	1398	1387	1142	1080	1203	1109	1046	1130	1496	1663
<i>IOU 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Exports</i>	1539	1539	1533	1453	1402	1412	1410	1410	1404	1418	1418	1484	1485	1493
<i>Intra-Regional Transfers (Out)</i>	588	588	617	683	907	961	935	891	774	747	747	575	628	642
<i>Federal Diversity</i>	-850	-845	-828	-855	-758	-563	-591	-572	-759	-715	-721	-808	-831	-849
<i>Total Transfers Out</i>	10205	9667	9023	10186	11098	11821	11732	11358	10646	9875	9768	9310	9545	9946
<i>Total Firm Obligations</i>	10755	10182	9380	10583	11368	12072	12018	11627	10936	10375	10331	9792	10068	10479
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>Independent Hydro</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>Operational Peaking Adjustment</i>	-2757	-5681	-9262	-7114	-7199	-7854	-10268	-10445	-9186	-8815	-9195	-8157	-6084	-4664
<i>Non-Fed CER (Canada)</i>	225	225	225	225	225	225	225	225	225	236	236	236	236	236
<i>Total Hydro Resources</i>	18625	15532	12141	14392	14495	13562	11268	11288	12270	11906	11224	12733	15403	16857
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Combustion Turbines</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Renewables</i>	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<i>Cogeneration</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Imports</i>	89	89	118	154	207	261	235	191	163	166	166	76	94	110
<i>Intra-Regional Transfers (In)</i>	0	0	23	23	23	0	0	0	0	0	0	0	0	0
<i>Large Thermal</i>	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<i>Non-Utility Generation</i>	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>Augmentation Purchases</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Augmentation Resources</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	1319	1319	1371	1408	1462	1495	1470	1425	1397	1399	1399	156	174	1340
<i>Total Resources</i>	19944	16851	13513	15800	15957	15057	12738	12713	13667	13304	12623	12889	15577	18196
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1058	-1049	-1059	-1064	-1073	-1060	-1066	-1075	-1062	-1024	-1009	-1033	-1063	-1064
<i>Small Thermal &amp; Misc. Reserves</i>	-4.0	-4.0	-4.0	-4	-4.1	-4.2	-4.2	-4.2	-4.2	-4.1	-4.1	-4.0	-4.0	-4.0
<i>Contract Reserves</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal Reserves</i>	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	0	0	-172
<i>Federal Hydro Maintenance</i>	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
<i>Spinning Reserves</i>	-388	-324	-238	-295	-298	-296	-250	-239	-263	-251	-241	-245	-314	-355
<i>Federal Transmission Losses</i>	-504	-420	-311	-386	-392	-391	-330	-313	-343	-328	-315	-330	-421	-463
<i>Total Reserves, Maintenance &amp; Losses</i>	-5390	-4730	-4554	-4673	-4646	-3790	-3230	-3687	-3760	-3841	-3546	-3368	-3436	-4844
<i>Total Net Resources</i>	14554	12121	8959	11127	11311	11268	9508	9026	9907	9463	9077	9521	12140	13353
<i>Total Firm Surplus/Deficit</i>	3800	1939	-422	544	-57	-805	-2510	-2601	-1029	-912	-1254	-272	2072	2874

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Non-Utility Obligations</b>														
<i>Federal Agencies 2002 PSC Sale</i>	305	305	220	260	272	253	288	271	255	235	235	224	252	244
<i>USBR 2002 PSC Sale</i>	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>DSI 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Firm Non-Utility Obligations</i>	586	552	376	399	272	253	289	271	292	502	565	484	525	534
<b>Transfers Out</b>														
<i>NGP 2002 PSC Sale</i>	3791	3791	3588	4110	4321	4515	4846	4642	4252	3982	3982	3813	3793	3921
<i>GPU 2002 PSC Sale</i>	2250	2250	2476	2681	3055	3344	3383	3335	3122	2738	2738	2503	2139	2142
<i>NGP Slice Sale</i>	1097	894	628	811	834	827	680	642	716	660	622	749	970	993
<i>GPU Slice Sale</i>	1826	1489	1045	1351	1389	1378	1133	1070	1192	1099	1035	1248	1616	1654
<i>IOU 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Exports</i>	1599	1599	1595	1555	1504	1513	1510	1511	1505	1520	1520	1587	1564	1571
<i>Intra-Regional Transfers (Out)</i>	588	588	617	683	907	961	935	891	774	747	747	575	628	642
<i>Federal Diversity</i>	-861	-857	-837	-863	-765	-568	-596	-577	-767	-722	-728	-816	-839	-858
<i>Total Transfers Out</i>	10289	9753	9111	10328	11245	11970	11891	11513	10794	10022	9915	9660	9870	10066
<i>Total Firm Obligations</i>	10875	10305	9487	10727	11517	12224	12179	11784	11086	10524	10479	10144	10394	10600
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>Independent Hydro</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>Operational Peaking Adjustment</i>	-2738	-5651	-9244	-7083	-7165	-7826	-10240	-10423	-9169	-8790	-9171	-8136	-6055	-4632
<i>Non-Fed CER (Canada)</i>	236	236	236	236	236	236	236	236	236	244	244	244	244	244
<i>Total Hydro Resources</i>	18656	15573	12170	14433	14541	13601	11307	11322	12298	11938	11256	12762	15440	16897
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Combustion Turbines</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Renewables</i>	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<i>Cogeneration</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Imports</i>	89	89	118	154	207	261	235	191	163	166	166	76	94	110
<i>Intra-Regional Transfers (In)</i>	0	0	23	23	23	0	0	0	0	0	0	0	0	0
<i>Large Thermal</i>	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<i>Non-Utility Generation</i>	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>Augmentation Purchases</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Augmentation Resources</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	1319	1319	1371	1408	1462	1495	1470	1425	1397	1399	1399	1306	1324	1340
<i>Total Resources</i>	19974	16892	13542	15841	16002	15096	12777	12747	13695	13337	12655	14068	16764	18237
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1058	-1049	-1059	-1064	-1073	-1060	-1066	-1075	-1062	-1024	-1009	-1033	-1063	-1064
<i>Small Thermal &amp; Misc. Reserves</i>	-4.0	-4.0	-4.0	-4	-4.1	-4.2	-4.2	-4.2	-4.2	-4.1	-4.1	-4.0	-4.0	-4.0
<i>Contract Reserves</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal Reserves</i>	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172
<i>Federal Hydro Maintenance</i>	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
<i>Spinning Reserves</i>	-389	-324	-239	-296	-299	-297	-251	-239	-263	-251	-241	-279	-349	-356
<i>Federal Transmission Losses</i>	-505	-421	-311	-387	-394	-392	-331	-314	-344	-329	-316	-363	-454	-464
<i>Total Reserves, Maintenance &amp; Losses</i>	-5392	-4732	-4555	-4675	-4648	-3792	-3232	-3689	-3761	-3843	-3547	-3607	-3676	-4846
<i>Total Net Resources</i>	14583	12160	8986	11166	11354	11304	9545	9058	9934	9494	9107	10460	13088	13391
<i>Total Firm Surplus/Deficit</i>	3708	1855	-500	439	-163	-920	-2634	-2726	-1152	-1030	-1372	316	2693	2791

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Non-Utility Obligations</b>														
<i>Federal Agencies 2002 PSC Sale</i>	307	307	221	262	274	255	291	273	257	237	237	226	254	246
<i>USBR 2002 PSC Sale</i>	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>DSI 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Firm Non-Utility Obligations</i>	587	553	378	401	274	255	291	273	294	503	566	486	526	536
<b>Transfers Out</b>														
<i>NGP 2002 PSC Sale</i>	3840	3840	3636	4165	4378	4574	4900	4694	4300	4026	4026	3856	3835	3964
<i>GPU 2002 PSC Sale</i>	2264	2264	2490	2711	3054	3362	3401	3352	3139	2755	2755	2518	2152	2172
<i>NGP Slice Sale</i>	1099	897	630	814	837	830	683	645	718	661	623	674	895	995
<i>GPU Slice Sale</i>	1830	1493	1049	1356	1395	1382	1137	1074	1196	1102	1038	1122	1490	1658
<i>IOU 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Exports</i>	1568	1568	1564	1540	1497	1508	1505	1505	1498	1511	1511	1570	1571	1579
<i>Intra-Regional Transfers (Out)</i>	588	588	617	683	907	961	935	891	774	747	747	575	628	642
<i>Federal Diversity</i>	-870	-865	-846	-873	-771	-573	-601	-582	-773	-728	-735	-823	-847	-867
<i>Total Transfers Out</i>	10319	9785	9140	10396	11297	12043	11960	11578	10852	10073	9965	9492	9723	10143
<i>Total Firm Obligations</i>	10907	10338	9518	10797	11571	12299	12250	11851	11145	10576	10532	9977	10250	10679
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>Independent Hydro</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>Operational Peaking Adjustment</i>	-2721	-5624	-9228	-7056	-7134	-7802	-10214	-10402	-9154	-8768	-9150	-8117	-6029	-4603
<i>Non-Fed CER (Canada)</i>	244	244	244	244	244	244	244	244	244	242	242	242	242	242
<i>Total Hydro Resources</i>	18680	15608	12194	14468	14579	13633	11341	11350	12321	11959	11275	12778	15464	16924
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Combustion Turbines</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Renewables</i>	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<i>Cogeneration</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Imports</i>	89	89	118	154	207	261	235	191	163	166	166	76	94	110
<i>Intra-Regional Transfers (In)</i>	0	0	23	23	23	0	0	0	0	0	0	0	0	0
<i>Large Thermal</i>	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<i>Non-Utility Generation</i>	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>Augmentation Purchases</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Augmentation Resources</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	1319	1319	1371	1408	1462	1495	1470	1425	1397	1399	1399	156	174	1340
<i>Total Resources</i>	19999	16927	13566	15876	16041	15128	12810	12775	13718	13357	12674	12934	15638	18264
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1058	-1049	-1059	-1064	-1073	-1060	-1066	-1075	-1062	-1024	-1009	-1033	-1063	-1064
<i>Small Thermal &amp; Misc. Reserves</i>	-4.0	-4.0	-4.0	-4	-4.1	-4.2	-4.2	-4.2	-4.2	-4.1	-4.1	-4.0	-4.0	-4.0
<i>Contract Reserves</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal Reserves</i>	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	0	0	-172
<i>Federal Hydro Maintenance</i>	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
<i>Spinning Reserves</i>	-389	-325	-239	-296	-300	-298	-252	-240	-264	-252	-242	-246	-315	-357
<i>Federal Transmission Losses</i>	-506	-423	-312	-388	-395	-393	-332	-315	-345	-330	-316	-331	-423	-465
<i>Total Reserves, Maintenance &amp; Losses</i>	-5393	-4734	-4556	-4677	-4650	-3793	-3234	-3690	-3762	-3844	-3549	-3370	-3440	-4847
<i>Total Net Resources</i>	14606	12192	9009	11199	11391	11335	9577	9085	9956	9513	9125	9564	12198	13416
<i>Total Firm Surplus/Deficit</i>	3700	1854	-509	402	-180	-964	-2674	-2766	-1189	-1063	-1406	-413	1948	2737

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Non-Utility Obligations</b>														
<i>Federal Agencies 2002 PSC Sale</i>	308	308	223	264	276	257	293	275	259	239	239	227	256	248
<i>USBR 2002 PSC Sale</i>	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>DSI 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Firm Non-Utility Obligations</i>	589	555	380	403	276	257	293	275	296	505	568	487	528	538
<b>Transfers Out</b>														
<i>NGP 2002 PSC Sale</i>	3878	3878	3673	4195	4404	4599	4927	4703	4311	4043	4043	3862	3851	3995
<i>GPU 2002 PSC Sale</i>	2264	2264	2504	2807	3166	3452	3508	3494	3242	2854	2854	2623	2260	2285
<i>NGP Slice Sale</i>	1100	898	630	816	839	831	684	646	719	662	624	752	973	997
<i>GPU Slice Sale</i>	1831	1496	1050	1358	1397	1384	1140	1076	1197	1103	1039	1252	1621	1660
<i>IOU 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Exports</i>	1578	1578	1574	1464	1418	1418	1417	1417	1417	1446	1446	1509	1509	1511
<i>Intra-Regional Transfers (Out)</i>	588	588	42	108	332	386	360	316	199	172	172	0.1	53	67
<i>Federal Diversity</i>	-875	-871	-852	-889	-785	-582	-611	-593	-785	-740	-747	-837	-863	-886
<i>Total Transfers Out</i>	10364	9831	8621	9860	10771	11489	11424	11059	10300	9541	9432	9161	9404	9629
<i>Total Firm Obligations</i>	10953	10386	9001	10262	11047	11746	11717	11334	10596	10046	10000	9649	9932	10167
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>Independent Hydro</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>Operational Peaking Adjustment</i>	-2709	-5605	-9216	-7037	-7112	-7785	-10196	-10387	-9142	-8750	-9135	-8104	-6011	-4581
<i>Non-Fed CER (Canada)</i>	242	242	242	242	242	242	242	242	242	238	238	238	238	238
<i>Total Hydro Resources</i>	18691	15625	12205	14486	14599	13648	11357	11363	12331	11972	11286	12787	15478	16942
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Combustion Turbines</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Renewables</i>	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<i>Cogeneration</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Imports</i>	89	89	118	154	207	261	235	191	163	166	166	76	94	110
<i>Intra-Regional Transfers (In)</i>	0	0	23	23	23	0	0	0	0	0	0	0	0	0
<i>Large Thermal</i>	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<i>Non-Utility Generation</i>	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>Augmentation Purchases</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Augmentation Resources</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	1319	1319	1371	1408	1462	1495	1470	1425	1397	1399	1399	1306	1324	1340
<i>Total Resources</i>	20009	16944	13576	15894	16061	15143	12827	12788	13728	13371	12684	14093	16802	18282
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1058	-1049	-1059	-1064	-1073	-1060	-1066	-1075	-1062	-1024	-1009	-1033	-1063	-1064
<i>Small Thermal &amp; Misc. Reserves</i>	-4.0	-4.0	-4.0	-4	-4.1	-4.2	-4.2	-4.2	-4.2	-4.1	-4.1	-4.0	-4.0	-4.0
<i>Contract Reserves</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal Reserves</i>	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172
<i>Federal Hydro Maintenance</i>	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
<i>Spinning Reserves</i>	-389	-325	-239	-297	-301	-298	-252	-240	-264	-252	-242	-280	-350	-357
<i>Federal Transmission Losses</i>	-507	-423	-313	-389	-395	-393	-332	-315	-345	-330	-317	-363	-455	-466
<i>Total Reserves, Maintenance &amp; Losses</i>	-5393	-4735	-4557	-4678	-4651	-3794	-3235	-3691	-3763	-3845	-3549	-3609	-3679	-4848
<i>Total Net Resources</i>	14616	12209	9019	11216	11410	11349	9592	9097	9965	9526	9135	10484	13123	13433
<i>Total Firm Surplus/Deficit</i>	3663	1823	18	954	363	-397	-2125	-2236	-631	-520	-865	835	3191	3267

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Non-Utility Obligations</b>														
<i>Federal Agencies 2002 PSC Sale</i>	310	310	225	264	276	258	295	277	261	241	241	229	258	250
<i>USBR 2002 PSC Sale</i>	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>DSI 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Firm Non-Utility Obligations</i>	591	557	382	403	276	258	295	277	298	507	570	489	530	540
<b>Transfers Out</b>														
<i>NGP 2002 PSC Sale</i>	3905	3905	3702	4212	4423	4619	4976	4750	4354	4084	4084	3902	3890	4035
<i>GPU 2002 PSC Sale</i>	2375	2375	2602	2821	3179	3464	3525	3502	3257	2869	2869	2637	2272	2299
<i>NGP Slice Sale</i>	1101	900	631	817	841	833	686	647	720	664	625	675	897	999
<i>GPU Slice Sale</i>	1833	1498	1051	1361	1400	1387	1142	1078	1199	1106	1041	1125	1495	1663
<i>IOU 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Exports</i>	1511	1511	1509	1464	1418	1418	1417	1417	1417	1446	1446	1509	1509	1510
<i>Intra-Regional Transfers (Out)</i>	13	13	42	108	332	386	360	316	199	172	172	0.1	53	67
<i>Federal Diversity</i>	-893	-889	-869	-892	-788	-584	-616	-597	-791	-746	-752	-843	-870	-894
<i>Total Transfers Out</i>	9844	9313	8669	9891	10805	11523	11490	11112	10354	9594	9485	9004	9246	9679
<i>Total Firm Obligations</i>	10435	9870	9051	10294	11081	11781	11785	11390	10652	10101	10055	9494	9776	10219
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>Independent Hydro</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>Operational Peaking Adjustment</i>	-2694	-5581	-9201	-7012	-7084	-7763	-10173	-10369	-9127	-8729	-9116	-8087	-5988	-4555
<i>Non-Fed CER (Canada)</i>	238	238	238	238	238	238	238	238	238	234	234	234	234	234
<i>Total Hydro Resources</i>	18701	15645	12216	14507	14624	13666	11376	11378	12341	11989	11301	12801	15497	16964
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Combustion Turbines</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Renewables</i>	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<i>Cogeneration</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Imports</i>	89	89	118	154	207	261	235	191	163	166	166	76	94	110
<i>Intra-Regional Transfers (In)</i>	0	0	23	23	23	0	0	0	0	0	0	0	0	0
<i>Large Thermal</i>	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	1150
<i>Non-Utility Generation</i>	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>Augmentation Purchases</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Augmentation Resources</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	1319	1319	1371	1408	1462	1495	1470	1425	1397	1399	1399	156	174	1340
<i>Total Resources</i>	20020	16964	13587	15915	16086	15161	12846	12803	13738	13388	12700	12957	15671	18304
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1058	-1049	-1059	-1064	-1073	-1060	-1066	-1075	-1062	-1024	-1009	-1033	-1063	-1064
<i>Small Thermal &amp; Misc. Reserves</i>	-4.0	-4.0	-4.0	-4	-4.1	-4.2	-4.2	-4.2	-4.2	-4.1	-4.1	-4.0	-4.0	-4.0
<i>Contract Reserves</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal Reserves</i>	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	0	0	-172
<i>Federal Hydro Maintenance</i>	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
<i>Spinning Reserves</i>	-390	-326	-240	-297	-301	-299	-253	-241	-264	-253	-243	-246	-316	-358
<i>Federal Transmission Losses</i>	-507	-424	-313	-389	-396	-394	-333	-316	-346	-331	-317	-332	-424	-466
<i>Total Reserves, Maintenance &amp; Losses</i>	-5394	-4736	-4558	-4679	-4653	-3795	-3236	-3692	-3763	-3846	-3550	-3372	-3442	-4850
<i>Total Net Resources</i>	14626	12228	9029	11235	11433	11366	9610	9111	9975	9542	9149	9585	12229	13454
<i>Total Firm Surplus/Deficit</i>	4191	2357	-22	941	352	-415	-2175	-2279	-677	-559	-906	92	2453	3235



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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Non-Utility Obligations</b>														
<i>Federal Agencies 2002 PSC Sale</i>	312	312	227	266	278	260	297	279	263	242	242	231	260	252
<i>USBR 2002 PSC Sale</i>	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>DSI 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Firm Non-Utility Obligations</i>	593	559	383	405	278	260	297	280	300	509	572	491	532	542
<b>Transfers Out</b>														
<i>NGP 2002 PSC Sale</i>	3944	3944	3740	4258	4471	4668	5029	4800	4401	4128	4128	3944	3931	4077
<i>GPU 2002 PSC Sale</i>	2388	2388	2617	2838	3198	3483	3543	3519	3274	2885	2885	2651	2287	2314
<i>NGP Slice Sale</i>	1101	901	632	818	842	834	687	648	720	665	626	754	976	1000
<i>GPU Slice Sale</i>	1834	1501	1052	1363	1403	1389	1144	1079	1200	1108	1043	1255	1626	1666
<i>IOU 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Exports</i>	1511	1511	1509	1464	1417	1418	1416	1417	1417	1446	1446	1509	1509	1510
<i>Intra-Regional Transfers (Out)</i>	13	13	42	108	332	386	360	316	199	172	172	0.1	18	34
<i>Federal Diversity</i>	-900	-896	-876	-900	-795	-589	-621	-602	-798	-752	-758	-850	-877	-901
<i>Total Transfers Out</i>	9891	9361	8716	9949	10868	11589	11558	11177	10413	9651	9542	9263	9470	9700
<i>Total Firm Obligations</i>	10483	9920	9099	10354	11147	11849	11855	11457	10713	10160	10114	9754	10001	10242
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>Independent Hydro</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>Operational Peaking Adjustment</i>	-2682	-5561	-9188	-6992	-7061	-7745	-10154	-10354	-9115	-8712	-9101	-8073	-5970	-4533
<i>Non-Fed CER (Canada)</i>	234	234	234	234	234	234	234	234	234	233	233	233	233	233
<i>Total Hydro Resources</i>	18709	15661	12224	14522	14643	13680	11391	11389	12349	12006	11315	12813	15514	16985
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Combustion Turbines</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Renewables</i>	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<i>Cogeneration</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Imports</i>	89	89	118	154	207	261	235	191	163	166	166	76	94	110
<i>Intra-Regional Transfers (In)</i>	0	0	23	23	23	0	0	0	0	0	0	0	0	0
<i>Large Thermal</i>	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<i>Non-Utility Generation</i>	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>Augmentation Purchases</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Augmentation Resources</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	1319	1319	1371	1408	1462	1495	1470	1425	1397	1399	1399	1306	1324	1340
<i>Total Resources</i>	20028	16980	13595	15930	16104	15175	12861	12814	13746	13404	12713	14119	16838	18325
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1058	-1049	-1059	-1064	-1073	-1060	-1066	-1075	-1062	-1024	-1009	-1033	-1063	-1064
<i>Small Thermal &amp; Misc. Reserves</i>	-4.0	-4.0	-4.0	-4	-4.1	-4.2	-4.2	-4.2	-4.2	-4.1	-4.1	-4.0	-4.0	-4.0
<i>Contract Reserves</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal Reserves</i>	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172
<i>Federal Hydro Maintenance</i>	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
<i>Spinning Reserves</i>	-390	-327	-240	-298	-302	-299	-253	-241	-265	-253	-243	-281	-351	-359
<i>Federal Transmission Losses</i>	-507	-424	-313	-390	-397	-394	-334	-316	-346	-331	-318	-364	-456	-467
<i>Total Reserves, Maintenance &amp; Losses</i>	-5395	-4737	-4558	-4680	-4654	-3796	-3237	-3693	-3764	-3847	-3551	-3611	-3681	-4851
<i>Total Net Resources</i>	14633	12242	9037	11250	11450	11379	9624	9121	9982	9557	9162	10508	13157	13474
<i>Total Firm Surplus/Deficit</i>	4150	2322	-63	896	304	-470	-2231	-2336	-731	-603	-951	755	3156	3232

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Non-Utility Obligations</b>														
<i>Federal Agencies 2002 PSC Sale</i>	314	314	228	268	280	262	299	281	265	244	244	233	261	254
<i>USBR 2002 PSC Sale</i>	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>DSI 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Firm Non-Utility Obligations</i>	595	561	385	407	280	262	299	282	302	511	574	493	533	544
<b>Transfers Out</b>														
<i>NGP 2002 PSC Sale</i>	3986	3986	3780	4304	4519	4719	5083	4852	4450	4173	4173	3988	3973	4121
<i>GPU 2002 PSC Sale</i>	2403	2403	2631	2855	3215	3501	3561	3538	3290	2901	2901	2665	2301	2329
<i>NGP Slice Sale</i>	1102	902	632	819	843	834	688	648	721	666	627	677	899	1001
<i>GPU Slice Sale</i>	1835	1502	1053	1364	1404	1390	1145	1080	1200	1109	1044	1127	1498	1667
<i>IOU 2002 PSC Sale</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Exports</i>	1510	1510	1509	1464	1417	1418	1416	1417	1417	1446	1446	1493	1493	1494
<i>Intra-Regional Transfers (Out)</i>	13	13	42	108	325	379	353	309	199	172	172	0.1	18	34
<i>Federal Diversity</i>	-908	-903	-884	-908	-801	-594	-626	-607	-804	-759	-765	-858	-885	-909
<i>Total Transfers Out</i>	9940	9412	8764	10006	10922	11647	11620	11237	10472	9708	9598	9092	9298	9736
<i>Total Firm Obligations</i>	10535	9973	9149	10413	11203	11909	11919	11519	10774	10218	10171	9585	9831	10280
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>Independent Hydro</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>Operational Peaking Adjustment</i>	-2676	-5551	-9182	-6982	-7049	-7736	-10145	-10346	-9110	-8703	-9094	-8067	-5961	-4522
<i>Non-Fed CER (Canada)</i>	233	233	233	233	233	233	233	233	233	231	231	231	231	231
<i>Total Hydro Resources</i>	18714	15670	12229	14531	14653	13688	11399	11395	12354	12012	11320	12818	15521	16994
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Combustion Turbines</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Renewables</i>	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<i>Cogeneration</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Imports</i>	89	89	118	154	207	261	235	191	163	166	166	76	94	110
<i>Intra-Regional Transfers (In)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal</i>	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<i>Non-Utility Generation</i>	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>Augmentation Purchases</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Augmentation Resources</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	1319	1319	1348	1385	1439	1495	1470	1425	1397	1399	1399	156	174	1340
<i>Total Resources</i>	20033	16988	13577	15916	16092	15183	12869	12820	13751	13411	12719	12974	15695	18334
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1058	-1049	-1059	-1064	-1073	-1060	-1066	-1075	-1062	-1024	-1009	-1033	-1063	-1064
<i>Small Thermal &amp; Misc. Reserves</i>	-4.0	-4.0	-4.0	-4	-4.1	-4.2	-4.2	-4.2	-4.2	-4.1	-4.1	-4.0	-4.0	-4.0
<i>Contract Reserves</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Large Thermal Reserves</i>	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	-172	0	0	-172
<i>Federal Hydro Maintenance</i>	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
<i>Spinning Reserves</i>	-390	-327	-240	-298	-302	-299	-254	-241	-265	-254	-243	-247	-317	-359
<i>Federal Transmission Losses</i>	-507	-425	-313	-389	-396	-395	-334	-316	-346	-331	-318	-333	-425	-467
<i>Total Reserves, Maintenance &amp; Losses</i>	-5395	-4738	-4558	-4680	-4654	-3797	-3237	-3693	-3764	-3847	-3551	-3373	-3443	-4852
<i>Total Net Resources</i>	14638	12251	9019	11237	11438	11386	9632	9127	9987	9564	9167	9601	12252	13482
<i>Total Firm Surplus/Deficit</i>	4103	2278	-130	824	235	-523	-2287	-2392	-788	-654	-1004	16	2420	3202

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Section 10  
Monthly Regional Tables  
Loads & Resources  
Capacity in Megawatts

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Loads & Resources Regional Tables  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Regional Loads</b>														
<i>Regional Firm Loads</i>	25608	25636	24280	26267	28768	31233	32374	31005	28387	26103	26154	25745	25993	26422
<i>Exports</i>	2916	2916	2910	2396	2292	2308	2305	2305	2294	2299	2299	2243	2787	2717
<i>Federal Diversity</i>	-772	-768	-743	-778	-687	-515	-552	-533	-705	-662	-667	-774	-782	-792
<i>Total Firm Regional Loads</i>	27752	27784	26447	27884	30372	33026	34126	32776	29976	27741	27786	27214	27998	28346
<b>Non-Firm Regional Loads</b>														
<i>Regional Non-Firm Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Non-Firm Regional Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Loads</i>	27777	27809	26486	27909	30397	33051	34155	32824	30055	27800	27845	27239	28023	28371
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	31082	30866	31173	31068	31284	30941	30373	30519	30473	29832	29592	29643	31105	31179
<i>Independent Hydro</i>	1870	1852	1841	1826	1782	1769	1717	1830	1922	1971	1998	2077	2075	1930
<i>Operational Peaking Adjustment</i>	-2840	-5808	-9346	-7261	-7363	-7986	-10403	-10554	-9256	-8920	-9304	-8246	-6226	-4814
<i>Total Hydro Resources</i>	30111	26910	23668	25632	25704	24724	21687	21795	23138	22883	22286	23473	26953	28295
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	30	30	30	30	33	33	33	33	30	30	30	30	30	30
<i>Combustion Turbines</i>	3593	3598	3786	3620	3348	3354	3531	3347	3341	2711	2707	2634	2692	3412
<i>Renewables</i>	84	84	84	85	86	88	89	88	88	87	87	84	84	84
<i>Cogeneration</i>	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189
<i>Imports</i>	1453	1421	1298	1476	1715	1890	1852	1841	1390	1283	1297	1180	1393	1570
<i>Large Thermal</i>	7026	7026	7026	6286	7051	7051	7051	7051	7051	7051	6521	5792	7051	7051
<i>Non-Utility Generation</i>	1364	1364	1264	1174	1137	1111	1082	1111	1149	1303	1303	958	1458	1412
<i>Resource Acquisition</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	15759	15732	15702	14893	15599	15741	15872	15701	14646	14687	14168	12095	14920	15748
<i>Total Resources</i>	45870	42642	39370	40526	41302	40465	37559	37496	37784	37570	36454	35568	41873	44043
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1648	-1636	-1651	-1645	-1653	-1635	-1605	-1617	-1620	-1590	-1580	-1586	-1659	-1655
<i>Small Thermal &amp; Misc. Reserves</i>	-364	-364	-369	-357	-342	-340	-348	-340	-310	-318	-318	-256	-324	-356
<i>Contract Reserves</i>	-67	-62	-59	-87	-55	-65	-61	-59	-41	-42	-44	-55	-60	-66
<i>Large Thermal Reserves</i>	-1054	-1054	-1054	-943	-1058	-1058	-1058	-1058	-1058	-1058	-978	-869	-1058	-1058
<i>Regional Hydro Maintenance</i>	-4595	-4032	-3787	-3208	-2935	-2037	-1561	-2286	-2626	-2751	-2483	-2360	-2202	-3720
<i>Spinning Reserves</i>	-869	-802	-728	-770	-786	-786	-726	-706	-728	-720	-696	-708	-843	-841
<i>Regional Transmission Losses</i>	-1249	-1162	-1063	-1123	-1155	-1157	-1079	-1053	-1052	-1042	-1017	-996	-1197	-1218
<i>Total Reserves, Maintenance &amp; Losses</i>	-9845	-9113	-8711	-8133	-7983	-7078	-6438	-7119	-7435	-7520	-7115	-6830	-7342	-8914
<i>Total Net Resources</i>	36026	33529	30660	32393	33319	33387	31121	30377	30349	30051	29338	28738	34531	35129
<b>Surplus/Deficits</b>														
<i>Firm Surplus/Deficit</i>	8274	5745	4212	4509	2946	361	-3005	-2399	373	2310	1552	1524	6533	6783
<i>Total Surplus/Deficit</i>	8249	5720	4173	4484	2921	336	-3034	-2447	294	2251	1493	1499	6508	6758

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<b>Firm Regional Loads</b>														
<i>Regional Firm Loads</i>	26063	26045	24662	26826	29601	32011	32830	31481	28808	26649	26705	26234	26470	26923
<i>Exports</i>	2744	2744	2738	1928	1824	1841	1837	1837	1826	1830	1830	1774	2318	2330
<i>Federal Diversity</i>	-772	-771	-758	-837	-739	-552	-577	-559	-742	-702	-708	-789	-811	-831
<i>Total Firm Regional Loads</i>	28035	28019	26642	27917	30685	33299	34089	32759	29891	27777	27827	27219	27977	28421
<b>Non-Firm Regional Loads</b>														
<i>Regional Non-Firm Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Non-Firm Regional Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Loads</i>	28060	28044	26681	27942	30710	33324	34118	32807	29971	27836	27886	27244	28002	28446
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	31082	30866	31173	31068	31284	30941	30373	30519	30473	29832	29592	29643	31105	31179
<i>Independent Hydro</i>	1870	1852	1841	1826	1782	1769	1717	1830	1922	1971	1998	2077	2075	1930
<i>Operational Peaking Adjustment</i>	-2820	-5774	-9316	-7209	-7310	-7942	-10356	-10517	-9231	-8882	-9261	-8204	-6170	-4764
<i>Total Hydro Resources</i>	30132	26944	23697	25684	25756	24767	21734	21832	23163	22922	22329	23516	27010	28345
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	30	30	30	30	33	33	33	33	30	30	30	30	30	30
<i>Combustion Turbines</i>	3593	3598	3786	4027	3755	3761	3938	3754	3748	3118	3114	2634	3099	3819
<i>Renewables</i>	84	84	84	85	86	88	89	88	88	87	87	84	84	84
<i>Cogeneration</i>	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189
<i>Imports</i>	1381	1348	1244	1213	1632	1825	1730	1722	1286	1177	1191	1142	1423	1453
<i>Large Thermal</i>	7051	7051	6380	6380	7057	7074	7074	7074	7074	7074	6544	3606	4864	7074
<i>Non-Utility Generation</i>	1335	1335	1252	1147	1092	1075	1054	1082	1121	1274	1274	917	1437	1387
<i>Resource Acquisition</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	15684	15656	14990	15103	15883	16070	16152	15984	14944	14983	14463	9831	13150	16036
<i>Total Resources</i>	45816	42601	38687	40787	41638	40837	37886	37815	38107	37905	36793	33346	40160	44381
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1648	-1636	-1651	-1645	-1653	-1635	-1605	-1617	-1620	-1590	-1580	-1586	-1659	-1655
<i>Small Thermal &amp; Misc. Reserves</i>	-363	-363	-368	-376	-360	-359	-367	-359	-329	-337	-336	-254	-343	-375
<i>Contract Reserves</i>	-54	-49	-50	-50	-46	-57	-52	-50	-35	-35	-37	-51	-66	-58
<i>Large Thermal Reserves</i>	-1058	-1058	-957	-957	-1059	-1061	-1061	-1061	-1061	-1061	-982	-541	-730	-1061
<i>Regional Hydro Maintenance</i>	-4595	-4032	-3787	-3208	-2935	-2037	-1561	-2286	-2626	-2751	-2483	-2360	-2202	-3720
<i>Spinning Reserves</i>	-865	-799	-707	-774	-795	-795	-735	-715	-737	-729	-706	-643	-790	-850
<i>Regional Transmission Losses</i>	-1247	-1161	-1044	-1132	-1166	-1169	-1089	-1063	-1062	-1052	-1027	-935	-1151	-1228
<i>Total Reserves, Maintenance &amp; Losses</i>	-9829	-9098	-8564	-8142	-8012	-7113	-6470	-7152	-7470	-7555	-7151	-6369	-6940	-8948
<i>Total Net Resources</i>	35987	33503	30123	32645	33626	33724	31415	30664	30637	30350	29642	26977	33220	35433
<b>Surplus/Deficits</b>														
<i>Firm Surplus/Deficit</i>	7952	5484	3481	4728	2941	424	-2674	-2095	745	2572	1815	-242	5243	7012
<i>Total Surplus/Deficit</i>	7927	5459	3442	4703	2916	399	-2702	-2143	666	2514	1756	-267	5218	6987



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<b>Firm Regional Loads</b>														
<i>Regional Firm Loads</i>	26621	26603	25323	27299	29937	32248	33578	32177	29295	27116	27174	26761	27013	27461
<i>Exports</i>	2329	2329	2323	1903	1799	1817	1813	1813	1802	1805	1779	1697	1934	1946
<i>Federal Diversity</i>	-838	-833	-821	-845	-747	-558	-584	-565	-751	-707	-714	-797	-823	-839
<i>Total Firm Regional Loads</i>	28112	28099	26825	28357	30989	33506	34808	33425	30346	28214	28240	27660	28124	28568
<b>Non-Firm Regional Loads</b>														
<i>Regional Non-Firm Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Non-Firm Regional Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Loads</i>	28137	28124	26864	28382	31014	33531	34836	33473	30426	28272	28299	27685	28149	28593
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	31082	30866	31173	31068	31284	30941	30373	30519	30473	29832	29592	29643	31105	31179
<i>Independent Hydro</i>	1870	1852	1841	1826	1782	1769	1717	1830	1922	1971	1998	2077	2075	1930
<i>Operational Peaking Adjustment</i>	-2777	-5711	-9280	-7144	-7233	-7881	-10296	-10468	-9202	-8840	-9219	-8178	-6114	-4697
<i>Total Hydro Resources</i>	30175	27007	23733	25749	25833	24828	21794	21881	23192	22964	22371	23542	27065	28412
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	30	30	30	30	33	33	33	33	30	30	30	30	30	30
<i>Combustion Turbines</i>	4000	4005	4193	4027	3755	3761	3938	3754	3748	3118	3114	2392	3099	3819
<i>Renewables</i>	84	84	84	85	86	88	89	88	88	87	87	84	84	84
<i>Cogeneration</i>	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189
<i>Imports</i>	1360	1327	1146	1176	1585	1808	1413	1455	1320	1209	1223	1194	1478	1498
<i>Large Thermal</i>	7074	7074	7074	6921	6921	7080	7080	7080	7080	6921	5292	6550	7080	7080
<i>Non-Utility Generation</i>	1336	1336	1252	1197	1142	1125	1104	1132	1171	1324	1324	1213	1479	1437
<i>Resource Acquisition</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	16094	16066	15994	15659	15750	16109	15891	15773	15034	15071	14922	11621	14932	16136
<i>Total Resources</i>	46269	43073	39727	41408	41583	40938	37684	37654	38226	38035	37294	35163	41998	44549
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1648	-1636	-1651	-1645	-1653	-1635	-1605	-1617	-1620	-1590	-1580	-1586	-1659	-1655
<i>Small Thermal &amp; Misc. Reserves</i>	-383	-383	-389	-378	-362	-361	-370	-362	-332	-339	-339	-257	-345	-378
<i>Contract Reserves</i>	-60	-55	-45	-52	-46	-61	-49	-55	-40	-40	-42	-59	-71	-64
<i>Large Thermal Reserves</i>	-1061	-1061	-1061	-1038	-1038	-1062	-1062	-1062	-1062	-1062	-1038	-794	-983	-1062
<i>Regional Hydro Maintenance</i>	-4595	-4032	-3787	-3208	-2935	-2037	-1561	-2286	-2626	-2751	-2483	-2360	-2202	-3720
<i>Spinning Reserves</i>	-878	-812	-737	-794	-794	-799	-737	-719	-740	-733	-720	-702	-843	-854
<i>Regional Transmission Losses</i>	-1261	-1176	-1074	-1149	-1164	-1172	-1082	-1057	-1066	-1056	-1042	-985	-1202	-1233
<i>Total Reserves, Maintenance &amp; Losses</i>	-9885	-9155	-8744	-8263	-7992	-7128	-6466	-7158	-7486	-7570	-7243	-6742	-7305	-8967
<i>Total Net Resources</i>	36384	33918	30984	33144	33591	33810	31218	30496	30741	30465	30051	28421	34693	35582
<b>Surplus/Deficits</b>														
<i>Firm Surplus/Deficit</i>	8272	5819	4159	4787	2602	304	-3590	-2929	394	2251	1811	761	6569	7014
<i>Total Surplus/Deficit</i>	8247	5794	4120	4762	2577	279	-3618	-2977	315	2192	1752	736	6544	6989

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<b>Firm Regional Loads</b>														
<i>Regional Firm Loads</i>	27155	27130	25670	27784	30479	32871	33870	32474	29794	27543	27550	27092	27445	27902
<i>Exports</i>	1949	1949	1943	1802	1722	1733	1730	1730	1724	1738	1738	1658	1895	1903
<i>Federal Diversity</i>	-850	-845	-828	-855	-758	-563	-591	-572	-759	-715	-721	-808	-831	-849
<i>Total Firm Regional Loads</i>	28254	28234	26785	28731	31444	34040	35010	33632	30758	28566	28567	27943	28509	28956
<b>Non-Firm Regional Loads</b>														
<i>Regional Non-Firm Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Non-Firm Regional Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Loads</i>	28279	28259	26825	28756	31469	34065	35038	33680	30838	28624	28626	27968	28534	28981
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	31082	30866	31173	31068	31284	30941	30373	30519	30473	29832	29592	29643	31105	31179
<i>Independent Hydro</i>	1870	1852	1841	1826	1782	1769	1717	1830	1922	1971	1998	2077	2075	1930
<i>Operational Peaking Adjustment</i>	-2757	-5681	-9262	-7114	-7199	-7854	-10268	-10445	-9186	-8815	-9195	-8157	-6084	-4664
<i>Total Hydro Resources</i>	30194	27037	23751	25780	25867	24855	21822	21904	23209	22988	22395	23563	27095	28445
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	30	30	30	30	33	33	33	33	30	30	30	30	30	30
<i>Combustion Turbines</i>	4000	4005	4193	4027	3755	3761	3938	3754	3748	3118	3114	2634	3099	3819
<i>Renewables</i>	84	84	84	85	86	88	89	88	88	87	87	84	84	84
<i>Cogeneration</i>	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189
<i>Imports</i>	1203	1364	1252	1047	1140	1314	1278	1276	1179	1069	1083	1068	1226	1328
<i>Large Thermal</i>	7080	6316	6316	7080	7080	7080	7080	7080	7080	6550	6550	3982	5771	7080
<i>Non-Utility Generation</i>	1386	1386	1302	1197	1142	1125	1104	1132	1171	1325	1325	1213	1479	1437
<i>Resource Acquisition</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	15992	15394	15392	15689	15464	15616	15756	15594	14893	14402	14412	10428	13901	15967
<i>Total Resources</i>	46187	42431	39143	41469	41331	40471	37578	37498	38102	37390	36807	33991	40996	44412
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1648	-1636	-1651	-1645	-1653	-1635	-1605	-1617	-1620	-1590	-1580	-1586	-1659	-1655
<i>Small Thermal &amp; Misc. Reserves</i>	-385	-386	-391	-378	-362	-361	-370	-362	-332	-339	-339	-269	-345	-378
<i>Contract Reserves</i>	-36	-61	-60	-32	-24	-32	-29	-29	-19	-19	-21	-40	-32	-38
<i>Large Thermal Reserves</i>	-1062	-947	-947	-1062	-1062	-1062	-1062	-1062	-1062	-983	-983	-597	-866	-1062
<i>Regional Hydro Maintenance</i>	-4595	-4032	-3787	-3208	-2935	-2037	-1561	-2286	-2626	-2751	-2483	-2360	-2202	-3720
<i>Spinning Reserves</i>	-875	-793	-719	-795	-795	-794	-734	-714	-737	-713	-706	-660	-813	-850
<i>Regional Transmission Losses</i>	-1259	-1158	-1058	-1151	-1156	-1157	-1079	-1053	-1062	-1038	-1028	-954	-1175	-1230
<i>Total Reserves, Maintenance &amp; Losses</i>	-9861	-9013	-8614	-8271	-7987	-7079	-6440	-7123	-7458	-7433	-7138	-6465	-7091	-8933
<i>Total Net Resources</i>	36326	33418	30529	33198	33345	33392	31138	30375	30644	29957	29669	27526	33905	35479
<b>Surplus/Deficits</b>														
<i>Firm Surplus/Deficit</i>	8072	5184	3744	4467	1901	-649	-3872	-3257	-114	1392	1102	-417	5396	6523
<i>Total Surplus/Deficit</i>	8047	5159	3704	4442	1876	-674	-3900	-3305	-193	1333	1043	-442	5371	6498

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<b>Firm Regional Loads</b>														
<i>Regional Firm Loads</i>	27585	27564	26051	28023	30737	33447	34393	32794	30000	27796	27911	27539	27888	28248
<i>Exports</i>	2009	2009	2005	1904	1824	1833	1830	1831	1825	1840	1840	1761	1974	1981
<i>Federal Diversity</i>	-861	-857	-837	-863	-765	-568	-596	-577	-767	-722	-728	-816	-839	-858
<i>Total Firm Regional Loads</i>	28733	28716	27218	29064	31796	34712	35627	34047	31058	28914	29023	28484	29022	29372
<b>Non-Firm Regional Loads</b>														
<i>Regional Non-Firm Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Non-Firm Regional Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Loads</i>	28758	28741	27258	29089	31821	34737	35655	34095	31137	28973	29082	28509	29047	29397
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	31082	30866	31173	31068	31284	30941	30374	30519	30473	29833	29592	29643	31105	31179
<i>Independent Hydro</i>	1870	1852	1841	1826	1782	1769	1717	1830	1922	1971	1998	2077	2075	1930
<i>Operational Peaking Adjustment</i>	-2738	-5651	-9244	-7083	-7165	-7826	-10240	-10423	-9169	-8790	-9171	-8136	-6055	-4632
<i>Total Hydro Resources</i>	30214	27067	23769	25810	25902	24883	21851	21927	23226	23014	22420	23584	27125	28478
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	30	30	30	30	33	33	33	33	30	30	30	30	30	30
<i>Combustion Turbines</i>	4000	3795	3983	3817	3545	3551	3728	3544	3538	2908	2904	2182	2889	3609
<i>Renewables</i>	84	84	84	85	86	88	89	88	88	87	87	84	84	84
<i>Cogeneration</i>	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189
<i>Imports</i>	1209	1175	1067	1055	1151	1321	1283	1282	1186	1075	1090	1075	1251	1255
<i>Large Thermal</i>	7080	7080	7080	7080	7080	7080	7080	7080	7080	6410	6410	6492	6550	7080
<i>Non-Utility Generation</i>	1386	1386	1302	1198	1142	1125	1104	1132	1171	1324	1324	1213	1487	1437
<i>Resource Acquisition</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	15999	15760	15762	15487	15266	15413	15551	15390	14690	14057	14069	12493	14504	15684
<i>Total Resources</i>	46212	42827	39531	41297	41168	40296	37402	37317	37916	37071	36488	36077	41629	44162
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1648	-1636	-1651	-1645	-1653	-1635	-1605	-1617	-1620	-1590	-1580	-1586	-1659	-1655
<i>Small Thermal &amp; Misc. Reserves</i>	-385	-375	-381	-368	-352	-351	-359	-351	-321	-329	-328	-246	-335	-367
<i>Contract Reserves</i>	-37	-32	-32	-33	-24	-33	-30	-30	-20	-19	-22	-40	-47	-39
<i>Large Thermal Reserves</i>	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-962	-962	-974	-983	-1062
<i>Regional Hydro Maintenance</i>	-4595	-4032	-3787	-3208	-2935	-2037	-1561	-2286	-2626	-2751	-2483	-2360	-2202	-3720
<i>Spinning Reserves</i>	-876	-811	-737	-796	-796	-794	-735	-715	-737	-730	-722	-715	-840	-851
<i>Regional Transmission Losses</i>	-1260	-1168	-1068	-1145	-1151	-1152	-1074	-1047	-1056	-1028	-1018	-1010	-1191	-1222
<i>Total Reserves, Maintenance &amp; Losses</i>	-9863	-9117	-8717	-8257	-7973	-7065	-6426	-7108	-7443	-7408	-7114	-6932	-7257	-8917
<i>Total Net Resources</i>	36349	33711	30814	33041	33195	33231	30976	30209	30473	29663	29374	29146	34372	35245
<b>Surplus/Deficits</b>														
<i>Firm Surplus/Deficit</i>	7617	4994	3595	3976	1399	-1481	-4651	-3838	-584	748	351	662	5350	5874
<i>Total Surplus/Deficit</i>	7592	4969	3556	3951	1374	-1506	-4679	-3886	-664	689	292	637	5325	5849

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<b>Firm Regional Loads</b>														
<i>Regional Firm Loads</i>	27948	27928	26407	28363	31105	33749	34656	33273	30466	28132	28190	27774	28176	28751
<i>Exports</i>	1978	1978	1974	1889	1817	1828	1825	1825	1818	1831	1831	1744	1981	1989
<i>Federal Diversity</i>	-870	-865	-846	-873	-771	-573	-601	-582	-773	-728	-735	-823	-847	-867
<i>Total Firm Regional Loads</i>	29057	29041	27536	29379	32152	35004	35880	34516	31511	29235	29286	28695	29310	29873
<b>Non-Firm Regional Loads</b>														
<i>Regional Non-Firm Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Non-Firm Regional Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Loads</i>	29082	29066	27575	29404	32177	35029	35908	34564	31591	29294	29345	28720	29335	29898
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	31082	30866	31173	31068	31284	30941	30374	30519	30473	29833	29592	29643	31105	31180
<i>Independent Hydro</i>	1870	1852	1841	1826	1783	1769	1717	1830	1922	1971	1999	2077	2075	1930
<i>Operational Peaking Adjustment</i>	-2721	-5624	-9228	-7056	-7134	-7802	-10214	-10402	-9154	-8768	-9150	-8117	-6029	-4603
<i>Total Hydro Resources</i>	30231	27094	23786	25837	25932	24907	21876	21947	23241	23036	22441	23603	27150	28507
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	30	30	30	30	33	33	33	33	30	30	30	30	30	30
<i>Combustion Turbines</i>	3790	3795	3983	4027	3755	3761	3938	3754	3748	3118	3114	2392	3099	3819
<i>Renewables</i>	84	84	84	85	86	88	89	88	88	87	87	84	84	84
<i>Cogeneration</i>	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189
<i>Imports</i>	1136	1101	1075	1063	1162	1328	1092	1091	995	887	901	889	1067	1068
<i>Large Thermal</i>	7080	7080	7080	7080	7080	7080	7080	7080	7080	5880	5880	4812	5930	7080
<i>Non-Utility Generation</i>	1386	1386	1302	1197	1150	1133	1112	1140	1179	1333	1333	1213	1479	1437
<i>Resource Acquisition</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	15716	15686	15770	15705	15495	15638	15578	15417	14717	13558	13568	10837	13902	15707
<i>Total Resources</i>	45946	42780	39555	41542	41427	40545	37454	37364	37959	36594	36009	34440	41052	44214
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1648	-1636	-1651	-1645	-1653	-1635	-1605	-1617	-1620	-1590	-1580	-1586	-1659	-1655
<i>Small Thermal &amp; Misc. Reserves</i>	-375	-375	-381	-378	-363	-361	-370	-362	-332	-340	-339	-257	-345	-378
<i>Contract Reserves</i>	-38	-33	-33	-33	-40	-49	-31	-31	-21	-20	-22	-27	-33	-25
<i>Large Thermal Reserves</i>	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-882	-882	-722	-890	-1062
<i>Regional Hydro Maintenance</i>	-4595	-4032	-3787	-3208	-2935	-2037	-1561	-2286	-2626	-2751	-2483	-2360	-2202	-3720
<i>Spinning Reserves</i>	-876	-811	-737	-797	-800	-798	-736	-715	-738	-715	-707	-663	-819	-849
<i>Regional Transmission Losses</i>	-1251	-1167	-1069	-1153	-1158	-1159	-1075	-1048	-1057	-1015	-1005	-966	-1176	-1224
<i>Total Reserves, Maintenance &amp; Losses</i>	-9845	-9116	-8719	-8277	-8011	-7103	-6440	-7122	-7456	-7313	-7018	-6580	-7124	-8913
<i>Total Net Resources</i>	36101	33663	30836	33266	33416	33443	31014	30242	30502	29281	28991	27860	33928	35301
<b>Surplus/Deficits</b>														
<i>Firm Surplus/Deficit</i>	7044	4622	3300	3887	1264	-1561	-4866	-4274	-1009	46	-296	-834	4618	5428
<i>Total Surplus/Deficit</i>	7019	4597	3261	3862	1239	-1586	-4894	-4322	-1088	-12	-354	-859	4593	5403

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<b>Firm Regional Loads</b>														
<i>Regional Firm Loads</i>	28377	28312	26751	28813	31525	34247	35060	33562	30731	28481	28538	28273	28493	29110
<i>Exports</i>	1988	1988	1984	1813	1738	1738	1737	1737	1737	1766	1766	1683	1890	1891
<i>Federal Diversity</i>	-875	-871	-852	-889	-785	-582	-611	-593	-785	-740	-747	-837	-863	-886
<i>Total Firm Regional Loads</i>	29491	29430	27882	29737	32478	35404	36186	34706	31683	29508	29558	29119	29519	30114
<b>Non-Firm Regional Loads</b>														
<i>Regional Non-Firm Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Non-Firm Regional Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Loads</i>	29516	29455	27921	29762	32503	35429	36215	34754	31762	29566	29617	29144	29544	30139
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	31082	30867	31173	31068	31284	30941	30374	30519	30473	29833	29592	29643	31105	31180
<i>Independent Hydro</i>	1870	1852	1841	1826	1783	1769	1717	1830	1922	1971	1999	2077	2075	1930
<i>Operational Peaking Adjustment</i>	-2709	-5605	-9216	-7037	-7112	-7785	-10196	-10387	-9142	-8750	-9135	-8104	-6011	-4581
<i>Total Hydro Resources</i>	30243	27114	23798	25857	25955	24925	21895	21962	23253	23054	22456	23616	27169	28529
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	30	30	30	30	33	33	33	33	30	30	30	30	30	30
<i>Combustion Turbines</i>	4000	4005	4193	4027	3755	3761	3938	3754	3748	3118	3114	2634	3099	3819
<i>Renewables</i>	84	84	84	85	86	88	89	88	88	87	87	84	84	84
<i>Cogeneration</i>	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189
<i>Imports</i>	945	911	888	877	975	1140	1104	1106	1011	895	910	901	1049	1073
<i>Large Thermal</i>	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	5292	7080	7080
<i>Non-Utility Generation</i>	1386	1386	1302	1197	1150	1133	1112	1140	1179	1333	1333	1213	1479	1437
<i>Resource Acquisition</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	15735	15706	15793	15519	15308	15450	15590	15433	14734	14766	14777	11571	15034	15713
<i>Total Resources</i>	45978	42820	39591	41376	41263	40375	37485	37395	37987	37820	37233	35188	42203	44241
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1648	-1636	-1651	-1645	-1653	-1635	-1605	-1617	-1620	-1590	-1580	-1586	-1659	-1655
<i>Small Thermal &amp; Misc. Reserves</i>	-385	-386	-391	-378	-363	-361	-370	-362	-332	-340	-339	-269	-345	-378
<i>Contract Reserves</i>	-24	-19	-19	-20	-26	-35	-32	-32	-22	-21	-23	-28	-34	-26
<i>Large Thermal Reserves</i>	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-794	-1062	-1062
<i>Regional Hydro Maintenance</i>	-4595	-4032	-3787	-3208	-2935	-2037	-1561	-2286	-2626	-2751	-2483	-2360	-2202	-3720
<i>Spinning Reserves</i>	-874	-809	-735	-795	-798	-796	-737	-716	-738	-731	-724	-698	-854	-850
<i>Regional Transmission Losses</i>	-1253	-1168	-1070	-1148	-1153	-1154	-1076	-1049	-1058	-1049	-1039	-987	-1208	-1224
<i>Total Reserves, Maintenance &amp; Losses</i>	-9841	-9113	-8715	-8256	-7990	-7082	-6443	-7124	-7458	-7544	-7250	-6720	-7364	-8916
<i>Total Net Resources</i>	36137	33707	30876	33121	33273	33293	31043	30270	30528	30275	29983	28467	34838	35326
<b>Surplus/Deficits</b>														
<i>Firm Surplus/Deficit</i>	6646	4278	2994	3384	794	-2111	-5143	-4436	-1155	768	425	-652	5319	5212
<i>Total Surplus/Deficit</i>	6621	4253	2954	3359	769	-2136	-5172	-4484	-1234	709	366	-677	5294	5187

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<b>Firm Regional Loads</b>														
<i>Regional Firm Loads</i>	28791	28827	27310	29260	31832	34627	35476	33936	31088	28775	28829	28500	29006	29620
<i>Exports</i>	1891	1891	1890	1793	1718	1718	1717	1717	1717	1746	1746	1663	1869	1870
<i>Federal Diversity</i>	-893	-889	-869	-892	-788	-584	-616	-597	-791	-746	-752	-843	-870	-894
<i>Total Firm Regional Loads</i>	29789	29829	28331	30161	32761	35761	36577	35056	32014	29775	29822	29320	30005	30597
<b>Non-Firm Regional Loads</b>														
<i>Regional Non-Firm Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Non-Firm Regional Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Loads</i>	29814	29854	28370	30186	32786	35786	36606	35104	32093	29834	29881	29345	30030	30622
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	31082	30867	31173	31068	31284	30941	30374	30519	30473	29833	29592	29643	31105	31180
<i>Independent Hydro</i>	1870	1852	1841	1826	1783	1769	1717	1830	1922	1971	1999	2077	2075	1930
<i>Operational Peaking Adjustment</i>	-2694	-5581	-9201	-7012	-7084	-7763	-10173	-10369	-9127	-8729	-9116	-8087	-5988	-4555
<i>Total Hydro Resources</i>	30258	27138	23813	25882	25983	24947	21918	21981	23267	23075	22475	23634	27192	28555
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	30	30	30	30	33	33	33	33	30	30	30	30	30	30
<i>Combustion Turbines</i>	4000	4005	4193	4027	3755	3761	3938	3754	3748	3118	3114	2634	3099	3819
<i>Renewables</i>	84	84	84	85	86	88	89	88	88	87	87	84	84	84
<i>Cogeneration</i>	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189
<i>Imports</i>	953	918	894	882	943	1116	1082	1084	1018	902	918	910	1060	1079
<i>Large Thermal</i>	7080	7080	7080	7080	7080	7080	7080	7080	7080	6550	6020	4672	5930	7080
<i>Non-Utility Generation</i>	1386	1386	1302	1198	1150	1133	1112	1141	1180	1333	1333	1214	1488	1438
<i>Resource Acquisition</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	15743	15713	15799	15525	15276	15426	15569	15411	14741	14244	13726	10961	13904	15719
<i>Total Resources</i>	46001	42851	39612	41407	41259	40373	37487	37392	38009	37319	36200	34595	41097	44274
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1648	-1636	-1651	-1645	-1653	-1635	-1605	-1617	-1620	-1590	-1580	-1586	-1659	-1655
<i>Small Thermal &amp; Misc. Reserves</i>	-385	-386	-391	-378	-363	-361	-370	-362	-332	-340	-339	-269	-346	-378
<i>Contract Reserves</i>	-25	-20	-20	-20	-27	-36	-33	-33	-23	-22	-24	-29	-35	-27
<i>Large Thermal Reserves</i>	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-983	-903	-701	-890	-1062
<i>Regional Hydro Maintenance</i>	-4595	-4032	-3787	-3208	-2935	-2037	-1561	-2286	-2626	-2751	-2483	-2360	-2202	-3720
<i>Spinning Reserves</i>	-875	-810	-735	-795	-799	-797	-737	-717	-739	-716	-693	-680	-821	-851
<i>Regional Transmission Losses</i>	-1253	-1169	-1071	-1149	-1153	-1154	-1076	-1049	-1059	-1036	-1011	-971	-1177	-1225
<i>Total Reserves, Maintenance &amp; Losses</i>	-9843	-9115	-8717	-8258	-7992	-7083	-6444	-7126	-7460	-7437	-7033	-6594	-7130	-8919
<i>Total Net Resources</i>	36158	33736	30895	33148	33268	33290	31043	30266	30548	29882	29168	28000	33967	35356
<b>Surplus/Deficits</b>														
<i>Firm Surplus/Deficit</i>	6369	3907	2565	2987	506	-2471	-5534	-4790	-1466	107	-655	-1319	3961	4759
<i>Total Surplus/Deficit</i>	6344	3882	2525	2962	481	-2496	-5563	-4838	-1545	48	-713	-1344	3936	4734

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<b>Firm Regional Loads</b>														
<i>Regional Firm Loads</i>	29209	29189	27552	29467	32393	35224	35887	34349	31484	29135	29191	28889	29303	29953
<i>Exports</i>	1871	1871	1869	1793	1717	1718	1717	1717	1717	1746	1746	1663	1869	1870
<i>Federal Diversity</i>	-900	-896	-876	-900	-795	-589	-621	-602	-798	-752	-758	-850	-877	-901
<i>Total Firm Regional Loads</i>	30179	30164	28545	30359	33316	36353	36983	35464	32404	30129	30179	29701	30295	30922
<b>Non-Firm Regional Loads</b>														
<i>Regional Non-Firm Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Non-Firm Regional Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Loads</i>	30204	30189	28584	30384	33341	36378	37012	35512	32483	30187	30238	29726	30320	30947
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	31082	30867	31173	31068	31284	30941	30374	30519	30473	29833	29592	29643	31105	31180
<i>Independent Hydro</i>	1870	1852	1841	1826	1783	1769	1717	1830	1922	1971	1999	2077	2075	1930
<i>Operational Peaking Adjustment</i>	-2682	-5561	-9188	-6992	-7061	-7745	-10154	-10354	-9115	-8712	-9101	-8073	-5970	-4533
<i>Total Hydro Resources</i>	30270	27157	23825	25901	26006	24964	21937	21996	23279	23092	22489	23647	27210	28577
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	30	30	30	30	33	33	33	33	30	30	30	30	30	30
<i>Combustion Turbines</i>	4000	4005	4193	4027	3545	3551	3938	3754	3748	3118	3114	2392	3099	3819
<i>Renewables</i>	84	84	84	85	86	88	89	88	88	87	87	84	84	84
<i>Cogeneration</i>	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189
<i>Imports</i>	973	937	902	889	950	1125	1090	1092	1025	910	925	919	1070	1089
<i>Large Thermal</i>	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	5822	7080	7080
<i>Non-Utility Generation</i>	1387	1387	1303	1198	1151	1134	1113	1142	1180	1334	1334	1215	1481	1438
<i>Resource Acquisition</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	15764	15733	15808	15532	15074	15226	15578	15420	14749	14782	14793	11879	15057	15729
<i>Total Resources</i>	46033	42890	39633	41434	41080	40190	37514	37415	38028	37875	37283	35526	42266	44306
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1648	-1636	-1651	-1645	-1653	-1635	-1605	-1617	-1620	-1590	-1580	-1586	-1659	-1655
<i>Small Thermal &amp; Misc. Reserves</i>	-386	-386	-391	-378	-352	-351	-370	-362	-332	-340	-339	-257	-345	-378
<i>Contract Reserves</i>	-26	-21	-20	-21	-28	-37	-33	-34	-23	-23	-25	-29	-36	-28
<i>Large Thermal Reserves</i>	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-873	-1062	-1062
<i>Regional Hydro Maintenance</i>	-4595	-4032	-3787	-3208	-2935	-2037	-1561	-2286	-2626	-2751	-2483	-2360	-2202	-3720
<i>Spinning Reserves</i>	-875	-811	-736	-796	-799	-798	-738	-717	-739	-732	-725	-715	-856	-851
<i>Regional Transmission Losses</i>	-1254	-1171	-1072	-1150	-1147	-1148	-1077	-1050	-1059	-1051	-1041	-995	-1210	-1226
<i>Total Reserves, Maintenance &amp; Losses</i>	-9845	-9118	-8719	-8260	-7977	-7068	-6447	-7128	-7462	-7549	-7254	-6815	-7370	-8921
<i>Total Net Resources</i>	36188	33772	30914	33173	33103	33122	31068	30287	30566	30325	30029	28711	34896	35385
<b>Surplus/Deficits</b>														
<i>Firm Surplus/Deficit</i>	6009	3609	2369	2814	-213	-3232	-5915	-5177	-1838	197	-150	-991	4602	4463
<i>Total Surplus/Deficit</i>	5984	3584	2330	2789	-238	-3257	-5944	-5225	-1917	138	-209	-1016	4577	4438

Loads and Resources - Pacific Northwest Region  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
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12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Regional Loads</b>														
<i>Regional Firm Loads</i>	30036	30018	28228	30143	33218	36250	37062	35419	32373	29922	29977	29606	29975	30716
<i>Exports</i>	1870	1870	1869	1793	1717	1718	1616	1617	1617	1646	1646	1547	1753	1754
<i>Federal Diversity</i>	-908	-903	-884	-908	-801	-594	-626	-607	-804	-759	-765	-858	-885	-909
<i>Total Firm Regional Loads</i>	30999	30985	29214	31028	34134	37375	38052	36428	33185	30809	30858	30295	30843	31561
<b>Non-Firm Regional Loads</b>														
<i>Regional Non-Firm Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Non-Firm Regional Loads</i>	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>Total Loads</i>	31024	31010	29253	31053	34159	37400	38081	36476	33265	30868	30917	30320	30868	31586
<b>Hydro Resources</b>														
<i>Regulated Hydro</i>	31082	30867	31173	31068	31284	30941	30374	30520	30473	29833	29592	29644	31105	31180
<i>Independent Hydro</i>	1870	1852	1841	1826	1783	1769	1717	1830	1922	1971	1999	2077	2075	1930
<i>Operational Peaking Adjustment</i>	-2676	-5551	-9182	-6982	-7049	-7736	-10145	-10346	-9110	-8703	-9094	-8067	-5961	-4522
<i>Total Hydro Resources</i>	30276	27167	23831	25911	26018	24974	21946	22003	23285	23101	22497	23654	27219	28588
<b>Other Resources</b>														
<i>Small Thermal &amp; Misc.</i>	30	30	30	30	33	33	33	33	30	30	30	30	30	30
<i>Combustion Turbines</i>	4000	3795	3983	3817	3545	3551	3728	3544	3538	2908	2904	2424	2889	3609
<i>Renewables</i>	84	84	84	85	86	88	89	88	88	87	87	84	84	84
<i>Cogeneration</i>	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189
<i>Imports</i>	981	945	910	897	958	1133	1098	1101	1033	917	933	928	1082	1099
<i>Large Thermal</i>	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	4672	5930	7080
<i>Non-Utility Generation</i>	1387	1387	1303	1198	1151	1134	1113	1142	1180	1334	1334	1215	1481	1438
<i>Resource Acquisition</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total Other Resources</i>	15772	15531	15606	15330	15082	15234	15376	15219	14547	14579	14591	10770	13709	15529
<i>Total Resources</i>	46047	42698	39437	41242	41099	40207	37322	37222	37832	37681	37089	34424	40927	44117
<b>Reserves &amp; Maintenance</b>														
<i>Hydro Reserves</i>	-1648	-1636	-1651	-1645	-1653	-1635	-1605	-1617	-1620	-1590	-1580	-1586	-1659	-1655
<i>Small Thermal &amp; Misc. Reserves</i>	-386	-375	-381	-368	-352	-351	-360	-352	-322	-329	-329	-259	-335	-367
<i>Contract Reserves</i>	-27	-21	-21	-22	-29	-38	-34	-34	-24	-24	-26	-30	-37	-29
<i>Large Thermal Reserves</i>	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-1062	-701	-890	-1062
<i>Regional Hydro Maintenance</i>	-4595	-4032	-3787	-3208	-2935	-2037	-1561	-2286	-2626	-2751	-2483	-2360	-2202	-3720
<i>Spinning Reserves</i>	-875	-811	-736	-797	-800	-798	-738	-718	-740	-733	-725	-681	-822	-852
<i>Regional Transmission Losses</i>	-1255	-1164	-1065	-1144	-1148	-1149	-1071	-1044	-1053	-1045	-1035	-965	-1172	-1220
<i>Total Reserves, Maintenance &amp; Losses</i>	-9847	-9102	-8703	-8245	-7979	-7070	-6431	-7113	-7447	-7534	-7239	-6581	-7116	-8906
<i>Total Net Resources</i>	36200	33596	30734	32996	33120	33137	30891	30110	30386	30147	29850	27843	33811	35211
<b>Surplus/Deficits</b>														
<i>Firm Surplus/Deficit</i>	5202	2610	1520	1968	-1013	-4238	-7161	-6319	-2799	-662	-1009	-2453	2968	3650
<i>Total Surplus/Deficit</i>	5177	2585	1481	1943	-1038	-4263	-7190	-6367	-2879	-721	-1067	-2478	2943	3625



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Section 11  
Monthly Federal 50-Water Year  
Surplus/Deficit  
Capacity in Megawatts

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50-Water Year Surplus/Deficit  
Federal Tables  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Federal Surplus/Deficit by Water Year  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

10/31/2005

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1929 Federal Surplus/Deficit	3586	1694	175	828	468	-111	477	-2689	-788	-1093	-1519	-381	3629	3563
1930 Federal Surplus/Deficit	2412	1355	21	1190	735	-223	-2766	-1414	-748	-529	-718	-320	3588	3807
1931 Federal Surplus/Deficit	2858	1710	161	1141	620	-52	-2736	-2649	-947	46	-1819	509	2868	2644
1932 Federal Surplus/Deficit	2779	1157	231	1008	420	-235	-2832	-2896	484	3970	5331	5728	6192	4676
1933 Federal Surplus/Deficit	3778	3367	409	1098	308	1053	3406	2577	-784	640	2230	4467	7115	6040
1934 Federal Surplus/Deficit	3473	4052	1154	2798	3289	6468	5741	5065	3754	6164	5508	5407	2642	4372
1935 Federal Surplus/Deficit	2189	347	0.2	791	264	235	2841	3343	-1212	375	3100	3802	5409	4651
1936 Federal Surplus/Deficit	3440	1760	194	1026	490	-124	-1855	-2636	-570	-732	2755	6267	5083	3654
1937 Federal Surplus/Deficit	3274	1381	62	1133	626	-116	-2296	-2365	-793	-903	-1238	168	2538	2997
1938 Federal Surplus/Deficit	2952	811	-7.9	1337	318	-223	3593	-204	2213	3259	3464	5821	5713	4294
1939 Federal Surplus/Deficit	2703	1155	547	1270	477	-235	999	-2264	-225	380	1877	4943	3578	3783
1940 Federal Surplus/Deficit	3400	1559	104	1475	469	86	136	-1138	2528	1760	2951	3756	4545	2992
1941 Federal Surplus/Deficit	2642	964	48	1214	298	626	851	-2576	-657	-1235	-1142	1414	4054	2059
1942 Federal Surplus/Deficit	2407	1221	485	1077	263	3053	3797	-1680	-1169	-229	1250	3490	6447	5063
1943 Federal Surplus/Deficit	3754	3290	423	1122	298	158	2961	2090	3115	5927	5244	5782	6324	5127
1944 Federal Surplus/Deficit	3637	3242	338	1135	475	-212	999	-2592	-1115	-964	-1770	-291	2447	1791
1945 Federal Surplus/Deficit	2500	292	188	892	517	-130	-2709	-2073	-937	-973	-1558	3571	5899	3706
1946 Federal Surplus/Deficit	2660	2219	-67	1275	411	-322	1367	1312	3304	3772	4718	5977	5969	5019
1947 Federal Surplus/Deficit	3818	2981	713	986	382	4413	3997	3241	3676	1633	3769	5529	5757	4751
1948 Federal Surplus/Deficit	3830	2309	437	4097	2115	2733	3785	0.1	1695	2040	4569	6420	7345	5289
1949 Federal Surplus/Deficit	3568	4288	1658	1501	368	569	1773	-196	4546	2006	5163	5966	5624	2851
1950 Federal Surplus/Deficit	2448	361	-300	1093	345	-452	1973	3708	5155	4832	4591	5275	7070	5359
1951 Federal Surplus/Deficit	3302	3842	862	2430	3031	5690	4983	5298	3879	4708	5029	5998	5112	5309
1952 Federal Surplus/Deficit	3628	3919	1311	3408	566	3277	3684	1787	2202	4890	5084	6392	5840	4050
1953 Federal Surplus/Deficit	3642	2102	272	1055	666	-144	475	3091	-335	-928	1703	5070	6998	5403
1954 Federal Surplus/Deficit	3723	3063	669	1479	450	1585	2630	3477	1644	4038	3474	5639	6821	5784
1955 Federal Surplus/Deficit	4276	4106	4401	2407	1513	2086	183	-2117	-1087	388	29	3046	7239	6271
1956 Federal Surplus/Deficit	3576	4231	590	2130	1864	5315	5331	2538	4702	4933	5682	6394	7247	5506
1957 Federal Surplus/Deficit	3804	3572	610	1653	358	1876	2433	-1282	811	5391	3843	6259	7140	4262
1958 Federal Surplus/Deficit	3013	1498	228	1276	480	-199	1641	1766	2018	744	4356	5987	6605	3825
1959 Federal Surplus/Deficit	3033	1894	334	1082	1080	3324	5035	4023	2086	3649	2979	4836	6806	5690
1960 Federal Surplus/Deficit	3642	3380	4171	4955	3588	4894	3753	87	1607	6168	4722	4341	5978	4769
1961 Federal Surplus/Deficit	3819	1676	437	1328	600	616	2450	2638	2838	3674	3900	5046	7112	4396
1962 Federal Surplus/Deficit	3164	2372	26	1153	382	-471	2277	-1228	-752	5097	5139	4553	5335	4940
1963 Federal Surplus/Deficit	3515	2870	269	1932	1408	3242	2761	859	694	395	1227	5211	5839	4728
1964 Federal Surplus/Deficit	3950	3115	868	882	431	110	2057	-163	-806	2002	2469	4163	7149	6055
1965 Federal Surplus/Deficit	3658	3781	1661	2628	649	5558	5631	5103	4267	3344	5115	5888	6327	4350
1966 Federal Surplus/Deficit	3702	3582	786	1855	719	2042	3265	-540	-504	4131	2266	4491	4856	5000
1967 Federal Surplus/Deficit	3841	2663	157	1039	408	486	3684	4621	843	2979	1680	3256	7012	5722
1968 Federal Surplus/Deficit	3677	3481	957	1604	584	1674	3230	2235	2004	-1320	1480	3450	6225	5554
1969 Federal Surplus/Deficit	3789	3638	2284	2699	2127	2976	4921	4044	2676	5823	5220	6337	6116	4899
1970 Federal Surplus/Deficit	3757	2150	322	1215	639	283	2724	2266	-263	-669	2562	4454	6422	3000
1971 Federal Surplus/Deficit	2868	1715	36	1251	579	64	4234	5821	3535	4067	4830	6432	7083	5675
1972 Federal Surplus/Deficit	3769	4340	1063	1249	464	1712	4051	5438	5739	5995	3388	6347	7214	5881
1973 Federal Surplus/Deficit	4085	4111	1697	1574	432	2143	3639	-2194	-838	-1452	-1339	1127	3970	3462
1974 Federal Surplus/Deficit	2778	684	-54	722	385	3509	5977	5801	4947	5532	5579	6132	7241	6455
1975 Federal Surplus/Deficit	3809	4328	1635	767	476	323	2980	1673	3599	2130	2797	5149	6626	6001
1976 Federal Surplus/Deficit	2950	2328	763	2162	2794	6335	4872	3952	2872	5593	4489	6175	5444	5791
1977 Federal Surplus/Deficit	4573	4863	5293	1895	508	89	1093	-2721	-1280	-1652	-2264	906	1820	1742
1978 Federal Surplus/Deficit	2826	431	-115	345	257	20	2317	229	3612	2234	3475	4838	5192	5014
Top Ten Percent	3392	3647	1006	2430	2325	5873	5312	4391	3895	4948	5165	5972	5354	5066
Middle Eighty Percent	3389	2441	818	1502	671	1168	2389	1005	1404	2268	2923	4792	6019	4697
Bottom Ten Percent	3154	1877	151	1085	585	-143	-1264	-2342	-878	-689	-1413	-63	3014	2960

Federal Surplus/Deficit by Water Year  
 PNW Loads and Resource Study  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1929 Federal Surplus/Deficit	4450	2546	-19	587	167	-427	266	-2923	-1012	-1140	-1568	-835	3100	3345
1930 Federal Surplus/Deficit	3276	2207	-175	942	452	-538	-2983	-1642	-970	-572	-769	-777	3060	3590
1931 Federal Surplus/Deficit	3722	2565	-35	891	332	-364	-2950	-2882	-1171	6.4	-1873	54	2349	2439
1932 Federal Surplus/Deficit	3645	2015	36	760	122	-556	-3049	-3130	276	3935	5267	5257	5647	4453
1933 Federal Surplus/Deficit	4637	4214	216	856	-20	746	3195	2364	-1002	608	2182	4002	6560	5812
1934 Federal Surplus/Deficit	4335	4900	970	2556	2994	6121	5524	4845	3556	6103	5442	4942	2113	4150
1935 Federal Surplus/Deficit	3059	1208	-192	544	-67	-80	2631	3129	-1438	339	3053	3339	4867	4430
1936 Federal Surplus/Deficit	4303	2616	0.9	783	198	-438	-2062	-2869	-788	-777	2709	5788	4548	3440
1937 Federal Surplus/Deficit	4134	2234	-134	888	339	-430	-2509	-2596	-1015	-947	-1288	-295	2011	2785
1938 Federal Surplus/Deficit	3816	1671	-203	1090	5.9	-539	3378	-421	2013	3224	3415	5350	5169	4076
1939 Federal Surplus/Deficit	3566	1999	355	1027	177	-553	795	-2492	-438	344	1832	4477	3047	3566
1940 Federal Surplus/Deficit	4261	2413	-91	1232	174	-228	-76	-1365	2332	1722	2914	3294	4008	2781
1941 Federal Surplus/Deficit	3506	1822	-148	971	-14	320	633	-2807	-877	-1272	-1175	960	3521	1851
1942 Federal Surplus/Deficit	3270	2073	291	831	-59	2749	3588	-1907	-1399	-268	1206	3029	5897	4839
1943 Federal Surplus/Deficit	4614	4136	230	879	-25	-158	2751	1867	2916	5874	5182	5312	5775	4901
1944 Federal Surplus/Deficit	4494	4089	142	892	174	-530	786	-2826	-1345	-1011	-1814	-742	1922	1582
1945 Federal Surplus/Deficit	3362	1146	-7.1	644	222	-447	-2927	-2306	-1163	-1019	-1613	3114	5354	3493
1946 Federal Surplus/Deficit	3519	3065	-263	1027	105	-640	1154	1091	3106	3735	4662	5505	5425	4794
1947 Federal Surplus/Deficit	4678	3830	522	744	72	4104	3788	3024	3476	1601	3719	5060	5217	4528
1948 Federal Surplus/Deficit	4687	3153	244	3855	1843	2439	3573	-224	1500	2004	4514	5939	6790	5066
1949 Federal Surplus/Deficit	4427	5132	1470	1260	58	257	1565	-425	4341	1973	5102	5492	5081	2640
1950 Federal Surplus/Deficit	3311	1211	-498	847	31	-772	1766	3485	4945	4793	4538	4809	6515	5133
1951 Federal Surplus/Deficit	4160	4688	671	2189	2746	5382	4767	5076	3679	4670	4971	5525	4573	5083
1952 Federal Surplus/Deficit	4487	4764	1123	3166	273	2978	3472	1573	1999	4850	5025	5912	5296	3835
1953 Federal Surplus/Deficit	4501	2944	77	810	377	-459	258	2877	-544	-967	1656	4603	6443	5176
1954 Federal Surplus/Deficit	4581	3909	478	1238	150	1278	2422	3262	1446	4000	3424	5171	6269	5556
1955 Federal Surplus/Deficit	5135	4952	4229	2165	1241	1787	-28	-2349	-1316	353	-0.3	2584	6684	6043
1956 Federal Surplus/Deficit	4436	5076	398	1888	1588	5011	5115	2326	4493	4896	5609	5913	6692	5279
1957 Federal Surplus/Deficit	4662	4417	418	1411	45	1573	2223	-1510	611	5346	3795	5782	6585	4041
1958 Federal Surplus/Deficit	3872	2342	33	1033	181	-519	1435	1546	1826	706	4301	5512	6055	3606
1959 Federal Surplus/Deficit	3892	2743	140	842	801	3025	4819	3811	1885	3615	2933	4373	6253	5460
1960 Federal Surplus/Deficit	4502	4228	3998	4713	3263	4595	3546	-131	1408	6109	4667	3879	5433	4546
1961 Federal Surplus/Deficit	4678	2524	246	1087	309	303	2241	2424	2643	3639	3845	4584	6557	4175
1962 Federal Surplus/Deficit	4026	3224	-170	911	78	-794	2067	-1448	-974	5053	5081	4090	4795	4716
1963 Federal Surplus/Deficit	4376	3718	74	1691	1136	2944	2555	646	482	361	1189	4743	5297	4506
1964 Federal Surplus/Deficit	4808	3960	678	640	127	-206	1849	-382	-1029	1963	2419	3700	6594	5827
1965 Federal Surplus/Deficit	4516	4626	1475	2387	361	5243	5414	4882	4063	3308	5055	5415	5778	4130
1966 Federal Surplus/Deficit	4559	4423	597	1613	434	1736	3053	-754	-722	4101	2225	4030	4321	4775
1967 Federal Surplus/Deficit	4702	3512	-38	796	104	174	3472	4403	644	2947	1633	2798	6458	5493
1968 Federal Surplus/Deficit	4537	4330	767	1363	291	1368	3018	2024	1808	-1365	1438	2986	5680	5323
1969 Federal Surplus/Deficit	4648	4484	2103	2458	1856	2679	4705	3831	2476	5773	5160	5858	5572	4674
1970 Federal Surplus/Deficit	4615	2999	128	975	349	-32	2509	2053	-473	-709	2520	3989	5871	2791
1971 Federal Surplus/Deficit	3729	2557	-161	1006	283	-251	4019	5592	3335	4030	4774	5951	6528	5447
1972 Federal Surplus/Deficit	4628	5184	874	1007	164	1406	3835	5214	5522	5941	3344	5867	6658	5654
1973 Federal Surplus/Deficit	4944	4957	1511	1332	129	1840	3425	-2424	-1061	-1493	-1376	668	3440	3247
1974 Federal Surplus/Deficit	3642	1540	-251	474	45	3204	5760	5573	4740	5487	5510	5656	6686	6229
1975 Federal Surplus/Deficit	4666	5171	1449	525	176	8.4	2770	1460	3396	2097	2749	4682	6074	5773
1976 Federal Surplus/Deficit	3810	3171	573	1920	2514	6010	4657	3737	2677	5547	4436	5699	4902	5563
1977 Federal Surplus/Deficit	5433	5702	5123	1653	210	-225	882	-2954	-1515	-1701	-2306	451	1299	1535
1978 Federal Surplus/Deficit	3690	1290	-311	99	-67	-300	2103	4.4	3413	2206	3427	4374	4650	4790
Top Ten Percent	4251	4492	817	2188	2041	5553	5095	4173	3694	4905	5103	5499	4811	4841
Middle Eighty Percent	4249	3289	627	1259	369	858	2178	784	1195	2229	2874	4324	5473	4476
Bottom Ten Percent	4015	2728	-44	840	293	-458	-1478	-2574	-1102	-733	-1462	-519	2488	2748

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1929 Federal Surplus/Deficit	4107	2231	-347	200	-255	-850	256	-2948	-1040	-1134	-1529	-81	3845	3414
1930 Federal Surplus/Deficit	2941	1896	-502	545	57	-959	-2998	-1661	-995	-565	-740	-22	3818	3662
1931 Federal Surplus/Deficit	3386	2255	-363	491	-70	-778	-2964	-2903	-1200	16	-1838	815	3125	2527
1932 Federal Surplus/Deficit	3308	1704	-288	365	-294	-982	-3066	-3152	255	3956	5298	6007	6384	4519
1933 Federal Surplus/Deficit	4291	3896	-109	467	-478	336	3188	2373	-1022	644	2227	4764	7286	5870
1934 Federal Surplus/Deficit	3994	4584	659	2172	2573	5657	5508	4842	3561	6095	5465	5704	2875	4214
1935 Federal Surplus/Deficit	2730	901	-512	150	-528	-499	2627	3138	-1466	354	3094	4094	5606	4498
1936 Federal Surplus/Deficit	3963	2306	-322	393	-210	-852	-2067	-2891	-813	-765	2739	6529	5301	3516
1937 Federal Surplus/Deficit	3791	1922	-463	495	-62	-847	-2521	-2614	-1040	-937	-1252	448	2762	2864
1938 Federal Surplus/Deficit	3477	1368	-530	696	-429	-962	3366	-422	2007	3246	3454	6102	5903	4148
1939 Federal Surplus/Deficit	3232	1686	33	636	-244	-980	799	-2507	-459	357	1866	5229	3803	3637
1940 Federal Surplus/Deficit	3920	2101	-418	842	-237	-645	-86	-1387	2329	1729	2968	4044	4754	2860
1941 Federal Surplus/Deficit	3170	1513	-475	580	-450	-90	613	-2830	-903	-1252	-1111	1723	4267	1934
1942 Federal Surplus/Deficit	2935	1763	-38	433	-508	2335	3587	-1925	-1434	-263	1241	3782	6626	4903
1943 Federal Surplus/Deficit	4271	3819	-96	489	-476	-584	2740	1846	2904	5873	5206	6063	6504	4958
1944 Federal Surplus/Deficit	4149	3777	-190	501	-250	-959	774	-2853	-1380	-1008	-1768	22	2675	1662
1945 Federal Surplus/Deficit	3026	836	-334	248	-193	-870	-2948	-2333	-1195	-1015	-1584	3864	6086	3573
1946 Federal Surplus/Deficit	3180	2751	-593	629	-323	-1068	1135	1079	3102	3757	4695	6256	6167	4856
1947 Federal Surplus/Deficit	4333	3515	199	351	-362	3673	3784	3011	3473	1632	3762	5810	5963	4594
1948 Federal Surplus/Deficit	4339	2836	-82	3469	1451	2042	3560	-243	1504	2028	4549	6677	7516	5133
1949 Federal Surplus/Deficit	4085	4811	1151	871	-377	-164	1561	-449	4328	1993	5132	6235	5822	2720
1950 Federal Surplus/Deficit	2975	897	-830	451	-410	-1199	1765	3470	4931	4804	4576	5567	7242	5193
1951 Federal Surplus/Deficit	3819	4372	345	1798	2331	4963	4754	5064	3672	4684	5005	6275	5315	5145
1952 Federal Surplus/Deficit	4144	4447	806	2776	-140	2567	3461	1567	1989	4857	5050	6650	6032	3911
1953 Federal Surplus/Deficit	4157	2627	-252	417	-27	-880	230	2874	-554	-942	1699	5359	7167	5234
1954 Federal Surplus/Deficit	4237	3596	155	850	-271	866	2416	3260	1447	4021	3459	5926	7001	5614
1955 Federal Surplus/Deficit	4791	4634	3937	1779	857	1390	-37	-2370	-1347	369	61	3341	7411	6104
1956 Federal Surplus/Deficit	4093	4755	74	1501	1192	4593	5098	2323	4474	4917	5622	6652	7418	5339
1957 Federal Surplus/Deficit	4317	4102	93	1022	-394	1159	2217	-1534	602	5350	3839	6524	7311	4107
1958 Federal Surplus/Deficit	3532	2027	-295	640	-238	-949	1432	1529	1835	725	4334	6255	6789	3675
1959 Federal Surplus/Deficit	3550	2430	-187	454	400	2615	4802	3815	1877	3646	2985	5138	6983	5515
1960 Federal Surplus/Deficit	4159	3915	3701	4323	2805	4192	3546	-136	1401	6106	4711	4644	6170	4612
1961 Federal Surplus/Deficit	4334	2208	-76	700	-100	-113	2239	2422	2648	3670	3886	5351	7286	4242
1962 Federal Surplus/Deficit	3686	2911	-499	523	-349	-1224	2062	-1458	-1001	5060	5117	4852	5537	4780
1963 Federal Surplus/Deficit	4035	3401	-253	1298	745	2539	2554	637	464	382	1245	5488	6032	4573
1964 Federal Surplus/Deficit	4462	3642	357	252	-300	-629	1846	-385	-1056	1968	2463	4458	7319	5886
1965 Federal Surplus/Deficit	4174	4310	1159	2000	-43	4805	5395	4868	4050	3326	5083	6162	6504	4195
1966 Federal Surplus/Deficit	4216	4106	273	1222	32	1320	3044	-750	-746	4129	2276	4788	5070	4839
1967 Federal Surplus/Deficit	4358	3192	-365	407	-323	-243	3462	4401	647	2985	1685	3561	7185	5549
1968 Federal Surplus/Deficit	4194	4017	447	973	-121	952	3008	2022	1810	-1357	1493	3737	6416	5378
1969 Federal Surplus/Deficit	4305	4169	1794	2067	1465	2277	4687	3831	2464	5778	5190	6599	6315	4737
1970 Federal Surplus/Deficit	4267	2686	-198	588	-58	-454	2486	2044	-486	-687	2582	4742	6595	2870
1971 Federal Surplus/Deficit	3392	2241	-495	609	-135	-679	3998	5569	3322	4043	4809	6687	7252	5502
1972 Federal Surplus/Deficit	4285	4862	552	617	-261	988	3816	5197	5500	5945	3397	6606	7383	5713
1973 Federal Surplus/Deficit	4600	4639	1193	942	-298	1426	3410	-2446	-1090	-1478	-1316	1421	4196	3321
1974 Federal Surplus/Deficit	3306	1229	-580	74	-427	2780	5741	5553	4725	5496	5529	6400	7411	6290
1975 Federal Surplus/Deficit	4322	4850	1133	135	-247	-416	2760	1459	3384	2125	2793	5437	6799	5828
1976 Federal Surplus/Deficit	3476	2861	250	1527	2108	5567	4642	3736	2673	5555	4474	6442	5637	5620
1977 Federal Surplus/Deficit	5093	5368	4832	1265	-208	-648	872	-2979	-1554	-1694	-2252	1221	2067	1619
1978 Federal Surplus/Deficit	3351	984	-639	-296	-519	-738	2084	-19	3410	2243	3475	5134	5386	4851
Top Ten Percent	3911	4176	498	1799	1632	5117	5079	4167	3686	4916	5130	6247	5550	4902
Middle Eighty Percent	3908	2975	305	868	-54	440	2167	772	1181	2246	2916	5077	6209	4542
Bottom Ten Percent	3675	2416	-373	446	-116	-878	-1491	-2596	-1131	-726	-1425	237	3245	2826

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1929 Federal Surplus/Deficit	4114	2246	-306	252	-258	-808	268	-2936	-1030	-1112	-1532	-796	3155	3420
1930 Federal Surplus/Deficit	2954	1912	-461	593	64	-917	-2989	-1645	-984	-540	-744	-739	3128	3668
1931 Federal Surplus/Deficit	3397	2271	-322	538	-65	-734	-2954	-2891	-1191	44	-1843	99	2439	2540
1932 Federal Surplus/Deficit	3319	1720	-246	414	-295	-943	-3057	-3140	275	3983	5288	5285	5685	4521
1933 Federal Surplus/Deficit	4297	3909	-66	519	-496	383	3200	2398	-1009	676	2228	4047	6581	5867
1934 Federal Surplus/Deficit	4002	4594	707	2224	2571	5678	5513	4859	3584	6107	5453	4984	2185	4217
1935 Federal Surplus/Deficit	2745	920	-468	199	-547	-457	2640	3161	-1458	383	3095	3376	4909	4500
1936 Federal Surplus/Deficit	3972	2324	-279	444	-208	-809	-2052	-2878	-800	-739	2740	5801	4609	3523
1937 Federal Surplus/Deficit	3800	1939	-422	544	-57	-805	-2510	-2601	-1029	-912	-1254	-272	2072	2874
1938 Federal Surplus/Deficit	3487	1388	-489	745	-438	-920	3376	-400	2032	3274	3454	5379	5206	4152
1939 Federal Surplus/Deficit	3244	1702	76	687	-246	-940	816	-2491	-443	385	1867	4509	3111	3643
1940 Federal Surplus/Deficit	3928	2117	-377	893	-236	-602	-75	-1372	2354	1757	2973	3327	4059	2871
1941 Federal Surplus/Deficit	3182	1531	-434	631	-458	-42	621	-2816	-891	-1224	-1104	1009	3575	1947
1942 Federal Surplus/Deficit	2948	1780	4	483	-523	2383	3598	-1908	-1428	-235	1244	3065	5925	4903
1943 Federal Surplus/Deficit	4277	3831	-54	540	-492	-542	2753	1864	2928	5889	5196	5340	5803	4957
1944 Federal Surplus/Deficit	4156	3790	-148	553	-253	-919	785	-2842	-1374	-986	-1767	-690	1987	1675
1945 Federal Surplus/Deficit	3039	854	-293	297	-193	-829	-2939	-2321	-1186	-992	-1589	3148	5387	3581
1946 Federal Surplus/Deficit	3191	2767	-553	677	-329	-1027	1146	1098	3125	3785	4690	5531	5470	4855
1947 Federal Surplus/Deficit	4339	3529	243	403	-370	3718	3795	3032	3496	1662	3762	5088	5267	4596
1948 Federal Surplus/Deficit	4344	2850	-40	3519	1464	2096	3570	-225	1531	2057	4545	5947	6811	5132
1949 Federal Surplus/Deficit	4092	4820	1198	924	-386	-120	1575	-433	4346	2022	5124	5510	5125	2730
1950 Federal Surplus/Deficit	2988	914	-790	500	-421	-1160	1780	3488	4946	4828	4572	4848	6537	5191
1951 Federal Surplus/Deficit	3828	4382	389	1850	2335	5008	4761	5080	3693	4708	4999	5550	4621	5143
1952 Federal Surplus/Deficit	4151	4457	852	2827	-138	2619	3471	1590	2011	4881	5043	5921	5335	3917
1953 Federal Surplus/Deficit	4164	2642	-211	467	-23	-838	239	2897	-535	-913	1702	4640	6463	5232
1954 Federal Surplus/Deficit	4244	3610	199	903	-273	914	2430	3283	1473	4048	3459	5205	6298	5611
1955 Federal Surplus/Deficit	4796	4643	3990	1831	871	1442	-24	-2357	-1340	398	72	2625	6706	6100
1956 Federal Surplus/Deficit	4101	4764	118	1554	1203	4640	5104	2347	4490	4942	5607	5923	6713	5336
1957 Federal Surplus/Deficit	4323	4114	137	1074	-404	1208	2229	-1519	626	5370	3839	5797	6606	4111
1958 Federal Surplus/Deficit	3542	2042	-254	691	-239	-909	1447	1549	1863	754	4330	5530	6088	3680
1959 Federal Surplus/Deficit	3560	2446	-145	507	410	2666	4809	3837	1901	3674	2989	4421	6280	5511
1960 Federal Surplus/Deficit	4166	3928	3754	4373	2786	4242	3558	-115	1424	6118	4707	3928	5472	4613
1961 Federal Surplus/Deficit	4340	2223	-32	752	-97	-70	2252	2446	2673	3698	3883	4633	6581	4244
1962 Federal Surplus/Deficit	3695	2925	-458	575	-354	-1187	2076	-1438	-991	5081	5110	4135	4842	4781
1963 Federal Surplus/Deficit	4043	3416	-211	1350	757	2591	2568	661	480	411	1250	4766	5334	4574
1964 Federal Surplus/Deficit	4468	3655	401	304	-305	-588	1860	-365	-1045	1995	2464	3742	6615	5883
1965 Federal Surplus/Deficit	4181	4321	1206	2052	-38	4846	5400	4884	4069	3354	5075	5438	5803	4198
1966 Federal Surplus/Deficit	4222	4118	318	1274	38	1367	3056	-728	-733	4157	2280	4071	4377	4839
1967 Federal Surplus/Deficit	4365	3204	-324	459	-327	-199	3473	4420	671	3016	1688	2848	6481	5546
1968 Federal Surplus/Deficit	4202	4030	492	1025	-118	999	3020	2046	1838	-1332	1497	3018	5717	5375
1969 Federal Surplus/Deficit	4312	4181	1845	2119	1478	2329	4694	3853	2488	5796	5182	5871	5617	4738
1970 Federal Surplus/Deficit	4273	2701	-156	641	-55	-412	2495	2068	-468	-659	2586	4024	5894	2881
1971 Federal Surplus/Deficit	3403	2255	-455	658	-136	-637	4006	5581	3344	4069	4804	5957	6548	5499
1972 Federal Surplus/Deficit	4292	4869	597	668	-264	1035	3825	5212	5511	5960	3400	5878	6678	5710
1973 Federal Surplus/Deficit	4606	4649	1239	994	-302	1475	3420	-2432	-1079	-1452	-1311	704	3505	3328
1974 Federal Surplus/Deficit	3318	1245	-540	122	-452	2827	5746	5565	4742	5517	5516	5674	6706	6287
1975 Federal Surplus/Deficit	4329	4859	1180	187	-251	-374	2772	1482	3405	2155	2795	4717	6097	5824
1976 Federal Surplus/Deficit	3487	2878	295	1578	2114	5600	4649	3757	2698	5574	4471	5716	4941	5616
1977 Federal Surplus/Deficit	5100	5371	4885	1316	-210	-605	884	-2967	-1552	-1673	-2250	505	1380	1631
1978 Federal Surplus/Deficit	3361	1002	-598	-247	-535	-698	2094	-2.1	3433	2275	3477	4416	4691	4851
Top Ten Percent	3920	4188	543	1851	1637	5154	5085	4185	3707	4937	5121	5522	4853	4902
Middle Eighty Percent	3917	2989	348	919	-58	485	2179	791	1199	2271	2915	4356	5509	4543
Bottom Ten Percent	3684	2432	-332	496	-114	-836	-1480	-2583	-1121	-701	-1428	-480	2556	2835



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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1929 Federal Surplus/Deficit	4021	2160	-384	150	-372	-924	146	-3063	-1154	-1232	-1651	-203	3775	3333
1930 Federal Surplus/Deficit	2866	1827	-540	487	-40	-1033	-3114	-1769	-1107	-658	-865	-148	3748	3581
1931 Federal Surplus/Deficit	3308	2187	-401	431	-172	-848	-3079	-3018	-1316	-71	-1964	692	3063	2460
1932 Federal Surplus/Deficit	3230	1635	-325	308	-407	-1062	-3183	-3267	159	3867	5162	5869	6297	4429
1933 Federal Surplus/Deficit	4203	3821	-142	416	-624	272	3078	2283	-1130	565	2113	4638	7187	5770
1934 Federal Surplus/Deficit	3910	4504	635	2121	2455	5540	5384	4737	3472	5976	5324	5571	2805	4126
1935 Federal Surplus/Deficit	2660	839	-545	94	-678	-572	2519	3046	-1584	270	2979	3966	5523	4408
1936 Federal Surplus/Deficit	3880	2241	-356	340	-317	-923	-2172	-3004	-921	-856	2625	6381	5227	3437
1937 Federal Surplus/Deficit	3708	1855	-500	439	-163	-920	-2634	-2726	-1152	-1030	-1372	316	2693	2791
1938 Federal Surplus/Deficit	3398	1307	-567	639	-557	-1036	3251	-517	1921	3160	3338	5963	5819	4063
1939 Federal Surplus/Deficit	3156	1619	0.3	584	-360	-1057	698	-2614	-562	272	1751	5096	3729	3555
1940 Federal Surplus/Deficit	3836	2033	-455	789	-346	-717	-198	-1496	2245	1642	2861	3917	4675	2787
1941 Federal Surplus/Deficit	3094	1449	-512	528	-577	-153	494	-2942	-1014	-1337	-1212	1604	4193	1867
1942 Federal Surplus/Deficit	2861	1697	-74	378	-648	2273	3475	-2030	-1557	-350	1131	3656	6534	4809
1943 Federal Surplus/Deficit	4184	3743	-131	436	-618	-657	2631	1744	2816	5763	5071	5925	6413	4862
1944 Federal Surplus/Deficit	4062	3703	-227	450	-367	-1036	662	-2969	-1503	-1105	-1883	-95	2609	1594
1945 Federal Surplus/Deficit	2952	772	-372	191	-304	-946	-3065	-2448	-1313	-1111	-1710	3741	5999	3495
1946 Federal Surplus/Deficit	3102	2683	-632	571	-445	-1144	1023	979	3015	3669	4569	6115	6083	4761
1947 Federal Surplus/Deficit	4245	3443	167	301	-489	3605	3671	2914	3384	1550	3646	5673	5881	4503
1948 Federal Surplus/Deficit	4250	2765	-117	3415	1365	1992	3446	-346	1424	1944	4425	6526	7416	5038
1949 Federal Surplus/Deficit	3999	4728	1125	822	-505	-235	1455	-557	4229	1909	5000	6093	5739	2648
1950 Federal Surplus/Deficit	2901	831	-870	396	-542	-1277	1661	3367	4826	4709	4452	5436	7144	5096
1951 Federal Surplus/Deficit	3736	4293	314	1748	2226	4894	4633	4957	3580	4590	4876	6133	5238	5048
1952 Federal Surplus/Deficit	4058	4367	778	2724	-247	2512	3347	1475	1899	4762	4918	6500	5948	3829
1953 Federal Surplus/Deficit	4070	2556	-289	363	-130	-953	114	2781	-650	-1027	1588	5228	7069	5137
1954 Federal Surplus/Deficit	4150	3524	123	801	-386	804	2310	3166	1365	3932	3342	5791	6905	5514
1955 Federal Surplus/Deficit	4702	4553	3924	1728	774	1335	-146	-2483	-1468	285	-34	3216	7312	6004
1956 Federal Surplus/Deficit	4008	4672	41	1452	1103	4530	4975	2232	4372	4825	5474	6501	7319	5240
1957 Federal Surplus/Deficit	4229	4025	61	972	-525	1099	2108	-1642	516	5248	3722	6377	7212	4020
1958 Federal Surplus/Deficit	3451	1956	-332	587	-352	-1028	1327	1429	1757	640	4210	6112	6696	3592
1959 Federal Surplus/Deficit	3469	2361	-223	406	308	2559	4681	3720	1789	3560	2875	5012	6887	5414
1960 Federal Surplus/Deficit	4073	3840	3688	4268	2655	4134	3435	-233	1313	5988	4587	4519	6084	4520
1961 Federal Surplus/Deficit	4246	2138	-108	650	-205	-184	2131	2331	2564	3584	3764	5223	7187	4154
1962 Federal Surplus/Deficit	3604	2840	-537	472	-470	-1307	1954	-1557	-1115	4960	4987	4726	5458	4687
1963 Federal Surplus/Deficit	3950	3329	-289	1248	659	2485	2448	547	362	299	1139	5353	5947	4482
1964 Federal Surplus/Deficit	4373	3568	326	201	-421	-704	1740	-483	-1170	1880	2349	4334	7221	5786
1965 Federal Surplus/Deficit	4088	4231	1134	1950	-144	4729	5270	4762	3953	3239	4951	6021	6413	4108
1966 Federal Surplus/Deficit	4129	4029	243	1171	-66	1257	2934	-843	-855	4042	2167	4662	4995	4746
1967 Federal Surplus/Deficit	4271	3116	-402	356	-443	-312	3350	4300	561	2904	1574	3443	7087	5449
1968 Federal Surplus/Deficit	4108	3942	417	923	-227	889	2898	1932	1730	-1450	1384	3608	6328	5279
1969 Federal Surplus/Deficit	4218	4092	1776	2017	1379	2223	4566	3736	2377	5671	5057	6451	6229	4644
1970 Federal Surplus/Deficit	4179	2615	-234	539	-164	-528	2369	1953	-585	-773	2474	4613	6502	2799
1971 Federal Surplus/Deficit	3314	2169	-535	554	-248	-753	3880	5454	3231	3952	4683	6535	7154	5403
1972 Federal Surplus/Deficit	4199	4777	522	566	-378	924	3699	5087	5387	5833	3286	6457	7284	5613
1973 Federal Surplus/Deficit	4511	4558	1165	891	-418	1366	3296	-2557	-1204	-1569	-1422	1296	4124	3242
1974 Federal Surplus/Deficit	3230	1161	-620	16	-588	2716	5616	5438	4623	5395	5387	6256	7312	6191
1975 Federal Surplus/Deficit	4235	4766	1106	84	-365	-489	2650	1367	3291	2043	2680	5306	6705	5727
1976 Federal Surplus/Deficit	3398	2794	219	1476	2009	5476	4522	3640	2588	5452	4351	6297	5556	5520
1977 Federal Surplus/Deficit	5006	5274	4818	1213	-323	-720	761	-3094	-1684	-1794	-2364	1098	2003	1549
1978 Federal Surplus/Deficit	3271	920	-677	-352	-662	-816	1969	-124	3321	2165	3362	5005	5307	4757
Top Ten Percent	3828	4099	469	1749	1530	5034	4957	4066	3593	4816	4995	6105	5466	4808
Middle Eighty Percent	3825	2902	272	815	-172	372	2056	670	1082	2155	2798	4943	6120	4452
Bottom Ten Percent	3593	2347	-410	391	-223	-952	-1604	-2709	-1247	-819	-1547	112	3178	2751

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1929 Federal Surplus/Deficit	4012	2158	-392	116	-397	-970	108	-3105	-1192	-1267	-1686	-929	3029	3276
1930 Federal Surplus/Deficit	2862	1826	-549	448	-56	-1078	-3155	-1807	-1144	-691	-902	-876	3002	3523
1931 Federal Surplus/Deficit	3303	2186	-410	392	-189	-891	-3119	-3059	-1355	-102	-2002	-35	2321	2409
1932 Federal Surplus/Deficit	3225	1634	-333	270	-429	-1110	-3223	-3309	130	3835	5120	5137	5543	4368
1933 Federal Surplus/Deficit	4192	3816	-149	381	-661	231	3039	2252	-1165	537	2081	3910	6430	5704
1934 Federal Surplus/Deficit	3901	4497	632	2086	2429	5475	5339	4699	3445	5931	5280	4840	2058	4065
1935 Federal Surplus/Deficit	2659	840	-551	56	-717	-617	2481	3014	-1623	240	2946	3238	4772	4348
1936 Federal Surplus/Deficit	3871	2241	-363	305	-336	-968	-2208	-3046	-956	-888	2594	5644	4479	3381
1937 Federal Surplus/Deficit	3700	1854	-509	402	-180	-964	-2674	-2766	-1189	-1063	-1406	-413	1948	2737
1938 Federal Surplus/Deficit	3391	1310	-575	602	-586	-1081	3210	-550	1896	3130	3306	5230	5067	4004
1939 Federal Surplus/Deficit	3152	1618	-5.9	549	-384	-1104	664	-2653	-594	242	1719	4366	2982	3498
1940 Federal Surplus/Deficit	3828	2031	-463	753	-366	-762	-237	-1535	2220	1611	2831	3189	3925	2734
1941 Federal Surplus/Deficit	3090	1449	-520	493	-606	-193	453	-2982	-1050	-1368	-1239	879	3446	1817
1942 Federal Surplus/Deficit	2858	1697	-82	342	-682	2234	3435	-2068	-1598	-381	1101	2929	5778	4746
1943 Federal Surplus/Deficit	4174	3739	-138	401	-653	-702	2593	1710	2790	5721	5030	5192	5659	4799
1944 Federal Surplus/Deficit	4053	3699	-235	415	-392	-1082	623	-3011	-1544	-1141	-1915	-819	1864	1544
1945 Federal Surplus/Deficit	2947	772	-381	153	-326	-992	-3106	-2489	-1352	-1146	-1748	3015	5247	3439
1946 Federal Surplus/Deficit	3096	2681	-640	533	-471	-1190	984	944	2989	3638	4532	5381	5330	4699
1947 Federal Surplus/Deficit	4235	3439	162	267	-517	3563	3631	2880	3357	1522	3613	4941	5130	4442
1948 Federal Surplus/Deficit	4239	2762	-124	3379	1354	1958	3406	-383	1401	1914	4388	5787	6658	4975
1949 Federal Surplus/Deficit	3990	4719	1121	788	-534	-279	1419	-595	4198	1880	4960	5359	4988	2595
1950 Federal Surplus/Deficit	2897	831	-880	359	-573	-1324	1625	3331	4792	4674	4416	4706	6386	5032
1951 Federal Surplus/Deficit	3728	4287	308	1713	2207	4852	4590	4918	3552	4556	4837	5399	4489	4984
1952 Federal Surplus/Deficit	4048	4360	774	2688	-267	2476	3308	1444	1872	4726	4879	5761	5196	3772
1953 Federal Surplus/Deficit	4061	2554	-297	327	-149	-998	73	2749	-679	-1057	1558	4498	6311	5072
1954 Federal Surplus/Deficit	4140	3521	117	766	-410	764	2273	3134	1340	3900	3309	5058	6148	5449
1955 Federal Surplus/Deficit	4691	4546	3926	1694	765	1299	-184	-2524	-1508	255	-58	2490	6554	5938
1956 Federal Surplus/Deficit	3999	4664	35	1417	1091	4489	4931	2202	4339	4790	5427	5763	6561	5176
1957 Federal Surplus/Deficit	4219	4020	55	938	-555	1061	2070	-1680	492	5210	3689	5640	6454	3961
1958 Federal Surplus/Deficit	3445	1954	-340	552	-375	-1075	1291	1395	1734	611	4174	5377	5941	3534
1959 Federal Surplus/Deficit	3462	2360	-231	372	295	2522	4637	3687	1763	3530	2845	4284	6131	5349
1960 Federal Surplus/Deficit	4064	3836	3689	4231	2615	4096	3396	-266	1287	5943	4550	3793	5332	4459
1961 Federal Surplus/Deficit	4236	2136	-114	615	-224	-228	2094	2300	2540	3552	3729	4494	6429	4094
1962 Federal Surplus/Deficit	3596	2837	-545	438	-496	-1356	1917	-1591	-1153	4924	4948	3999	4708	4625
1963 Federal Surplus/Deficit	3942	3326	-297	1214	648	2449	2412	517	330	270	1110	4621	5195	4421
1964 Federal Surplus/Deficit	4362	3564	321	167	-447	-749	1703	-517	-1207	1848	2318	3607	6463	5720
1965 Federal Surplus/Deficit	4078	4225	1131	1915	-162	4683	5225	4724	3923	3208	4911	5287	5658	4048
1966 Federal Surplus/Deficit	4119	4024	238	1136	-82	1217	2895	-875	-890	4011	2138	3935	4247	4683
1967 Federal Surplus/Deficit	4261	3112	-410	321	-469	-355	3310	4265	536	2875	1544	2719	6329	5384
1968 Federal Surplus/Deficit	4099	3938	412	888	-247	849	2859	1902	1707	-1483	1355	2879	5574	5214
1969 Federal Surplus/Deficit	4208	4087	1776	1982	1368	2187	4523	3702	2351	5630	5017	5713	5476	4582
1970 Federal Surplus/Deficit	4168	2613	-242	505	-183	-573	2329	1922	-616	-804	2445	3885	5747	2746
1971 Federal Surplus/Deficit	3309	2166	-544	517	-270	-798	3838	5411	3204	3919	4645	5796	6396	5337
1972 Federal Surplus/Deficit	4189	4768	517	531	-402	884	3658	5047	5349	5791	3254	5719	6526	5548
1973 Federal Surplus/Deficit	4501	4551	1161	856	-443	1328	3256	-2597	-1242	-1602	-1451	568	3378	3186
1974 Federal Surplus/Deficit	3225	1160	-630	-22	-632	2676	5571	5396	4590	5357	5342	5520	6554	6126
1975 Federal Surplus/Deficit	4225	4758	1103	49	-390	-534	2611	1336	3263	2014	2649	4576	5949	5661
1976 Federal Surplus/Deficit	3392	2793	214	1441	1992	5422	4479	3606	2563	5413	4315	5561	4806	5454
1977 Federal Surplus/Deficit	4997	5261	4820	1178	-347	-765	722	-3135	-1729	-1830	-2396	372	1260	1498
1978 Federal Surplus/Deficit	3265	920	-686	-389	-698	-863	1929	-160	3294	2137	3330	4277	4557	4694
Top Ten Percent	3820	4093	464	1715	1511	4984	4913	4030	3565	4779	4954	5370	4714	4746
Middle Eighty Percent	3817	2899	266	780	-197	329	2016	635	1051	2122	2764	4212	5367	4391
Bottom Ten Percent	3586	2345	-419	355	-243	-997	-1643	-2750	-1285	-853	-1582	-615	2433	2698

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1929 Federal Surplus/Deficit	3974	2125	135	669	141	-403	658	-2576	-634	-725	-1146	322	4272	3803
1930 Federal Surplus/Deficit	2828	1794	-22	999	489	-511	-2608	-1274	-585	-147	-363	374	4243	4049
1931 Federal Surplus/Deficit	3268	2154	117	942	353	-324	-2570	-2530	-798	444	-1464	1216	3563	2939
1932 Federal Surplus/Deficit	3190	1602	194	821	110	-545	-2675	-2780	696	4378	5656	6383	6780	4890
1933 Federal Surplus/Deficit	4154	3782	379	934	-132	801	3588	2788	-605	1083	2625	5161	7663	6223
1934 Federal Surplus/Deficit	3863	4460	1164	2639	2966	6027	5883	5230	4011	6464	5815	6086	3299	4589
1935 Federal Surplus/Deficit	2626	811	-23	607	-189	-50	3030	3550	-1066	787	3488	4488	6011	4870
1936 Federal Surplus/Deficit	3833	2211	165	857	205	-400	-1657	-2516	-396	-344	3139	6887	5720	3907
1937 Federal Surplus/Deficit	3663	1823	18	954	363	-397	-2125	-2236	-631	-520	-865	835	3191	3267
1938 Federal Surplus/Deficit	3356	1281	-48	1153	-51	-513	3758	-15	2464	3674	3849	6476	6305	4528
1939 Federal Surplus/Deficit	3117	1588	523	1102	155	-538	1216	-2122	-32	788	2263	5614	4222	4024
1940 Federal Surplus/Deficit	3790	2000	64	1305	175	-194	313	-1003	2789	2157	3376	4440	5163	3263
1941 Federal Surplus/Deficit	3055	1419	7.1	1045	-71	378	1000	-2452	-491	-822	-692	2131	4688	2349
1942 Federal Surplus/Deficit	2824	1666	446	894	-150	2805	3983	-1535	-1043	166	1647	4180	7013	5267
1943 Federal Surplus/Deficit	4135	3705	390	953	-123	-134	3143	2245	3357	6257	5566	6437	6895	5320
1944 Federal Surplus/Deficit	4014	3665	292	967	146	-516	1172	-2482	-989	-598	-1373	433	3107	2075
1945 Federal Surplus/Deficit	2914	742	146	704	214	-426	-2558	-1959	-796	-603	-1208	4267	6484	3965
1946 Federal Surplus/Deficit	3062	2650	-113	1084	66	-624	1534	1478	3555	4182	5071	6625	6568	5220
1947 Federal Surplus/Deficit	4196	3406	691	820	19	4133	4178	3416	3923	2068	4155	6188	6368	4964
1948 Federal Surplus/Deficit	4200	2730	405	3930	1902	2533	3954	151	1970	2460	4928	7029	7891	5495
1949 Federal Surplus/Deficit	3952	4681	1652	1341	1.7	290	1969	-63	4761	2426	5497	6604	6227	3125
1950 Federal Surplus/Deficit	2864	801	-353	910	-39	-758	2176	3865	5352	5215	4956	5954	7619	5552
1951 Federal Surplus/Deficit	3691	4251	837	2266	2749	5421	5135	5449	4117	5097	5375	6643	5730	5504
1952 Federal Surplus/Deficit	4010	4324	1305	3240	274	3049	3856	1982	2439	5267	5416	7004	6434	4297
1953 Federal Surplus/Deficit	4022	2522	230	879	393	-432	621	3285	-115	-511	2103	5747	7544	5592
1954 Federal Surplus/Deficit	4102	3487	646	1320	129	1335	2824	3669	1909	4443	3852	6305	7382	5968
1955 Federal Surplus/Deficit	4652	4508	4459	2247	1314	1871	366	-1994	-953	802	491	3741	7787	6457
1956 Federal Surplus/Deficit	3960	4626	563	1970	1638	5060	5475	2739	4901	5331	5960	7005	7794	5695
1957 Federal Surplus/Deficit	4180	3985	584	1492	-21	1634	2620	-1149	1060	5749	4231	6883	7687	4485
1958 Federal Surplus/Deficit	3409	1922	188	1104	164	-510	1843	1930	2303	1157	4714	6622	7175	4060
1959 Federal Surplus/Deficit	3426	2328	297	926	841	3096	5182	4221	2330	4074	3390	5533	7364	5868
1960 Federal Surplus/Deficit	4025	3802	4223	4781	3142	4668	3944	269	1855	6476	5089	5043	6569	4981
1961 Federal Surplus/Deficit	4197	2104	414	1168	318	340	2643	2837	3108	4096	4270	5743	7663	4617
1962 Federal Surplus/Deficit	3560	2805	-19	990	41	-792	2466	-1057	-594	5464	5485	5249	5948	5146
1963 Federal Surplus/Deficit	3904	3293	230	1767	1196	3023	2963	1055	892	816	1656	5869	6432	4943
1964 Federal Surplus/Deficit	4323	3531	850	720	90	-183	2253	17	-649	2394	2862	4858	7696	6239
1965 Federal Surplus/Deficit	4040	4189	1662	2469	381	5251	5769	5255	4487	3752	5448	6532	6894	4572
1966 Federal Surplus/Deficit	4081	3989	768	1689	462	1788	3444	-340	-330	4554	2682	5185	5487	5204
1967 Federal Surplus/Deficit	4222	3078	117	873	68	213	3858	4797	1103	3420	2088	3972	7563	5903
1968 Federal Surplus/Deficit	4061	3903	941	1441	295	1420	3409	2439	2276	-940	1899	4129	6810	5733
1969 Federal Surplus/Deficit	4169	4051	2309	2535	1916	2761	5068	4236	2919	6167	5554	6956	6713	5104
1970 Federal Surplus/Deficit	4130	2580	286	1059	359	-5.7	2877	2459	-52	-258	2990	5135	6982	3275
1971 Federal Surplus/Deficit	3274	2134	-17	1069	270	-230	4385	5939	3770	4463	5183	7038	7629	5856
1972 Federal Surplus/Deficit	4150	4730	1047	1084	136	1455	4205	5577	5906	6326	3798	6962	7759	6066
1973 Federal Surplus/Deficit	4461	4514	1691	1409	94	1900	3805	-2066	-684	-1059	-907	1819	4618	3713
1974 Federal Surplus/Deficit	3190	1129	-103	528	-108	3248	6115	5923	5151	5896	5876	6764	7787	6645
1975 Federal Surplus/Deficit	4186	4720	1633	602	148	34	3161	1873	3829	2560	3194	5824	7183	6180
1976 Federal Surplus/Deficit	3357	2762	744	1994	2537	5983	5024	4140	3131	5951	4855	6805	6045	5973
1977 Federal Surplus/Deficit	4958	5219	5353	1731	192	-197	1272	-2606	-1176	-1289	-1853	1622	2502	2028
1978 Federal Surplus/Deficit	3230	890	-160	162	-168	-296	2478	373	3860	2682	3873	5526	5798	5215
Top Ten Percent	3782	4058	994	2268	2054	5548	5457	4563	4129	5319	5490	6614	5952	5267
Middle Eighty Percent	3780	2866	795	1332	341	899	2565	1168	1615	2666	3306	5460	6603	4913
Bottom Ten Percent	3550	2312	108	906	298	-430	-1095	-2220	-727	-309	-1042	636	3675	3227

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1929 Federal Surplus/Deficit	4501	2658	95	659	124	-422	609	-2619	-681	-766	-1188	-418	3534	3768
1930 Federal Surplus/Deficit	3360	2328	-62	985	479	-529	-2659	-1314	-632	-186	-405	-368	3503	4014
1931 Federal Surplus/Deficit	3798	2688	77	929	342	-341	-2620	-2573	-846	409	-1507	475	2825	2909
1932 Federal Surplus/Deficit	3720	2135	154	808	95	-566	-2726	-2823	658	4341	5608	5635	6034	4850
1933 Federal Surplus/Deficit	4679	4313	341	924	-160	787	3538	2754	-649	1049	2587	4418	6913	6179
1934 Federal Surplus/Deficit	4391	4988	1130	2629	2946	5993	5828	5190	3973	6412	5765	5340	2559	4550
1935 Federal Surplus/Deficit	3160	1347	-61	595	-219	-68	2981	3515	-1115	752	3449	3745	5268	4831
1936 Federal Surplus/Deficit	4361	2747	126	845	192	-418	-1703	-2559	-440	-381	3102	6136	4979	3873
1937 Federal Surplus/Deficit	4191	2357	-22	941	352	-415	-2175	-2279	-677	-559	-906	92	2453	3235
1938 Federal Surplus/Deficit	3885	1818	-88	1141	-72	-531	3707	-50	2429	3638	3811	5728	5562	4490
1939 Federal Surplus/Deficit	3648	2123	485	1091	138	-557	1171	-2162	-74	753	2225	4870	3481	3989
1940 Federal Surplus/Deficit	4318	2534	25	1293	161	-212	264	-1044	2755	2122	3339	3697	4420	3232
1941 Federal Surplus/Deficit	3587	1954	-33	1035	-91	364	949	-2493	-536	-857	-726	1391	3948	2320
1942 Federal Surplus/Deficit	3356	2201	408	883	-175	2793	3933	-1574	-1093	130	1611	3438	6266	5226
1943 Federal Surplus/Deficit	4661	4236	352	942	-150	-151	3095	2209	3322	6210	5520	5689	6148	5278
1944 Federal Surplus/Deficit	4541	4197	253	957	128	-535	1123	-2525	-1040	-639	-1413	-306	2370	2046
1945 Federal Surplus/Deficit	3445	1277	107	692	199	-445	-2609	-2001	-844	-643	-1251	3527	5739	3930
1946 Federal Surplus/Deficit	3592	3184	-154	1071	47	-642	1486	1442	3519	4144	5028	5877	5823	5179
1947 Federal Surplus/Deficit	4722	3939	654	811	-1.9	4119	4128	3381	3885	2033	4116	5441	5625	4924
1948 Federal Surplus/Deficit	4726	3263	366	3917	1897	2525	3904	114	1937	2425	4885	6277	7141	5453
1949 Federal Surplus/Deficit	4479	5209	1617	1332	-19	273	1922	-102	4720	2391	5451	5855	5483	3094
1950 Federal Surplus/Deficit	3396	1336	-394	899	-62	-778	2129	3827	5307	5175	4913	5209	6870	5510
1951 Federal Surplus/Deficit	4219	4780	800	2256	2736	5405	5081	5408	4079	5058	5330	5894	4989	5462
1952 Federal Surplus/Deficit	4537	4853	1269	3228	261	3040	3806	1949	2402	5227	5371	6252	5689	4260
1953 Federal Surplus/Deficit	4549	3055	191	867	381	-450	572	3251	-154	-546	2067	5002	6795	5549
1954 Federal Surplus/Deficit	4628	4020	608	1310	113	1321	2776	3634	1874	4405	3814	5558	6634	5924
1955 Federal Surplus/Deficit	5177	5037	4428	2236	1309	1861	318	-2036	-1003	767	461	3000	7037	6414
1956 Federal Surplus/Deficit	4487	5154	525	1960	1632	5047	5421	2706	4859	5291	5907	6253	7044	5652
1957 Federal Surplus/Deficit	4706	4516	546	1482	-43	1623	2571	-1188	1026	5706	4192	6132	6937	4447
1958 Federal Surplus/Deficit	3938	2456	149	1093	147	-530	1796	1894	2270	1122	4673	5873	6428	4024
1959 Federal Surplus/Deficit	3956	2863	258	917	834	3087	5129	4185	2294	4037	3352	4789	6616	5824
1960 Federal Surplus/Deficit	4552	4333	4192	4769	3110	4657	3894	234	1819	6426	5046	4301	5824	4941
1961 Federal Surplus/Deficit	4723	2637	377	1158	305	323	2595	2804	3073	4059	4228	4999	6913	4579
1962 Federal Surplus/Deficit	4088	3338	-59	980	22	-814	2418	-1093	-641	5422	5439	4506	5206	5106
1963 Federal Surplus/Deficit	4431	3826	191	1758	1191	3014	2916	1023	851	781	1620	5124	5688	4904
1964 Federal Surplus/Deficit	4849	4063	813	710	71	-202	2206	-19	-696	2359	2824	4117	6946	6195
1965 Federal Surplus/Deficit	4566	4719	1627	2458	370	5234	5715	5215	4447	3715	5402	5784	6147	4534
1966 Federal Surplus/Deficit	4607	4519	731	1679	452	1775	3394	-374	-375	4516	2646	4442	4746	5163
1967 Federal Surplus/Deficit	4748	3610	77	862	49	197	3808	4759	1067	3384	2050	3233	6813	5859
1968 Federal Surplus/Deficit	4587	4434	904	1431	283	1408	3360	2407	2242	-979	1861	3386	6064	5690
1969 Federal Surplus/Deficit	4695	4582	2276	2525	1910	2751	5015	4200	2884	6121	5507	6204	5968	5063
1970 Federal Surplus/Deficit	4656	3113	246	1050	346	-23	2827	2427	-93	-294	2953	4393	6235	3243
1971 Federal Surplus/Deficit	3804	2667	-58	1057	254	-247	4333	5895	3733	4425	5140	6286	6880	5813
1972 Federal Surplus/Deficit	4676	5257	1010	1074	119	1441	4154	5535	5858	6278	3760	6210	7009	6023
1973 Federal Surplus/Deficit	4987	5042	1656	1399	76	1889	3755	-2107	-731	-1098	-943	1077	3879	3679
1974 Federal Surplus/Deficit	3720	1663	-144	516	-143	3236	6061	5879	5107	5852	5826	6014	7037	6602
1975 Federal Surplus/Deficit	4712	5247	1597	592	131	17	3113	1839	3791	2525	3157	5079	6436	6136
1976 Federal Surplus/Deficit	3887	3296	707	1984	2526	5957	4971	4104	3096	5907	4813	6055	5303	5929
1977 Federal Surplus/Deficit	5484	5742	5321	1720	176	-214	1223	-2649	-1230	-1330	-1892	880	1765	1998
1978 Federal Surplus/Deficit	3759	1425	-200	150	-195	-314	2429	336	3822	2648	3834	4782	5056	5174
Top Ten Percent	4310	4588	958	2258	2042	5527	5403	4525	4091	5277	5444	5865	5208	5226
Middle Eighty Percent	4308	3398	757	1321	324	883	2516	1131	1574	2627	3266	4714	5858	4874
Bottom Ten Percent	4078	2846	68	894	285	-448	-1144	-2262	-775	-348	-1084	-105	2937	3194

Federal Surplus/Deficit by Water Year  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1929 Federal Surplus/Deficit	4459	2621	54	616	70	-477	554	-2677	-735	-811	-1234	247	4236	3762
1930 Federal Surplus/Deficit	3322	2292	-104	939	432	-585	-2716	-1368	-685	-229	-453	296	4204	4007
1931 Federal Surplus/Deficit	3759	2652	35	882	293	-395	-2676	-2631	-901	368	-1556	1139	3527	2907
1932 Federal Surplus/Deficit	3681	2099	113	762	43	-623	-2782	-2881	612	4297	5557	6296	6730	4841
1933 Federal Surplus/Deficit	4637	4274	301	880	-222	735	3483	2703	-701	1008	2543	5082	7606	6166
1934 Federal Surplus/Deficit	4349	4948	1093	2585	2890	5925	5768	5134	3926	6358	5713	6002	3259	4542
1935 Federal Surplus/Deficit	3123	1313	-101	549	-282	-122	2926	3464	-1170	712	3405	4409	5966	4821
1936 Federal Surplus/Deficit	4319	2712	86	801	142	-473	-1757	-2616	-492	-424	3060	6794	5680	3867
1937 Federal Surplus/Deficit	4150	2322	-63	896	304	-470	-2231	-2336	-731	-603	-951	755	3156	3232
1938 Federal Surplus/Deficit	3846	1784	-129	1095	-128	-586	3650	-101	2385	3595	3767	6388	6259	4482
1939 Federal Surplus/Deficit	3610	2088	446	1048	85	-613	1119	-2217	-124	713	2182	5532	4180	3983
1940 Federal Surplus/Deficit	4276	2498	-16	1249	111	-267	208	-1099	2711	2081	3297	4362	5118	3229
1941 Federal Surplus/Deficit	3548	1920	-73	991	-147	313	891	-2550	-589	-899	-767	2057	4648	2320
1942 Federal Surplus/Deficit	3319	2167	367	838	-234	2743	3876	-1628	-1150	90	1570	4104	6961	5215
1943 Federal Surplus/Deficit	4618	4198	312	898	-210	-205	3041	2157	3277	6158	5469	6349	6844	5267
1944 Federal Surplus/Deficit	4498	4159	212	913	75	-591	1067	-2583	-1097	-683	-1458	360	3073	2046
1945 Federal Surplus/Deficit	3407	1243	65	646	148	-501	-2666	-2058	-900	-687	-1299	4193	6436	3925
1946 Federal Surplus/Deficit	3554	3149	-195	1025	-7.5	-698	1431	1390	3474	4101	4980	6536	6520	5168
1947 Federal Surplus/Deficit	4679	3901	615	768	-57	4068	4070	3330	3839	1992	4071	6102	6322	4914
1948 Federal Surplus/Deficit	4683	3227	327	3872	1853	2478	3847	61	1894	2384	4838	6933	7833	5441
1949 Federal Surplus/Deficit	4437	5167	1580	1289	-75	219	1868	-157	4670	2350	5402	6515	6181	3092
1950 Federal Surplus/Deficit	3359	1302	-436	854	-119	-834	2076	3774	5255	5129	4866	5871	7563	5498
1951 Federal Surplus/Deficit	4178	4740	761	2213	2686	5352	5022	5351	4032	5012	5280	6553	5689	5450
1952 Federal Surplus/Deficit	4494	4812	1232	3184	212	2991	3749	1899	2357	5181	5321	6908	6387	4253
1953 Federal Surplus/Deficit	4506	3019	150	822	332	-505	515	3201	-202	-587	2025	5665	7488	5537
1954 Federal Surplus/Deficit	4585	3982	569	1266	60	1270	2722	3583	1831	4361	3770	6218	7327	5911
1955 Federal Surplus/Deficit	5134	4995	4394	2193	1267	1812	263	-2093	-1059	726	423	3666	7729	6401
1956 Federal Surplus/Deficit	4445	5112	486	1917	1589	4996	5361	2656	4809	5244	5853	6910	7737	5640
1957 Federal Surplus/Deficit	4663	4476	507	1439	-100	1573	2516	-1243	982	5659	4147	6790	7630	4439
1958 Federal Surplus/Deficit	3898	2420	108	1049	95	-586	1742	1842	2227	1082	4627	6532	7122	4018
1959 Federal Surplus/Deficit	3916	2827	218	874	790	3039	5069	4132	2249	3994	3310	5452	7309	5811
1960 Federal Surplus/Deficit	4509	4295	4158	4723	3045	4607	3837	182	1774	6372	4998	4966	6521	4931
1961 Federal Surplus/Deficit	4680	2601	337	1115	256	269	2540	2754	3028	4016	4182	5661	7605	4570
1962 Federal Surplus/Deficit	4048	3301	-100	936	-32	-872	2363	-1145	-695	5376	5389	5170	5905	5095
1963 Federal Surplus/Deficit	4389	3789	150	1715	1148	2966	2862	975	801	741	1578	5787	6385	4894
1964 Federal Surplus/Deficit	4805	4025	774	667	17	-257	2151	-72	-750	2318	2782	4782	7639	6182
1965 Federal Surplus/Deficit	4524	4679	1590	2415	322	5179	5654	5159	4398	3673	5353	6443	6842	4526
1966 Federal Surplus/Deficit	4565	4480	693	1636	405	1724	3339	-426	-427	4473	2603	5107	5446	5152
1967 Federal Surplus/Deficit	4705	3572	36	818	-4.8	143	3752	4705	1022	3342	2007	3900	7506	5846
1968 Federal Surplus/Deficit	4545	4395	865	1388	234	1357	3305	2358	2199	-1023	1819	4050	6760	5677
1969 Federal Surplus/Deficit	4653	4542	2242	2481	1866	2703	4955	4147	2840	6071	5457	6862	6664	5053
1970 Federal Surplus/Deficit	4613	3076	206	1007	296	-78	2770	2377	-141	-335	2911	5057	6930	3241
1971 Federal Surplus/Deficit	3765	2630	-99	1012	203	-301	4275	5836	3687	4381	5091	6942	7573	5800
1972 Federal Surplus/Deficit	4634	5215	971	1030	67	1390	4097	5478	5803	6226	3716	6867	7702	6010
1973 Federal Surplus/Deficit	4943	5001	1618	1355	23	1840	3698	-2164	-785	-1141	-986	1742	4579	3674
1974 Federal Surplus/Deficit	3682	1627	-186	470	-209	3185	6000	5820	5056	5803	5773	6672	7729	6590
1975 Federal Surplus/Deficit	4669	5204	1560	548	77	-37	3057	1789	3744	2483	3115	5742	7130	6123
1976 Federal Surplus/Deficit	3847	3261	669	1941	2478	5896	4911	4052	3052	5858	4766	6713	6001	5916
1977 Federal Surplus/Deficit	5441	5697	5286	1677	124	-269	1167	-2706	-1289	-1376	-1936	1544	2467	1996
1978 Federal Surplus/Deficit	3720	1390	-241	105	-255	-369	2372	283	3776	2606	3791	5445	5756	5163
Top Ten Percent	4269	4548	920	2214	1993	5470	5343	4470	4043	5229	5393	6524	5906	5215
Middle Eighty Percent	4266	3360	718	1277	270	831	2460	1077	1525	2584	3221	5376	6553	4865
Bottom Ten Percent	4037	2809	27	849	235	-504	-1200	-2319	-830	-392	-1130	560	3639	3191

Federal Surplus/Deficit by Water Year  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1929 Federal Surplus/Deficit	4411	2576	-13	544	-0.5	-530	498	-2734	-791	-864	-1288	-490	3500	3731
1930 Federal Surplus/Deficit	3276	2248	-172	866	364	-638	-2773	-1423	-741	-281	-507	-442	3468	3976
1931 Federal Surplus/Deficit	3713	2608	-33	809	225	-448	-2733	-2687	-959	318	-1610	401	2792	2878
1932 Federal Surplus/Deficit	3635	2054	45	689	-27	-677	-2839	-2938	559	4245	5501	5555	5992	4808
1933 Federal Surplus/Deficit	4589	4229	234	808	-297	684	3426	2651	-757	958	2492	4344	6866	6131
1934 Federal Surplus/Deficit	4301	4901	1028	2513	2818	5866	5709	5079	3873	6301	5656	5262	2523	4509
1935 Federal Surplus/Deficit	3079	1270	-168	477	-357	-175	2870	3410	-1228	661	3353	3670	5229	4788
1936 Federal Surplus/Deficit	4271	2668	19	729	73	-525	-1812	-2673	-548	-475	3009	6052	4944	3836
1937 Federal Surplus/Deficit	4103	2278	-130	824	235	-523	-2287	-2392	-788	-654	-1004	16	2420	3202
1938 Federal Surplus/Deficit	3800	1741	-196	1022	-200	-639	3593	-154	2333	3544	3715	5648	5522	4449
1939 Federal Surplus/Deficit	3564	2045	379	976	15	-666	1064	-2273	-178	663	2131	4793	3444	3951
1940 Federal Surplus/Deficit	4229	2454	-83	1177	42	-319	152	-1154	2659	2031	3246	3624	4381	3199
1941 Federal Surplus/Deficit	3503	1876	-141	919	-219	262	834	-2606	-645	-949	-817	1320	3913	2291
1942 Federal Surplus/Deficit	3274	2123	300	766	-308	2692	3819	-1682	-1208	40	1520	3366	6222	5181
1943 Federal Surplus/Deficit	4571	4152	245	826	-285	-257	2985	2104	3224	6103	5414	5609	6105	5233
1944 Federal Surplus/Deficit	4451	4113	145	842	4.2	-644	1011	-2640	-1156	-736	-1510	-377	2338	2018
1945 Federal Surplus/Deficit	3362	1199	-2.3	574	78	-554	-2723	-2114	-957	-739	-1353	3456	5699	3893
1946 Federal Surplus/Deficit	3508	3104	-262	952	-79	-751	1375	1336	3421	4049	4926	5795	5782	5134
1947 Federal Surplus/Deficit	4631	3856	549	697	-129	4017	4013	3276	3785	1942	4019	5362	5585	4881
1948 Federal Surplus/Deficit	4635	3182	260	3799	1787	2429	3791	7.1	1843	2333	4785	6191	7093	5407
1949 Federal Surplus/Deficit	4389	5119	1514	1218	-147	167	1813	-212	4615	2300	5347	5774	5444	3062
1950 Federal Surplus/Deficit	3313	1258	-504	781	-192	-887	2020	3719	5199	5077	4812	5131	6823	5463
1951 Federal Surplus/Deficit	4131	4694	695	2141	2616	5300	4963	5295	3978	4960	5226	5812	4953	5416
1952 Federal Surplus/Deficit	4447	4766	1166	3112	143	2942	3693	1847	2304	5128	5267	6166	5649	4221
1953 Federal Surplus/Deficit	4459	2975	82	750	263	-558	459	3148	-256	-638	1974	4926	6748	5503
1954 Federal Surplus/Deficit	4538	3937	502	1195	-10	1219	2667	3530	1779	4310	3719	5478	6588	5876
1955 Federal Surplus/Deficit	5086	4948	4330	2121	1201	1762	207	-2149	-1117	676	374	2928	6990	6366
1956 Federal Surplus/Deficit	4397	5065	419	1846	1522	4945	5302	2603	4754	5191	5795	6168	6997	5605
1957 Federal Surplus/Deficit	4615	4430	440	1368	-172	1523	2460	-1298	931	5605	4095	6048	6890	4407
1958 Federal Surplus/Deficit	3852	2375	41	977	25	-640	1687	1788	2175	1032	4573	5791	6383	3987
1959 Federal Surplus/Deficit	3869	2783	150	802	723	2989	5011	4078	2197	3942	3259	4714	6569	5776
1960 Federal Surplus/Deficit	4462	4249	4094	4650	2968	4557	3780	129	1722	6315	4944	4228	5783	4898
1961 Federal Surplus/Deficit	4632	2557	270	1043	187	217	2484	2701	2976	3965	4129	4922	6866	4538
1962 Federal Surplus/Deficit	4001	3256	-168	864	-103	-926	2307	-1199	-752	5323	5334	4432	5169	5061
1963 Federal Surplus/Deficit	4341	3744	83	1643	1081	2916	2806	923	747	691	1528	5047	5648	4860
1964 Federal Surplus/Deficit	4757	3980	708	595	-54	-310	2095	-125	-806	2268	2730	4044	6899	6147
1965 Federal Surplus/Deficit	4476	4633	1524	2343	254	5126	5596	5103	4344	3622	5298	5702	6104	4493
1966 Federal Surplus/Deficit	4517	4434	627	1564	338	1673	3282	-479	-483	4421	2552	4368	4709	5119
1967 Federal Surplus/Deficit	4657	3526	-31	746	-76	91	3695	4650	970	3291	1956	3164	6766	5811
1968 Federal Surplus/Deficit	4497	4349	798	1316	165	1306	3249	2305	2148	-1074	1767	3312	6021	5642
1969 Federal Surplus/Deficit	4605	4496	2177	2410	1800	2653	4897	4094	2788	6016	5402	6120	5926	5019
1970 Federal Surplus/Deficit	4565	3031	139	935	227	-131	2714	2325	-196	-385	2859	4319	6191	3211
1971 Federal Surplus/Deficit	3719	2586	-167	940	133	-354	4218	5778	3634	4329	5037	6199	6833	5765
1972 Federal Surplus/Deficit	4586	5167	905	959	-3.6	1339	4040	5422	5746	6170	3665	6125	6962	5975
1973 Federal Surplus/Deficit	4895	4954	1552	1283	-49	1790	3642	-2219	-842	-1193	-1037	1004	3843	3643
1974 Federal Surplus/Deficit	3636	1583	-254	397	-287	3135	5941	5763	5000	5749	5716	5931	6989	6555
1975 Federal Surplus/Deficit	4622	5157	1494	476	6.4	-90	3001	1737	3691	2433	3063	5002	6391	6088
1976 Federal Surplus/Deficit	3801	3216	602	1870	2410	5839	4853	3998	3000	5804	4712	5971	5265	5881
1977 Federal Surplus/Deficit	5393	5648	5222	1605	53	-321	1111	-2762	-1349	-1429	-1988	806	1731	1966
1978 Federal Surplus/Deficit	3673	1346	-309	33	-330	-422	2316	229	3722	2556	3739	4706	5020	5129
Top Ten Percent	4221	4502	854	2143	1924	5415	5285	4416	3990	5176	5338	5783	5168	5181
Middle Eighty Percent	4219	3315	651	1205	200	779	2404	1023	1471	2532	3169	4637	5815	4832
Bottom Ten Percent	3991	2765	-40	777	165	-557	-1257	-2375	-887	-443	-1184	-178	2904	3161

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Section 12  
Monthly Regional 50-Year  
Surplus/Deficit  
Capacity in Megawatts



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50-Water Year Surplus/Deficit  
Regional Tables  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Regional Surplus/Deficit by Water Year  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
1929 Regional Surplus/Deficit	8790	6157	4329	4419	2808	588	611	-2480	663	2036	1421	1274	7943	7289
1930 Regional Surplus/Deficit	6901	5618	3888	4537	2946	156	-3071	-808	549	2456	1887	885	7535	7310
1931 Regional Surplus/Deficit	7332	5796	3999	4530	2774	255	-3023	-2646	195	3498	815	1577	5948	5599
1932 Regional Surplus/Deficit	6686	3982	3696	4229	2546	55	-3079	-2949	2131	8725	10212	8981	11285	9046
1933 Regional Surplus/Deficit	8866	8337	4597	4651	2594	1970	5166	4363	601	4324	6140	7044	12388	10918
1934 Regional Surplus/Deficit	8559	9262	5556	6991	6472	9130	8390	7895	6764	11646	10131	8234	6262	8185
1935 Regional Surplus/Deficit	6628	4164	3793	4123	2540	833	4404	5398	80	4000	7315	6784	10164	8944
1936 Regional Surplus/Deficit	8309	6146	4248	4482	2782	279	-1669	-2314	924	2365	6921	10208	9936	7685
1937 Regional Surplus/Deficit	8249	5720	4173	4484	2921	336	-3034	-2447	294	2251	1493	1499	6508	6758
1938 Regional Surplus/Deficit	7765	5006	3914	4911	2680	471	5451	882	4552	7712	7804	9162	10745	8632
1939 Regional Surplus/Deficit	7526	5454	4795	4910	2767	434	2094	-1739	1496	3907	5558	8478	7734	7784
1940 Regional Surplus/Deficit	8374	5961	4192	5092	2755	695	971	-126	5035	5703	6836	6349	8704	6708
1941 Regional Surplus/Deficit	7273	5106	4004	4765	2562	1440	1870	-2018	859	1755	1743	2774	7574	4569
1942 Regional Surplus/Deficit	5946	4347	3692	4189	2381	4646	5579	-964	230	3017	4553	5974	11632	9558
1943 Regional Surplus/Deficit	8814	8124	4623	4588	2642	1034	4525	4031	5781	11553	10210	9082	11466	9709
1944 Regional Surplus/Deficit	8751	8235	4609	4841	2833	520	1556	-2663	319	2099	1061	720	5277	4382
1945 Regional Surplus/Deficit	6518	3577	3236	3536	2634	328	-2923	-1650	183	2140	1304	6383	10931	7804
1946 Regional Surplus/Deficit	7432	6755	3941	4906	2788	426	2664	3055	5970	8507	9370	9460	11059	9605
1947 Regional Surplus/Deficit	9059	7921	5103	4703	2796	6521	5977	5660	6628	5680	8023	8765	10746	9086
1948 Regional Surplus/Deficit	8952	6928	4715	8789	5003	4344	5791	1359	3918	6309	9265	10184	12072	9943
1949 Regional Surplus/Deficit	8680	9573	6298	5371	2735	1490	2907	1026	7603	6105	9942	9605	10492	6638
1950 Regional Surplus/Deficit	7238	4502	3761	4737	2726	221	3350	6165	8481	10004	9193	8066	12363	10117
1951 Regional Surplus/Deficit	8434	9180	5336	6657	6374	8360	7512	8558	6996	9864	9721	9247	9991	9947
1952 Regional Surplus/Deficit	8742	9107	5871	7910	3028	5038	5519	3796	4625	10088	9975	9941	11011	8237
1953 Regional Surplus/Deficit	8807	6787	4493	4425	3037	504	1477	5499	1433	2214	5237	8640	12387	10139
1954 Regional Surplus/Deficit	8941	8029	5033	5271	2824	2816	4228	5900	3814	8948	7878	8779	11769	10602
1955 Regional Surplus/Deficit	9625	9406	9837	6542	4173	3398	858	-1517	146	4264	3066	5286	12362	11052
1956 Regional Surplus/Deficit	8609	9447	4932	6239	4706	7763	7834	4577	7730	9985	10474	9915	12636	10285
1957 Regional Surplus/Deficit	9080	8738	4985	5566	2759	3249	3930	-155	2843	10420	8103	10261	12544	8426
1958 Regional Surplus/Deficit	7993	5932	4400	4979	2808	517	2993	3710	4373	4278	9098	9862	11928	7873
1959 Regional Surplus/Deficit	7976	6442	4530	4708	3619	5080	7411	6498	4404	8627	7047	7884	12038	10421
1960 Regional Surplus/Deficit	8716	8306	9568	9845	6939	7136	5615	1432	3905	11927	9357	7647	11120	9285
1961 Regional Surplus/Deficit	8961	6157	4648	5019	3002	1426	3872	4642	5387	8211	8092	8352	12052	8659
1962 Regional Surplus/Deficit	8046	6986	4054	4806	2719	-1.0	3582	-334	152	10360	10128	7937	10272	9416
1963 Regional Surplus/Deficit	8600	7663	4443	5930	4059	5037	4418	2573	2597	4221	4832	8762	10950	9079
1964 Regional Surplus/Deficit	9072	7967	5194	4441	2830	878	3451	1035	700	6366	6174	6767	12599	10949
1965 Regional Surplus/Deficit	8865	8958	6364	6756	3111	8014	8138	8099	7357	8143	10091	9158	11579	8696
1966 Regional Surplus/Deficit	8847	8660	5133	5874	3225	3418	5124	523	1156	9195	6026	7749	9394	9445
1967 Regional Surplus/Deficit	9014	7410	4241	4633	2795	1347	5595	7361	2575	7598	5172	5692	12366	10476
1968 Regional Surplus/Deficit	8831	8507	5358	5487	3033	2970	5101	4389	4530	1742	4933	6012	11352	10206
1969 Regional Surplus/Deficit	8855	8791	7132	6982	5039	4690	7277	6695	5227	11263	10030	9879	11235	9415
1970 Regional Surplus/Deficit	8955	6786	4602	4993	3086	1204	4425	4432	1514	2670	6262	7404	11757	6925
1971 Regional Surplus/Deficit	7703	6153	4203	5059	3068	910	6388	9054	6404	8750	9344	9814	12483	10537
1972 Regional Surplus/Deficit	9093	9801	5613	5076	3121	3091	6136	8406	9262	11397	7565	9607	12286	10627
1973 Regional Surplus/Deficit	9350	9377	6387	5402	2976	3647	5662	-1474	736	1492	1624	2490	7509	6820
1974 Regional Surplus/Deficit	6745	4227	3565	3979	2844	5393	8784	9147	8197	10700	10317	8909	12435	11425
1975 Regional Surplus/Deficit	9120	9748	6345	4268	2977	1283	4797	3638	6551	6411	6757	8308	11943	10932
1976 Regional Surplus/Deficit	7970	7152	5185	6307	6061	9182	7373	6587	5610	11068	9002	9633	10417	10573
1977 Regional Surplus/Deficit	10015	10349	11003	5744	2850	812	1534	-2297	-25	1043	123	1997	4524	4159
1978 Regional Surplus/Deficit	6178	3529	3314	3287	2464	734	3845	1598	6425	6366	7634	8380	10060	9543
Top Ten Percent	8487	8800	5475	6590	5345	8490	7849	7143	6891	10141	9884	9237	10177	9537
Middle Eighty Percent	8321	7045	5072	5197	3111	2223	3846	2607	3530	6516	6971	7804	10951	9103
Bottom Ten Percent	7701	6095	4135	4631	2807	541	-1141	-2117	443	2412	1400	1491	6568	5723

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1929 Regional Surplus/Deficit	8473	5894	3599	4645	2785	650	946	-2180	1033	2295	1686	-480	6652	7509
1930 Regional Surplus/Deficit	6584	5356	3157	4754	2946	218	-2743	-500	922	2721	2149	-873	6246	7531
1931 Regional Surplus/Deficit	7015	5537	3268	4744	2768	321	-2693	-2344	564	3766	1074	-177	4669	5836
1932 Regional Surplus/Deficit	6372	3728	2966	4447	2527	111	-2752	-2648	2521	9000	10459	7206	9972	9260
1933 Regional Surplus/Deficit	8542	8068	3869	4875	2535	2043	5500	4690	978	4603	6405	5277	11063	11124
1934 Regional Surplus/Deficit	8239	8995	4839	7216	6457	9152	8717	8212	7168	11888	10373	6467	4970	8399
1935 Regional Surplus/Deficit	6319	3914	3067	4342	2478	896	4740	5725	447	4274	7581	5019	8855	9161
1936 Regional Surplus/Deficit	7992	5889	3520	4704	2770	344	-1330	-2012	1301	2627	7190	8422	8636	7910
1937 Regional Surplus/Deficit	7927	5459	3442	4703	2916	399	-2702	-2143	666	2514	1756	-267	5218	6987
1938 Regional Surplus/Deficit	7447	4754	3183	5129	2642	533	5781	1204	4952	7987	8069	7387	9434	8852
1939 Regional Surplus/Deficit	7208	5182	4069	5134	2744	493	2439	-1430	1880	4180	5828	6709	6440	8006
1940 Regional Surplus/Deficit	8055	5702	3462	5314	2740	760	1305	183	5441	5975	7116	4585	7402	6937
1941 Regional Surplus/Deficit	6957	4851	3274	4988	2524	1514	2196	-1714	1234	2027	2027	1021	6277	4802
1942 Regional Surplus/Deficit	5628	4085	2962	4408	2331	4724	5917	-655	592	3286	4825	4212	10313	9771
1943 Regional Surplus/Deficit	8492	7854	3895	4811	2590	1096	4861	4346	6183	11805	10458	7307	10149	9920
1944 Regional Surplus/Deficit	8425	7966	3878	5065	2809	579	1889	-2363	681	2358	1332	-1029	3991	4614
1945 Regional Surplus/Deficit	6199	3317	2505	3753	2617	388	-2597	-1348	550	2400	1561	4624	9619	8032
1946 Regional Surplus/Deficit	7110	6485	3209	5123	2759	486	2996	3372	6374	8780	9626	7683	9749	9816
1947 Regional Surplus/Deficit	8736	7654	4378	4928	2761	6592	6315	5981	7029	5957	8287	6992	9441	9301
1948 Regional Surplus/Deficit	8626	6656	3987	9014	5017	4434	6125	1672	4326	6581	9522	8396	10748	10157
1949 Regional Surplus/Deficit	8357	9301	5577	5596	2699	1556	3246	1333	7997	6383	10192	7826	9182	6868
1950 Regional Surplus/Deficit	6920	4237	3027	4956	2685	278	3691	6479	8869	10273	9452	6297	11039	10327
1951 Regional Surplus/Deficit	8110	8910	4610	6881	6371	8433	7842	8874	7396	10135	9974	7469	8686	10157
1952 Regional Surplus/Deficit	8419	8835	5150	8134	3014	5122	5852	4122	5023	10356	10226	8154	9700	8461
1953 Regional Surplus/Deficit	8483	6513	3763	4646	3030	567	1804	5825	1823	2483	5504	6869	11062	10348
1954 Regional Surplus/Deficit	8617	7759	4307	5496	2801	2889	4567	6225	4218	9219	8142	7007	10448	10809
1955 Regional Surplus/Deficit	9303	9135	9136	6767	4188	3482	1194	-1214	510	4538	3355	3521	11037	11261
1956 Regional Surplus/Deficit	8287	9177	4205	6465	4715	7840	8161	4905	8119	10257	10707	8127	11311	10493
1957 Regional Surplus/Deficit	8755	8467	4259	5791	2720	3326	4267	153	3244	10681	8369	8478	11219	8643
1958 Regional Surplus/Deficit	7671	5659	3670	5202	2787	574	3334	4027	4783	4550	9356	8082	10611	8092
1959 Regional Surplus/Deficit	7653	6176	3801	4935	3624	5164	7739	6826	4803	8904	7316	6119	10716	10626
1960 Regional Surplus/Deficit	8394	8038	8867	10070	6885	7219	5955	1753	4306	12172	9615	5883	9808	9500
1961 Regional Surplus/Deficit	8638	5889	3923	5245	2992	1493	4210	4969	5794	8486	8348	6588	10727	8876
1962 Regional Surplus/Deficit	7727	6725	3323	5031	2691	52	3919	-16	524	10623	10382	6172	8967	9629
1963 Regional Surplus/Deficit	8279	7395	3713	6156	4072	5122	4759	2900	2982	4497	5111	6989	9641	9294
1964 Regional Surplus/Deficit	8748	7695	4471	4666	2803	939	3789	1355	1072	6636	6438	5002	11274	11157
1965 Regional Surplus/Deficit	8541	8687	5646	6981	3105	8077	8465	8416	7752	8416	10342	7381	10262	8914
1966 Regional Surplus/Deficit	8521	8384	4410	6099	3222	3493	5458	848	1533	9476	6300	5985	8094	9658
1967 Regional Surplus/Deficit	8693	7143	3511	4857	2768	1414	5928	7681	2976	7877	5439	3933	11042	10681
1968 Regional Surplus/Deficit	8509	8240	4635	5712	3021	3044	5435	4718	4936	2004	5207	4245	10039	10411
1969 Regional Surplus/Deficit	8533	8521	6420	7207	5054	4777	7606	7022	5628	11518	10280	8093	9925	9627
1970 Regional Surplus/Deficit	8630	6521	3873	5221	3076	1267	4754	4758	1901	2938	6536	5637	10437	7156
1971 Regional Surplus/Deficit	7381	5878	3470	5279	3051	974	6718	9361	6805	9021	9600	8025	11158	10744
1972 Regional Surplus/Deficit	8770	9528	4891	5301	3098	3166	6466	8719	9641	11648	7835	7820	10961	10835
1973 Regional Surplus/Deficit	9027	9107	5668	5627	2950	3726	5994	-1168	1107	1759	1904	730	6216	7044
1974 Regional Surplus/Deficit	6429	3969	2833	4196	2770	5468	9112	9455	8588	10962	10556	7127	11110	11635
1975 Regional Surplus/Deficit	8795	9474	5627	4493	2953	1347	5132	3965	6948	6688	7023	6538	10623	11139
1976 Regional Surplus/Deficit	7649	6878	4462	6532	6064	9231	7704	6912	6017	11330	9262	7851	9109	10780
1977 Regional Surplus/Deficit	9693	10069	10305	5969	2831	877	1868	-1996	330	1300	397	242	3242	4393
1978 Regional Surplus/Deficit	5861	3277	2582	3507	2411	790	4176	1911	6826	6650	7899	6614	8753	9755
Top Ten Percent	8165	8529	4753	6815	5342	8547	8178	7464	7290	10405	10132	7459	8868	9749
Middle Eighty Percent	8000	6778	4347	5420	3087	2292	4180	2923	3919	6785	7235	6033	9638	9318
Bottom Ten Percent	7382	5834	3404	4851	2793	606	-811	-1813	813	2677	1667	-265	5280	5954

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1929 Regional Surplus/Deficit	8792	6225	4279	4711	2418	521	31	-3021	678	1967	1686	537	7971	7499
1930 Regional Surplus/Deficit	6914	5691	3838	4808	2614	93	-3664	-1335	571	2395	2135	144	7581	7525
1931 Regional Surplus/Deficit	7343	5874	3947	4794	2427	205	-3613	-3181	208	3444	1068	847	6028	5850
1932 Regional Surplus/Deficit	6699	4063	3650	4503	2168	-21	-3675	-3486	2176	8693	10447	8216	11281	9245
1933 Regional Surplus/Deficit	8858	8395	4553	4940	2123	1932	4591	3892	634	4315	6413	6303	12356	11100
1934 Regional Surplus/Deficit	8562	9324	5541	7285	6092	8970	7795	7399	6855	11543	10352	7493	6312	8383
1935 Regional Surplus/Deficit	6656	4255	3756	4399	2061	772	3834	4926	92	3959	7584	6036	10165	9149
1936 Regional Surplus/Deficit	8315	6226	4205	4768	2421	226	-2237	-2850	950	2308	7178	9420	9965	7908
1937 Regional Surplus/Deficit	8247	5794	4120	4762	2577	279	-3618	-2977	315	2192	1752	736	6544	6989
1938 Regional Surplus/Deficit	7772	5100	3864	5187	2258	404	4864	393	4627	7681	8069	8400	10738	8845
1939 Regional Surplus/Deficit	7539	5514	4755	5195	2379	360	1542	-2259	1534	3862	5821	7721	7773	7998
1940 Regional Surplus/Deficit	8376	6036	4142	5377	2387	638	390	-655	5118	5649	7134	5596	8722	6940
1941 Regional Surplus/Deficit	7285	5190	3954	5049	2140	1403	1268	-2553	882	1717	2059	2049	7596	4809
1942 Regional Surplus/Deficit	5957	4421	3640	4461	1928	4606	5013	-1488	228	2959	4819	5226	11612	9754
1943 Regional Surplus/Deficit	8812	8182	4577	4874	2185	963	3945	3508	5849	11469	10438	8320	11446	9893
1944 Regional Surplus/Deficit	8742	8300	4553	5127	2441	443	972	-3208	317	2026	1342	0.6	5320	4617
1945 Regional Surplus/Deficit	6528	3655	3185	3808	2260	260	-3525	-2194	190	2071	1547	5636	10920	8035
1946 Regional Surplus/Deficit	7433	6817	3886	5175	2384	350	2070	2546	6049	8474	9617	8695	11064	9796
1947 Regional Surplus/Deficit	9054	7986	5063	4986	2378	6453	5407	5155	6707	5663	8292	8003	10760	9286
1948 Regional Surplus/Deficit	8939	6984	4669	9081	4689	4339	5207	837	4012	6279	9516	9391	12041	10144
1949 Regional Surplus/Deficit	8677	9624	6268	5661	2315	1431	2339	493	7661	6073	10179	8828	10495	6871
1950 Regional Surplus/Deficit	7249	4570	3701	5011	2294	143	2787	5651	8533	9952	9449	7318	12333	10305
1951 Regional Surplus/Deficit	8432	9238	5293	6944	6013	8309	6923	8049	7069	9818	9967	8479	10001	10137
1952 Regional Surplus/Deficit	8738	9162	5843	8198	2660	5010	4936	3304	4691	10031	10207	9149	11007	8459
1953 Regional Surplus/Deficit	8801	6840	4441	4706	2686	441	867	5010	1491	2180	5509	7887	12353	10323
1954 Regional Surplus/Deficit	8935	8093	4993	5562	2436	2775	3658	5413	3901	8912	8135	8025	11749	10784
1955 Regional Surplus/Deficit	9620	9462	9861	6835	3870	3387	281	-2051	151	4224	3383	4541	12332	11239
1956 Regional Surplus/Deficit	8607	9499	4891	6532	4382	7718	7239	4092	7776	9949	10673	9123	12605	10471
1957 Regional Surplus/Deficit	9072	8798	4943	5854	2331	3209	3357	-688	2914	10351	8374	9478	12513	8629
1958 Regional Surplus/Deficit	7993	5989	4349	5261	2425	437	2428	3196	4476	4239	9346	9083	11915	8081
1959 Regional Surplus/Deficit	7974	6509	4481	5001	3285	5052	6816	6021	4475	8608	7332	7150	12015	10597
1960 Regional Surplus/Deficit	8714	8371	9586	10133	6472	7117	5054	937	3978	11832	9621	6912	11117	9484
1961 Regional Surplus/Deficit	8955	6218	4610	5312	2642	1372	3305	4157	5482	8191	8350	7621	12025	8862
1962 Regional Surplus/Deficit	8050	7057	4001	5097	2319	-86	3011	-838	170	10296	10377	7199	10282	9612
1963 Regional Surplus/Deficit	8601	7724	4393	6215	3746	5016	3856	2078	2640	4189	5132	7993	10947	9280
1964 Regional Surplus/Deficit	9063	8023	5159	4731	2430	811	2885	541	718	6307	6443	6023	12566	11133
1965 Regional Surplus/Deficit	8861	9015	6341	7048	2762	7930	7538	7588	7416	8105	10327	8387	11556	8898
1966 Regional Surplus/Deficit	8840	8711	5095	6161	2881	3373	4545	43	1184	9178	6315	7007	9418	9640
1967 Regional Surplus/Deficit	9012	7467	4192	4921	2395	1294	5015	6868	2661	7591	5456	4960	12337	10655
1968 Regional Surplus/Deficit	8830	8574	5325	5775	2667	2925	4521	3905	4620	1680	5227	5256	11346	10382
1969 Regional Surplus/Deficit	8852	8851	7124	7269	4727	4676	6681	6213	5293	11189	10268	9092	11241	9609
1970 Regional Surplus/Deficit	8944	6854	4555	5287	2729	1139	3823	3937	1565	2632	6565	6651	11729	7160
1971 Regional Surplus/Deficit	7709	6206	4142	5334	2690	838	5789	8521	6470	8704	9594	9018	12450	10716
1972 Regional Surplus/Deficit	9090	9849	5578	5363	2728	3044	5539	7887	9294	11317	7853	8817	12253	10812
1973 Regional Surplus/Deficit	9344	9434	6360	5690	2577	3608	5072	-2007	752	1444	1931	1745	7548	7040
1974 Regional Surplus/Deficit	6758	4305	3510	4245	2339	5338	8186	8619	8251	10638	10530	8130	12403	11614
1975 Regional Surplus/Deficit	9114	9797	6321	4555	2586	1216	4218	3154	6613	6390	7028	7555	11915	11110
1976 Regional Surplus/Deficit	7980	7215	5147	6591	5718	9077	6783	6099	5693	11004	9260	8852	10415	10754
1977 Regional Surplus/Deficit	10017	10376	11032	6034	2468	748	954	-2837	-39	974	416	1278	4591	4403
1978 Regional Surplus/Deficit	6186	3618	3262	3562	2005	642	3250	1070	6503	6363	7911	7637	10060	9734
Top Ten Percent	8488	8858	5442	6880	4993	8401	7255	6645	6962	10084	10116	8467	10178	9728
Middle Eighty Percent	8322	7108	5034	5481	2719	2169	3266	2098	3582	6471	7237	7046	10944	9303
Bottom Ten Percent	7706	6170	4082	4908	2440	484	-1731	-2651	459	2355	1671	755	6614	5958

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1929 Regional Surplus/Deficit	8591	5587	3864	4394	1706	-433	-249	-3352	168	1105	976	-635	6796	7003
1930 Regional Surplus/Deficit	6720	5056	3422	4485	1916	-860	-3949	-1661	63	1536	1423	-1029	6406	7029
1931 Regional Surplus/Deficit	7147	5239	3531	4470	1725	-746	-3896	-3511	-303	2588	355	-324	4859	5364
1932 Regional Surplus/Deficit	6503	3427	3235	4181	1459	-978	-3960	-3816	1678	7836	9728	7035	10095	8744
1933 Regional Surplus/Deficit	8655	7755	4140	4622	1392	985	4310	3578	128	3464	5708	5129	11163	10592
1934 Regional Surplus/Deficit	8361	8681	5134	6967	5381	7989	7505	7075	6363	10667	9630	6315	5137	7882
1935 Regional Surplus/Deficit	6466	3623	3344	4078	1328	-180	3555	4611	-420	3105	6878	4862	8982	8648
1936 Regional Surplus/Deficit	8115	5593	3792	4449	1717	-726	-2514	-3179	445	1450	6473	8233	8788	7414
1937 Regional Surplus/Deficit	8047	5159	3704	4442	1876	-674	-3900	-3305	-193	1333	1043	-442	5371	6498
1938 Regional Surplus/Deficit	7575	4470	3449	4865	1540	-549	4581	76	4136	6825	7363	7219	9555	8347
1939 Regional Surplus/Deficit	7344	4879	4343	4877	1669	-596	1268	-2585	1032	3007	5115	6544	6596	7502
1940 Regional Surplus/Deficit	8176	5400	3727	5058	1681	-314	109	-981	4629	4793	6434	4422	7541	6450
1941 Regional Surplus/Deficit	7090	4557	3539	4730	1422	457	983	-2882	375	863	1362	880	6420	4323
1942 Regional Surplus/Deficit	5764	3787	3226	4140	1202	3661	4732	-1812	-287	2103	4117	4053	10422	9251
1943 Regional Surplus/Deficit	8609	7541	4163	4555	1457	10.0	3665	3187	5357	10598	9719	7139	10258	9388
1944 Regional Surplus/Deficit	8540	7661	4137	4809	1729	-512	690	-3539	-198	1164	636	-1167	4148	4131
1945 Regional Surplus/Deficit	6334	3022	2770	3486	1552	-694	-3810	-2524	-322	1209	834	4464	9735	7541
1946 Regional Surplus/Deficit	7237	6182	3470	4852	1669	-604	1789	2226	5558	7618	8905	7511	9880	9292
1947 Regional Surplus/Deficit	8851	7347	4651	4669	1661	5503	5125	4836	6213	4811	7585	6823	9578	8784
1948 Regional Surplus/Deficit	8735	6346	4256	8761	3998	3401	4925	514	3525	5425	8805	8201	10848	9640
1949 Regional Surplus/Deficit	8476	8978	5860	5344	1597	479	2062	167	7162	5220	9463	7645	9312	6381
1950 Regional Surplus/Deficit	7055	3935	3284	4690	1573	-813	2511	5328	8029	9091	8738	6141	11140	9799
1951 Regional Surplus/Deficit	8232	8596	4881	6626	5310	7359	6636	7724	6574	8958	9252	7296	8822	9631
1952 Regional Surplus/Deficit	8537	8519	5434	7879	1955	4068	4654	2989	4197	9170	9491	7960	9823	7964
1953 Regional Surplus/Deficit	8599	6203	4026	4386	1983	-512	582	4695	994	1326	4806	6711	11161	9817
1954 Regional Surplus/Deficit	8733	7454	4581	5245	1725	1829	3380	5096	3411	8055	7429	6845	10558	10277
1955 Regional Surplus/Deficit	9417	8818	9462	6517	3181	2446	1.4	-2380	-363	3370	2690	3369	11139	10731
1956 Regional Surplus/Deficit	8406	8854	4478	6214	3689	6772	6950	3778	7275	9090	9946	7934	11411	9965
1957 Regional Surplus/Deficit	8869	8157	4531	5537	1611	2265	3078	-1014	2423	9486	7667	8291	11319	8130
1958 Regional Surplus/Deficit	7796	5352	3934	4942	1715	-520	2152	2875	3990	3385	8635	7898	10725	7584
1959 Regional Surplus/Deficit	7776	5873	4067	4685	2590	4110	6529	5704	3982	7754	6630	5977	10824	10090
1960 Regional Surplus/Deficit	8512	7732	9186	9812	5740	6174	4773	618	3486	10956	8909	5740	9932	8982
1961 Regional Surplus/Deficit	8752	5581	4198	4994	1938	421	3027	3842	4993	7335	7640	6447	10832	8363
1962 Regional Surplus/Deficit	7851	6420	3586	4779	1605	-1045	2732	-1158	-339	9433	9662	6025	9101	9109
1963 Regional Surplus/Deficit	8401	7086	3979	5898	3054	4076	3579	1764	2139	3336	4432	6814	9763	8779
1964 Regional Surplus/Deficit	8859	7384	4748	4414	1716	-143	2607	222	209	5450	5738	4851	11373	10625
1965 Regional Surplus/Deficit	8659	8373	5933	6731	2061	6975	7249	7263	6919	7249	9610	7204	10368	8399
1966 Regional Surplus/Deficit	8638	8070	4684	5843	2182	2427	4264	-273	678	8322	5614	5834	8240	9137
1967 Regional Surplus/Deficit	8809	6827	3776	4603	1681	343	4733	6547	2170	6739	4753	3792	11145	10147
1968 Regional Surplus/Deficit	8628	7934	4914	5458	1962	1979	4241	3591	4133	820	4525	4081	10160	9874
1969 Regional Surplus/Deficit	8650	8210	6721	6952	4036	3735	6394	5895	4802	10321	9551	7905	10056	9106
1970 Regional Surplus/Deficit	8741	6216	4140	4971	2025	186	3539	3622	1066	1777	5864	5476	10540	6670
1971 Regional Surplus/Deficit	7513	5568	3725	5013	1981	-115	5504	8191	5975	7846	8881	7828	11257	10208
1972 Regional Surplus/Deficit	8888	9203	5168	5045	2016	2097	5255	7560	8785	10445	7150	7629	11060	10304
1973 Regional Surplus/Deficit	9141	8790	5951	5372	1864	2664	4790	-2334	242	585	1231	572	6372	6546
1974 Regional Surplus/Deficit	6562	3670	3093	3923	1599	4391	7896	8289	7750	9774	9806	6944	11209	11107
1975 Regional Surplus/Deficit	8911	9151	5913	4237	1874	263	3938	2839	6118	5538	6324	6378	10725	10602
1976 Regional Surplus/Deficit	7783	6580	4736	6273	5019	8113	6496	5782	5203	10138	8549	7666	9233	10246
1977 Regional Surplus/Deficit	9815	9723	10632	5716	1758	-204	674	-3167	-559	110	-288	107	3421	3915
1978 Regional Surplus/Deficit	5989	2985	2846	3241	1276	-314	2967	747	6010	5513	7207	6462	8879	9230
Top Ten Percent	8288	8217	5033	6562	4292	7442	6967	6324	6467	9221	9398	7283	8994	9225
Middle Eighty Percent	8122	6470	4622	5162	2007	1219	2985	1776	3083	5613	6530	5868	9758	8802
Bottom Ten Percent	7509	5534	3667	4587	1733	-467	-2014	-2980	-51	1497	964	-417	5441	5469

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1929 Regional Surplus/Deficit	8134	5395	3716	3907	1194	-1267	-1025	-3935	-303	459	224	450	6749	6348
1930 Regional Surplus/Deficit	6270	4865	3274	3992	1417	-1694	-4730	-2239	-408	893	669	53	6359	6374
1931 Regional Surplus/Deficit	6696	5049	3383	3977	1223	-1577	-4675	-4094	-776	1948	-400	760	4818	4718
1932 Regional Surplus/Deficit	6052	3237	3088	3690	950	-1815	-4740	-4400	1218	7195	8967	8110	10037	8083
1933 Regional Surplus/Deficit	8196	7560	3995	4135	861	158	3533	3011	-339	2830	4961	6212	11099	9925
1934 Regional Surplus/Deficit	7906	8483	4995	6481	4867	7127	6719	6499	5908	10006	8866	7392	5090	7223
1935 Regional Surplus/Deficit	6019	3437	3199	3587	794	-1013	2779	4043	-893	2467	6130	5943	8928	7988
1936 Regional Surplus/Deficit	7659	5405	3646	3961	1211	-1557	-3288	-3762	-23	807	5726	9301	8739	6761
1937 Regional Surplus/Deficit	7592	4969	3556	3951	1374	-1506	-4679	-3886	-664	689	292	637	5325	5849
1938 Regional Surplus/Deficit	7122	4285	3301	4374	1021	-1382	3801	-494	3682	6186	6615	8293	9499	7689
1939 Regional Surplus/Deficit	6893	4690	4198	4389	1157	-1431	498	-3163	568	2369	4368	7622	6547	6847
1940 Regional Surplus/Deficit	7720	5210	3579	4569	1174	-1146	-669	-1561	4176	4153	5691	5503	7489	5800
1941 Regional Surplus/Deficit	6640	4369	3391	4242	903	-369	201	-3463	-95	224	623	1966	6371	3678
1942 Regional Surplus/Deficit	5315	3599	3079	3650	676	2835	3954	-2389	-763	1463	3372	5135	10361	8587
1943 Regional Surplus/Deficit	8151	7347	4017	4066	929	-823	2889	2613	4902	9943	8959	8213	10198	8724
1944 Regional Surplus/Deficit	8082	7467	3989	4321	1216	-1348	-88	-4123	-675	518	-112	-80	4104	3484
1945 Regional Surplus/Deficit	5884	2834	2622	2995	1044	-1529	-4592	-3106	-796	564	79	5548	9678	6888
1946 Regional Surplus/Deficit	6785	5991	3321	4360	1154	-1439	1010	1652	5104	6977	8150	8584	9824	8629
1947 Regional Surplus/Deficit	8393	7154	4507	4182	1142	4673	4347	4265	5758	4175	6836	7898	9524	8123
1948 Regional Surplus/Deficit	8276	6154	4110	8272	3505	2583	4145	-61	3075	4787	8051	9267	10782	8976
1949 Regional Surplus/Deficit	8019	8778	5719	4858	1078	-352	1288	-412	6701	4582	8704	8717	9258	5733
1950 Regional Surplus/Deficit	6606	3746	3134	4200	1051	-1649	1738	4753	7564	8447	7985	7220	11076	9134
1951 Regional Surplus/Deficit	7777	8399	4737	6139	4805	6529	5852	7146	6117	8314	8495	8368	8771	8967
1952 Regional Surplus/Deficit	8080	8322	5293	7390	1449	3247	3875	2421	3741	8524	8732	9027	9767	7308
1953 Regional Surplus/Deficit	8142	6011	3878	3896	1480	-1345	-199	4126	534	689	4061	7789	11096	9152
1954 Regional Surplus/Deficit	8275	7262	4437	4759	1214	1003	2606	4526	2960	7413	6680	7921	10495	9610
1955 Regional Surplus/Deficit	8958	8620	9329	6030	2691	1625	-775	-2961	-838	2732	1956	4452	11074	10064
1956 Regional Surplus/Deficit	7949	8654	4333	5728	3194	5945	6165	3210	6811	8447	9178	9001	11346	9299
1957 Regional Surplus/Deficit	8411	7961	4386	5051	1090	1441	2302	-1593	1970	8837	6918	9359	11254	7471
1958 Regional Surplus/Deficit	7342	5161	3786	4453	1204	-1357	1379	2302	3542	2747	7882	8970	10664	6928
1959 Regional Surplus/Deficit	7322	5683	3920	4199	2094	3289	5744	5134	3527	7115	5886	7058	10761	9422
1960 Regional Surplus/Deficit	8055	7538	9054	9322	5206	5351	3996	47	3031	10297	8155	6823	9875	8321
1961 Regional Surplus/Deficit	8294	5390	4053	4508	1434	-410	2251	3274	4541	6696	6888	7528	10767	7703
1962 Regional Surplus/Deficit	7397	6228	3437	4292	1090	-1884	1957	-1731	-811	8785	8904	7108	9049	8447
1963 Regional Surplus/Deficit	7945	6893	3831	5411	2562	3256	2805	1197	1675	2699	3690	7891	9707	8118
1964 Regional Surplus/Deficit	8400	7190	4605	3927	1201	-977	1833	-350	-262	4810	4992	5935	11309	9958
1965 Regional Surplus/Deficit	8202	8177	5793	6244	1558	6140	6463	6686	6459	6609	8852	8277	10307	7740
1966 Regional Surplus/Deficit	8181	7875	4541	5356	1682	1600	3487	-842	209	7683	4870	6916	8190	8474
1967 Regional Surplus/Deficit	8351	6632	3629	4115	1167	-487	3955	5974	1717	6103	4008	4879	11080	9480
1968 Regional Surplus/Deficit	8171	7740	4770	4971	1457	1153	3464	3025	3683	176	3782	5161	10102	9208
1969 Regional Surplus/Deficit	8192	8014	6585	6465	3543	2915	5611	5325	4348	9668	8792	8972	9999	8443
1970 Regional Surplus/Deficit	8282	6024	3994	4485	1520	-647	2758	3054	605	1138	5121	6556	10478	6022
1971 Regional Surplus/Deficit	7061	5376	3575	4523	1472	-949	4722	7607	5519	7204	8126	8894	11192	9541
1972 Regional Surplus/Deficit	8430	9002	5024	4558	1504	1270	4474	6980	8314	9790	6404	8696	10994	9637
1973 Regional Surplus/Deficit	8682	8592	5809	4885	1349	1840	4010	-2915	-229	-57	489	1655	6325	5893
1974 Regional Surplus/Deficit	6111	3480	2944	3430	1058	3565	7110	7705	7285	9125	9041	8015	11144	10441
1975 Regional Surplus/Deficit	8453	8951	5772	3750	1361	-570	3161	2270	5660	4901	5578	7457	10663	9935
1976 Regional Surplus/Deficit	7332	6391	4593	5785	4518	7268	5713	5211	4750	9489	7797	8736	9179	9579
1977 Regional Surplus/Deficit	9357	9516	10500	5228	1247	-1037	-104	-3750	-1040	-537	-1033	1191	3378	3267
1978 Regional Surplus/Deficit	5536	2798	2697	2750	748	-1151	2187	171	5555	4879	6460	7543	8826	8567
Top Ten Percent	7833	8021	4890	6075	3789	6602	6182	5750	6009	8573	8637	8355	8939	8562
Middle Eighty Percent	7666	6277	4477	4674	1494	390	2207	1201	2622	4971	5780	6945	9699	8141
Bottom Ten Percent	7056	5344	3519	4097	1227	-1299	-2794	-3561	-523	854	214	667	5395	4820

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1929 Regional Surplus/Deficit	7561	5021	3421	3821	1050	-1348	-1238	-4373	-728	-246	-424	-1042	6016	5898
1930 Regional Surplus/Deficit	5702	4493	2978	3901	1284	-1775	-4946	-2672	-832	191	19	-1441	5625	5923
1931 Regional Surplus/Deficit	6126	4677	3087	3885	1088	-1657	-4891	-4531	-1202	1250	-1051	-732	4088	4275
1932 Regional Surplus/Deficit	5483	2864	2793	3599	808	-1900	-4957	-4837	804	6495	8311	6610	9294	7627
1933 Regional Surplus/Deficit	7621	7183	3702	4048	701	82	3319	2588	-761	2135	4318	4718	10349	9463
1934 Regional Surplus/Deficit	7333	8103	4708	6394	4721	7020	6497	6067	5497	9289	8207	5894	4355	6768
1935 Regional Surplus/Deficit	5455	3068	2906	3497	632	-1094	2567	3618	-1321	1770	5486	4449	8188	7532
1936 Regional Surplus/Deficit	7086	5034	3353	3872	1074	-1637	-3498	-4198	-445	107	5083	7795	8003	6311
1937 Regional Surplus/Deficit	7019	4597	3261	3862	1239	-1586	-4894	-4322	-1088	-12	-354	-859	4593	5403
1938 Regional Surplus/Deficit	6552	3917	3006	4284	871	-1463	3585	-920	3273	5488	5971	6792	8758	7236
1939 Regional Surplus/Deficit	6326	4318	3906	4302	1014	-1514	290	-3596	149	1672	3724	6125	5811	6396
1940 Regional Surplus/Deficit	7148	4838	3285	4481	1036	-1226	-882	-1994	3768	3455	5051	4009	6750	5355
1941 Regional Surplus/Deficit	6072	3999	3096	4155	754	-444	-17	-3898	-518	-473	-13	476	5636	3236
1942 Regional Surplus/Deficit	4748	3228	2785	3561	520	2761	3740	-2821	-1194	765	2731	3642	9615	8129
1943 Regional Surplus/Deficit	7577	6970	3724	3979	772	-903	2677	2184	4492	9231	8304	6712	9454	8265
1944 Regional Surplus/Deficit	7508	7091	3695	4234	1072	-1431	-302	-4560	-1106	-186	-756	-1569	3372	3042
1945 Regional Surplus/Deficit	5317	2464	2327	2904	904	-1611	-4808	-3543	-1224	-140	-571	4057	8935	6439
1946 Regional Surplus/Deficit	6216	5618	3026	4269	1008	-1522	797	1224	4694	6278	7500	7082	9082	8170
1947 Regional Surplus/Deficit	7818	6779	4216	4096	994	4596	4131	3838	5346	3479	6192	6399	8784	7666
1948 Regional Surplus/Deficit	7701	5779	3817	8183	3379	2516	3930	-491	2669	4090	7402	7760	10033	8517
1949 Regional Surplus/Deficit	7446	8396	5430	4772	929	-432	1077	-845	6284	3886	8050	7214	8517	5288
1950 Regional Surplus/Deficit	6039	3375	2838	4110	899	-1732	1528	4323	7143	7743	7336	5723	10327	8674
1951 Regional Surplus/Deficit	7205	8020	4445	6052	4668	6451	5632	6712	5704	7611	7843	6865	8034	8507
1952 Regional Surplus/Deficit	7505	7942	5004	7302	1311	3177	3660	1998	3330	7820	8079	7520	9026	6857
1953 Regional Surplus/Deficit	7568	5637	3584	3808	1344	-1426	-415	3701	119	-8.4	3419	6293	10347	8691
1954 Regional Surplus/Deficit	7701	6886	4145	4672	1072	929	2395	4101	2553	6713	6035	6421	9748	9149
1955 Regional Surplus/Deficit	8383	8239	9048	5944	2566	1555	-987	-3397	-1268	2035	1323	2959	10324	9603
1956 Regional Surplus/Deficit	7375	8272	4040	5642	3066	5870	5944	2787	6392	7744	8515	7493	10597	8838
1957 Regional Surplus/Deficit	7836	7584	4094	4965	939	1369	2090	-2026	1562	8129	6273	7853	10505	7017
1958 Regional Surplus/Deficit	6771	4787	3492	4365	1062	-1441	1169	1874	3136	2051	7233	7467	9918	6477
1959 Regional Surplus/Deficit	6752	5310	3626	4113	1964	3219	5525	4708	3117	6417	5245	5564	10013	8960
1960 Regional Surplus/Deficit	7481	7161	8772	9232	5042	5279	3782	-380	2621	9580	7506	5331	9133	7864
1961 Regional Surplus/Deficit	7719	5016	3761	4421	1297	-489	2039	2850	4133	5998	6240	6032	10017	7249
1962 Regional Surplus/Deficit	6825	5854	3142	4205	944	-1970	1745	-2159	-1236	8079	8251	5614	8310	7989
1963 Regional Surplus/Deficit	7371	6519	3537	5325	2436	3186	2595	775	1257	2003	3051	6392	8965	7662
1964 Regional Surplus/Deficit	7825	6814	4314	3840	1056	-1059	1622	-778	-687	4111	4349	4442	10559	9496
1965 Regional Surplus/Deficit	7628	7798	5505	6158	1424	6058	6241	6254	6043	5911	8198	6775	9562	7286
1966 Regional Surplus/Deficit	7606	7497	4250	5269	1549	1526	3274	-1267	-213	6984	4230	5422	7454	8016
1967 Regional Surplus/Deficit	7776	6256	3334	4028	1021	-566	3740	5544	1308	5407	3367	3390	10331	9019
1968 Regional Surplus/Deficit	7597	7363	4479	4884	1320	1078	3250	2602	3276	-525	3141	3666	9358	8746
1969 Regional Surplus/Deficit	7618	7637	6301	6378	3417	2845	5391	4898	3938	8957	8137	7466	9256	7985
1970 Regional Surplus/Deficit	7707	5650	3700	4399	1383	-728	2542	2631	188	440	4481	5062	9732	5576
1971 Regional Surplus/Deficit	6492	5001	3279	4433	1331	-1029	4504	7169	5106	6503	7475	7385	10443	9080
1972 Regional Surplus/Deficit	7856	8620	4734	4471	1361	1195	4257	6545	7889	9077	5762	7189	10245	9176
1973 Regional Surplus/Deficit	8107	8211	5520	4798	1204	1767	3795	-3350	-655	-758	-151	162	5590	5443
1974 Regional Surplus/Deficit	5543	3108	2648	3339	889	3490	6888	7267	6866	8417	8381	6511	10394	9980
1975 Regional Surplus/Deficit	7878	8569	5483	3663	1217	-650	2949	1847	5247	4205	4936	5960	9916	9473
1976 Regional Surplus/Deficit	6762	6019	4302	5699	4384	7176	5493	4784	4341	8780	7148	7232	8440	9117
1977 Regional Surplus/Deficit	8783	9128	10217	5141	1105	-1117	-317	-4187	-1474	-1243	-1676	-301	2647	2824
1978 Regional Surplus/Deficit	4966	2428	2401	2661	590	-1234	1972	-260	5143	4184	5817	6048	8088	8109
Top Ten Percent	7261	7642	4600	5989	3653	6515	5962	5321	5595	7867	7982	6852	8197	8103
Middle Eighty Percent	7094	5902	4185	4586	1350	312	1993	772	2205	4270	5134	5447	8956	7685
Bottom Ten Percent	6486	4971	3224	4007	1088	-1379	-3010	-3997	-949	154	-431	-825	4663	4376



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1929 Regional Surplus/Deficit	7161	4675	3115	3320	573	-1898	-1514	-4536	-875	474	296	-856	6717	5678
1930 Regional Surplus/Deficit	5308	4148	2671	3397	816	-2324	-5225	-2830	-977	913	737	-1257	6324	5702
1931 Regional Surplus/Deficit	5731	4331	2780	3381	617	-2205	-5169	-4694	-1350	1975	-334	-548	4789	4060
1932 Regional Surplus/Deficit	5087	2519	2486	3095	334	-2453	-5235	-5000	668	7216	9024	6788	9987	7402
1933 Regional Surplus/Deficit	7221	6835	3397	3546	213	-463	3042	2434	-904	2861	5042	4902	11038	9233
1934 Regional Surplus/Deficit	6934	7751	4407	5892	4243	6452	6214	5906	5360	9997	8919	6074	5054	6544
1935 Regional Surplus/Deficit	5063	2726	2601	2994	142	-1643	2290	3464	-1469	2496	6208	4632	8884	7307
1936 Regional Surplus/Deficit	6687	4691	3048	3370	602	-2186	-3773	-4360	-588	830	5809	7971	8702	6092
1937 Regional Surplus/Deficit	6621	4253	2954	3359	769	-2136	-5172	-4484	-1234	709	366	-677	5294	5187
1938 Regional Surplus/Deficit	6156	3575	2700	3781	391	-2012	3305	-1075	3140	6211	6694	6970	9453	7013
1939 Regional Surplus/Deficit	5931	3975	3602	3800	538	-2064	17	-3756	8.2	2398	4448	6307	6509	6176
1940 Regional Surplus/Deficit	6749	4493	2978	3978	563	-1775	-1159	-2154	3635	4180	5776	4193	7446	5138
1941 Regional Surplus/Deficit	5678	3655	2790	3653	274	-989	-296	-4059	-663	252	715	662	6335	3023
1942 Regional Surplus/Deficit	4355	2884	2479	3059	35	2218	3461	-2979	-1343	1490	3458	3827	10307	7902
1943 Regional Surplus/Deficit	7176	6622	3419	3477	285	-1451	2401	2029	4357	9943	9018	6890	10146	8038
1944 Regional Surplus/Deficit	7108	6743	3389	3732	595	-1981	-579	-4723	-1256	534	-34	-1382	4074	2830
1945 Regional Surplus/Deficit	4923	2120	2020	2401	430	-2162	-5087	-3704	-1372	581	147	4244	9630	6219
1946 Regional Surplus/Deficit	5821	5274	2719	3766	530	-2072	520	1068	4558	7000	8218	7259	9776	7944
1947 Regional Surplus/Deficit	7417	6432	3912	3596	514	4051	3852	3684	5210	4204	6914	6578	9479	7441
1948 Regional Surplus/Deficit	7300	5434	3512	7679	2915	1977	3652	-648	2537	4815	8121	7933	10721	8289
1949 Regional Surplus/Deficit	7046	8043	5129	4272	449	-980	802	-1003	6143	4611	8766	7391	9213	5072
1950 Regional Surplus/Deficit	5646	3032	2530	3607	417	-2283	1254	4166	6999	8462	8055	5904	11016	8446
1951 Regional Surplus/Deficit	6806	7670	4142	5552	4197	5905	5350	6551	5566	8331	8559	7042	8732	8279
1952 Regional Surplus/Deficit	7106	7591	4702	6800	838	2636	3382	1846	3195	8539	8795	7694	9720	6636
1953 Regional Surplus/Deficit	7168	5292	3277	3305	872	-1975	-693	3548	-19	717	4145	6475	11036	8463
1954 Regional Surplus/Deficit	7300	6539	3840	4172	596	384	2120	3946	2419	7435	6759	6600	10437	8919
1955 Regional Surplus/Deficit	7981	7888	8750	5443	2103	1013	-1264	-3559	-1417	2761	2054	3145	11013	9373
1956 Regional Surplus/Deficit	6976	7920	3736	5141	2602	5326	5661	2634	6251	8462	9224	7667	11285	8610
1957 Regional Surplus/Deficit	7435	7235	3790	4465	457	827	1813	-2184	1429	8846	6995	8028	11194	6794
1958 Regional Surplus/Deficit	6375	4442	3186	3864	587	-1993	894	1719	3004	2776	7953	7644	10609	6256
1959 Regional Surplus/Deficit	6355	4966	3320	3613	1499	2678	5242	4551	2982	7140	5970	5747	10703	8731
1960 Regional Surplus/Deficit	7081	6813	8474	8728	4551	4736	3503	-535	2487	10289	8224	5515	9827	7639
1961 Regional Surplus/Deficit	7318	4671	3457	3920	825	-1038	1763	2698	3999	6720	6960	6214	10706	7025
1962 Regional Surplus/Deficit	6427	5508	2835	3703	466	-2523	1468	-2314	-1382	8797	8967	5798	9008	7763
1963 Regional Surplus/Deficit	6972	6172	3231	4825	1972	2646	2319	624	1116	2728	3777	6574	9660	7437
1964 Regional Surplus/Deficit	7424	6466	4010	3339	577	-1609	1346	-934	-833	4836	5074	4627	11248	9267
1965 Regional Surplus/Deficit	7228	7448	5204	5657	953	5510	5958	6094	5904	6634	8914	6953	10254	7063
1966 Regional Surplus/Deficit	7206	7148	3947	4768	1081	982	2996	-1421	-357	7705	4955	5606	8152	7790
1967 Regional Surplus/Deficit	7375	5908	3028	3526	543	-1113	3462	5386	1173	6131	4091	3578	11020	8789
1968 Regional Surplus/Deficit	7197	7014	4176	4384	848	535	2974	2450	3144	196	3866	3850	10051	8517
1969 Regional Surplus/Deficit	7217	7287	6002	5877	2953	2305	5109	4742	3804	9670	8852	7641	9950	7760
1970 Regional Surplus/Deficit	7307	5304	3394	3899	911	-1277	2264	2479	49	1165	5206	5246	10424	5360
1971 Regional Surplus/Deficit	6096	4655	2972	3931	856	-1577	4224	7004	4970	7224	8192	7559	11132	8851
1972 Regional Surplus/Deficit	7455	8267	4430	3970	885	650	3977	6383	7741	9788	6486	7363	10934	8946
1973 Regional Surplus/Deficit	7705	7860	5217	4297	727	1225	3517	-3510	-802	-37	574	346	6289	5224
1974 Regional Surplus/Deficit	5148	2763	2340	2836	394	2947	6605	7103	6723	9132	9092	6687	11083	9751
1975 Regional Surplus/Deficit	7478	8215	5180	3162	740	-1198	2672	1694	5110	4930	5661	6142	10607	9243
1976 Regional Surplus/Deficit	6366	5674	3998	5198	3915	6619	5211	4628	4207	9495	7867	7408	9137	8888
1977 Regional Surplus/Deficit	8382	8771	9919	4640	629	-1665	-594	-4350	-1628	-524	-954	-117	3348	2609
1978 Regional Surplus/Deficit	4570	2084	2094	2158	103	-1783	1694	-417	5007	4909	6540	6231	8786	7882
Top Ten Percent	6862	7293	4297	5488	3182	5962	5679	5163	5458	8584	8697	7029	8892	7877
Middle Eighty Percent	6695	5555	3880	4084	874	-235	1716	615	2065	4991	5856	5628	9649	7460
Bottom Ten Percent	6089	4626	2917	3504	614	-1927	-3288	-4158	-1096	877	290	-640	5363	4160

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1929 Regional Surplus/Deficit	6882	4302	2686	2927	277	-2259	-1903	-4892	-1186	-189	-786	-1519	5359	5222
1930 Regional Surplus/Deficit	5036	3776	2241	2999	529	-2686	-5618	-3181	-1288	253	-345	-1922	4964	5244
1931 Regional Surplus/Deficit	5457	3960	2350	2982	328	-2565	-5560	-5049	-1663	1319	-1418	-1211	3431	3609
1932 Regional Surplus/Deficit	4813	2147	2057	2698	40	-2817	-5627	-5356	368	6557	7936	6117	8619	6939
1933 Regional Surplus/Deficit	6941	6460	2970	3153	-97	-819	2651	2090	-1212	2206	3965	4237	9665	8765
1934 Regional Surplus/Deficit	6656	7373	3985	5499	3943	6070	5816	5555	5060	9320	7828	5404	3693	6083
1935 Regional Surplus/Deficit	4793	2357	2174	2597	-170	-2003	1900	3119	-1783	1840	5130	3966	7519	6845
1936 Regional Surplus/Deficit	6409	4321	2620	2975	311	-2547	-4159	-4715	-896	170	4735	7294	7340	5635
1937 Regional Surplus/Deficit	6344	3882	2525	2962	481	-2496	-5563	-4838	-1545	48	-713	-1344	3936	4734
1938 Regional Surplus/Deficit	5881	3208	2271	3384	90	-2373	2913	-1420	2844	5554	5617	6298	8087	6552
1939 Regional Surplus/Deficit	5658	3605	3175	3407	243	-2427	-368	-4108	-297	1742	3373	5638	5147	5718
1940 Regional Surplus/Deficit	6471	4122	2550	3583	272	-2135	-1549	-2506	3340	3524	4702	3528	6081	4685
1941 Regional Surplus/Deficit	5405	3286	2361	3259	-26	-1344	-689	-4413	-972	-405	-356	0.3	4975	2574
1942 Regional Surplus/Deficit	4083	2514	2051	2664	-271	1864	3070	-3329	-1660	834	2385	3163	8936	7437
1943 Regional Surplus/Deficit	6897	6247	2991	3083	-23	-1811	2013	1684	4060	9271	7931	6218	8777	7572
1944 Regional Surplus/Deficit	6829	6369	2960	3339	299	-2343	-969	-5079	-1573	-129	-1113	-2043	2716	2380
1945 Regional Surplus/Deficit	4650	1751	1591	2004	137	-2524	-5479	-4059	-1686	-81	-936	3581	8263	5762
1946 Regional Surplus/Deficit	5548	4903	2290	3368	232	-2433	131	721	4261	6341	7135	6586	8409	7479
1947 Regional Surplus/Deficit	7138	6059	3487	3204	214	3696	3460	3339	4911	3549	5836	5908	8113	6978
1948 Regional Surplus/Deficit	7020	5061	3085	7283	2635	1629	3260	-996	2243	4158	7038	7255	9347	7823
1949 Regional Surplus/Deficit	6767	7663	4706	3879	148	-1339	415	-1354	5839	3955	7679	6718	7848	4620
1950 Regional Surplus/Deficit	5374	2663	2100	3212	114	-2645	867	3817	6691	7800	6973	5235	9643	7980
1951 Regional Surplus/Deficit	6529	7293	3716	5158	3906	5547	4954	6198	5267	7669	7474	6368	7370	7813
1952 Regional Surplus/Deficit	6827	7213	4278	6405	548	2286	2990	1504	2897	7876	7709	7016	8354	6177
1953 Regional Surplus/Deficit	6889	4920	2849	2910	583	-2336	-1084	3204	-321	60	3071	5807	9663	7996
1954 Regional Surplus/Deficit	7021	6166	3414	3779	301	30	1732	3601	2124	6775	5682	5929	9065	8451
1955 Regional Surplus/Deficit	7701	7509	8332	5049	1824	662	-1653	-3914	-1733	2106	987	2481	9640	8905
1956 Regional Surplus/Deficit	6697	7540	3309	4748	2321	4971	5264	2292	5946	7799	8129	6989	9912	8142
1957 Regional Surplus/Deficit	7156	6859	3364	4072	155	475	1424	-2535	1134	8179	5917	7352	9820	6334
1958 Regional Surplus/Deficit	6100	4070	2757	3469	292	-2356	507	1372	2710	2120	6872	6970	9238	5799
1959 Regional Surplus/Deficit	6080	4594	2892	3221	1216	2329	4846	4205	2685	6481	4894	5080	9330	8263
1960 Regional Surplus/Deficit	6802	6438	8057	8331	4236	4384	3112	-880	2190	9613	7141	4850	8460	7175
1961 Regional Surplus/Deficit	7039	4299	3030	3527	536	-1397	1374	2355	3703	6061	5879	5547	9333	6564
1962 Regional Surplus/Deficit	6151	5135	2405	3310	168	-2889	1079	-2661	-1693	8133	7881	5132	7644	7299
1963 Regional Surplus/Deficit	6694	5799	2802	4432	1692	2297	1932	283	812	2073	2704	5905	8293	6973
1964 Regional Surplus/Deficit	7144	6092	3584	2946	280	-1971	957	-1281	-1145	4180	3998	3963	9875	8798
1965 Regional Surplus/Deficit	6949	7071	4781	5264	665	5150	5561	5742	5602	5976	7827	6279	8885	6602
1966 Regional Surplus/Deficit	6927	6771	3522	4374	795	628	2606	-1766	-665	7046	3880	4941	6789	7325
1967 Regional Surplus/Deficit	7096	5533	2599	3132	246	-1472	3070	5037	876	5474	3015	2917	9647	8321
1968 Regional Surplus/Deficit	6918	6639	3750	3990	558	181	2584	2109	2850	-465	2790	3184	8682	8050
1969 Regional Surplus/Deficit	6938	6910	5583	5483	2673	1955	4713	4396	3508	9000	7765	6964	8582	7295
1970 Regional Surplus/Deficit	7027	4931	2965	3507	621	-1638	1872	2137	-254	508	4131	4580	9054	4908
1971 Regional Surplus/Deficit	5822	4283	2542	3535	563	-1937	3831	6647	4672	6564	7108	6880	9759	8383
1972 Regional Surplus/Deficit	7176	7886	4005	3577	589	296	3584	6030	7429	9115	5409	6686	9560	8478
1973 Regional Surplus/Deficit	7425	7480	4794	3903	430	873	3126	-3864	-1113	-698	-500	-318	4928	4768
1974 Regional Surplus/Deficit	4874	2392	1909	2439	76	2594	6208	6746	6417	8465	8000	6012	9709	9284
1975 Regional Surplus/Deficit	7198	7835	4757	2768	444	-1558	2283	1351	4811	4274	4586	5473	9236	8775
1976 Regional Surplus/Deficit	6092	5303	3573	4805	3628	6248	4816	4282	3912	8827	6785	6732	7773	8420
1977 Regional Surplus/Deficit	8103	8386	9500	4246	335	-2025	-984	-4705	-1948	-1189	-2031	-781	1990	2158
1978 Regional Surplus/Deficit	4295	1714	1665	1762	-206	-2144	1304	-765	4708	4253	5463	5564	7423	7417
Top Ten Percent	6585	6916	3873	5095	2893	5597	5282	4814	5157	7918	7609	6355	7526	7412
Middle Eighty Percent	6418	5181	3454	3690	578	-592	1325	266	1762	4331	4777	4959	8281	6998
Bottom Ten Percent	5814	4255	2488	3108	322	-2287	-3680	-4512	-1408	217	-789	-1304	4004	3708

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1929 Regional Surplus/Deficit	6520	4002	2491	2756	-449	-3019	-2283	-5280	-1558	-101	-283	-1187	5999	4923
1930 Regional Surplus/Deficit	4679	3477	2046	2824	-189	-3446	-6000	-3565	-1660	343	156	-1591	5602	4945
1931 Regional Surplus/Deficit	5098	3661	2155	2807	-391	-3324	-5941	-5437	-2037	1413	-918	-880	4071	3315
1932 Regional Surplus/Deficit	4455	1848	1861	2524	-684	-3580	-6009	-5744	5.2	6647	8432	6442	9251	6635
1933 Regional Surplus/Deficit	6578	6158	2776	2981	-833	-1575	2271	1711	-1582	2300	4472	4567	10293	8456
1934 Regional Surplus/Deficit	6294	7067	3795	5327	3214	5294	5429	5169	4697	9397	8323	5730	4331	5780
1935 Regional Surplus/Deficit	4438	2061	1981	2424	-908	-2763	1520	2739	-2157	1934	5636	4296	8154	6540
1936 Regional Surplus/Deficit	6047	4024	2426	2803	-410	-3306	-4537	-5103	-1266	262	5244	7616	7978	5336
1937 Regional Surplus/Deficit	5984	3584	2330	2789	-238	-3257	-5944	-5225	-1917	138	-209	-1016	4577	4438
1938 Regional Surplus/Deficit	5522	2912	2076	3210	-639	-3132	2531	-1800	2484	5645	6124	6623	8722	6250
1939 Regional Surplus/Deficit	5301	3308	2982	3235	-482	-3188	-744	-4493	-664	1836	3880	5966	5784	5419
1940 Regional Surplus/Deficit	6110	3823	2355	3410	-450	-2895	-1930	-2891	2981	3618	5210	3859	6716	4390
1941 Regional Surplus/Deficit	5048	2989	2166	3087	-755	-2100	-1072	-4799	-1343	-312	155	333	5613	2282
1942 Regional Surplus/Deficit	3727	2216	1857	2492	-1004	1110	2687	-3712	-2035	928	2895	3495	9567	7131
1943 Regional Surplus/Deficit	6534	5945	2798	2911	-758	-2570	1633	1303	3699	9352	8429	6542	9409	7266
1944 Regional Surplus/Deficit	6467	6067	2766	3167	-427	-3104	-1350	-5467	-1949	-40	-607	-1710	3357	2088
1945 Regional Surplus/Deficit	4293	1454	1395	1830	-586	-3286	-5861	-4446	-2060	8.6	-434	3915	8897	5463
1946 Regional Surplus/Deficit	5190	4604	2094	3194	-495	-3194	-248	340	3900	6432	7636	6909	9043	7173
1947 Regional Surplus/Deficit	6774	5758	3295	3033	-515	2941	3077	2959	4548	3643	6341	6234	8747	6673
1948 Regional Surplus/Deficit	6657	4762	2891	7109	1922	879	2878	-1378	1885	4252	7540	7575	9975	7516
1949 Regional Surplus/Deficit	6405	7356	4516	3708	-581	-2097	36	-1738	5472	4049	8178	7042	8484	4326
1950 Regional Surplus/Deficit	5018	2366	1903	3039	-617	-3407	489	3435	6320	7887	7475	5563	10271	7672
1951 Regional Surplus/Deficit	6169	6988	3524	4987	3185	4789	4569	5812	4903	7757	7974	6692	8008	7505
1952 Regional Surplus/Deficit	6464	6909	4087	6232	-173	1535	2609	1126	2535	7963	8209	7336	8988	5876
1953 Regional Surplus/Deficit	6526	4621	2654	2737	-138	-3097	-1465	2825	-685	153	3581	6135	10292	7689
1954 Regional Surplus/Deficit	6658	5865	3221	3608	-423	-725	1353	3222	1765	6865	6189	6255	9694	8142
1955 Regional Surplus/Deficit	7337	7203	8146	4878	1112	-91	-2032	-4301	-2108	2200	1502	2814	10268	8596
1956 Regional Surplus/Deficit	6335	7234	3115	4576	1607	4216	4878	1914	5578	7886	8622	7310	10540	7834
1957 Regional Surplus/Deficit	6793	6556	3171	3902	-576	-278	1044	-2920	775	8264	6422	7674	10448	6032
1958 Regional Surplus/Deficit	5741	3771	2563	3297	-432	-3118	130	992	2351	2215	7375	7294	9868	5499
1959 Regional Surplus/Deficit	5720	4296	2698	3050	501	1577	4460	3823	2324	6572	5403	5409	9960	7954
1960 Regional Surplus/Deficit	6439	6135	7870	8157	3495	3631	2730	-1261	1830	9690	7642	5181	9093	6870
1961 Regional Surplus/Deficit	6675	4000	2837	3356	-185	-2156	994	1977	3343	6152	6383	5875	9961	6261
1962 Regional Surplus/Deficit	5791	4835	2210	3138	-559	-3653	699	-3042	-2066	8219	8379	5462	8281	6993
1963 Regional Surplus/Deficit	6332	5499	2607	4261	979	1546	1553	-93	445	2167	3213	6233	8927	6669
1964 Regional Surplus/Deficit	6780	5791	3392	2775	-447	-2731	578	-1662	-1517	4274	4506	4295	10503	8489
1965 Regional Surplus/Deficit	6587	6767	4591	5092	-54	4390	5174	5357	5236	6067	8326	6603	9516	6299
1966 Regional Surplus/Deficit	6564	6468	3330	4203	77	-127	2225	-2145	-1035	7136	4389	5271	7427	7019
1967 Regional Surplus/Deficit	6732	5232	2403	2960	-481	-2230	2689	4653	516	5566	3523	3251	10276	8012
1968 Regional Surplus/Deficit	6556	6336	3557	3819	-162	-574	2204	1731	2492	-375	3298	3514	9314	7741
1969 Regional Surplus/Deficit	6575	6607	5395	5312	1959	1203	4328	4014	3148	9081	8263	7285	9215	6990
1970 Regional Surplus/Deficit	6664	4631	2770	3336	-100	-2398	1491	1759	-620	601	4640	4911	9685	4612
1971 Regional Surplus/Deficit	5464	3983	2347	3363	-161	-2696	3448	6258	4310	6654	7609	7200	10387	8074
1972 Regional Surplus/Deficit	6813	7579	3813	3406	-135	-459	3202	5642	7055	9194	5916	7007	10188	8169
1973 Regional Surplus/Deficit	7061	7175	4603	3731	-296	120	2745	-4250	-1486	-608	7.9	13	5566	4470
1974 Regional Surplus/Deficit	4516	2093	1713	2265	-667	1840	5821	6356	6047	8549	8495	6335	10337	8975
1975 Regional Surplus/Deficit	6835	7528	4566	2597	-282	-2317	1903	973	4448	4367	5095	5801	9866	8466
1976 Regional Surplus/Deficit	5733	5005	3381	4634	2910	5480	4431	3900	3552	8910	7288	7055	8409	8111
1977 Regional Surplus/Deficit	7740	8075	9313	4074	-390	-2784	-1365	-5093	-2328	-1101	-1525	-451	2631	1863
1978 Regional Surplus/Deficit	3936	1417	1469	1588	-941	-2904	923	-1146	4345	4346	5969	5893	8061	7111
Top Ten Percent	6223	6612	3681	4923	2172	4834	4896	4430	4793	8003	8107	6678	8161	7106
Middle Eighty Percent	6057	4880	3261	3518	-148	-1349	944	-116	1396	4421	5281	5286	8913	6694
Bottom Ten Percent	5455	3956	2292	2935	-400	-3046	-4061	-4899	-1781	308	-285	-973	4644	3414

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1929 Regional Surplus/Deficit	5712	3003	1641	1912	-1252	-4026	-3528	-6422	-2520	-961	-1142	-2647	4365	4108
1930 Regional Surplus/Deficit	3873	2479	1196	1978	-988	-4452	-7247	-4705	-2621	-515	-703	-3053	3967	4129
1931 Regional Surplus/Deficit	4292	2662	1305	1961	-1192	-4330	-7187	-6579	-2999	556	-1778	-2341	2437	2502
1932 Regional Surplus/Deficit	3649	849	1012	1678	-1486	-4588	-7255	-6886	-952	5788	7570	4978	7613	5817
1933 Regional Surplus/Deficit	5770	5157	1928	2136	-1642	-2580	1025	574	-2542	1443	3615	3106	8654	7636
1934 Regional Surplus/Deficit	5486	6065	2949	4482	2409	4279	4180	4028	3739	8531	7460	4267	2696	4963
1935 Regional Surplus/Deficit	3634	1063	1132	1578	-1718	-3769	275	1601	-3120	1078	4779	2834	6518	5723
1936 Regional Surplus/Deficit	5240	3027	1578	1957	-1211	-4312	-5782	-6245	-2226	-596	4388	6150	6343	4521
1937 Regional Surplus/Deficit	5177	2585	1481	1943	-1038	-4263	-7190	-6367	-2879	-721	-1067	-2478	2943	3625
1938 Regional Surplus/Deficit	4716	1915	1227	2364	-1444	-4138	1284	-2938	1528	4787	5267	5159	7086	5433
1939 Regional Surplus/Deficit	4495	2310	2134	2390	-1285	-4195	-1988	-5634	-1623	979	3023	4504	4148	4603
1940 Regional Surplus/Deficit	5303	2825	1506	2565	-1251	-3901	-3175	-4032	2025	2761	4354	2398	5080	3576
1941 Regional Surplus/Deficit	4242	1991	1317	2243	-1560	-3103	-2319	-5941	-2304	-1169	-700	-1127	3978	1470
1942 Regional Surplus/Deficit	2922	1218	1009	1647	-1812	107	1441	-4852	-2999	71	2040	2034	7929	6312
1943 Regional Surplus/Deficit	5726	4945	1949	2066	-1566	-3575	388	165	2743	8488	7567	5078	7771	6447
1944 Regional Surplus/Deficit	5659	5067	1917	2322	-1230	-4110	-2596	-6610	-2913	-900	-1465	-3169	1724	1277
1945 Regional Surplus/Deficit	3488	456	546	984	-1388	-4292	-7108	-5587	-3023	-851	-1293	2454	7260	4648
1946 Regional Surplus/Deficit	4384	3606	1245	2348	-1299	-4200	-1494	-799	2943	5573	6777	5445	7406	6354
1947 Regional Surplus/Deficit	5966	4758	2447	2189	-1319	1937	1831	1821	3590	2786	5484	4770	7111	5855
1948 Regional Surplus/Deficit	5849	3763	2042	6264	1125	-122	1632	-2517	930	3395	6681	6109	8335	6697
1949 Regional Surplus/Deficit	5597	6354	3669	2864	-1386	-3103	-1209	-2878	4513	3192	7317	5578	6847	3513
1950 Regional Surplus/Deficit	4213	1368	1054	2193	-1423	-4413	-756	2296	5359	7027	6615	4100	8631	6853
1951 Regional Surplus/Deficit	5361	5987	2676	4143	2383	3784	3320	4670	3945	6897	7113	5227	6373	6686
1952 Regional Surplus/Deficit	5656	5907	3241	5387	-974	533	1362	-11	1578	7103	7348	5870	7351	5060
1953 Regional Surplus/Deficit	5718	3622	1805	1891	-938	-4103	-2711	1687	-1643	-704	2725	4673	8652	6869
1954 Regional Surplus/Deficit	5850	4865	2373	2763	-1226	-1729	109	2083	809	6006	5332	4791	8055	7322
1955 Regional Surplus/Deficit	6528	6201	7301	4033	316	-1093	-3277	-5442	-3072	1343	649	1353	8628	7777
1956 Regional Surplus/Deficit	5527	6231	2267	3732	810	3213	3629	777	4618	7025	7758	5843	8900	7015
1957 Regional Surplus/Deficit	5984	5555	2323	3057	-1381	-1280	-201	-4060	-181	7403	5565	6208	8808	5215
1958 Regional Surplus/Deficit	4934	2772	1714	2452	-1235	-4125	-1115	-147	1396	1358	6517	5829	8229	4683
1959 Regional Surplus/Deficit	4914	3297	1849	2206	-297	576	3212	2684	1368	5714	4546	3947	8320	7134
1960 Regional Surplus/Deficit	5631	5135	7026	7311	2684	2628	1484	-2399	874	8825	6783	3720	7456	6053
1961 Regional Surplus/Deficit	5867	3001	1989	2511	-986	-3162	-251	840	2387	5294	5524	4413	8321	5444
1962 Regional Surplus/Deficit	4984	3836	1360	2293	-1363	-4661	-546	-4181	-3027	7358	7518	4001	6646	6175
1963 Regional Surplus/Deficit	5524	4499	1758	3417	182	544	309	-1229	-514	1310	2357	4770	7290	5851
1964 Regional Surplus/Deficit	5971	4791	2544	1931	-1251	-3738	-667	-2801	-2479	3416	3649	2834	8863	7669
1965 Regional Surplus/Deficit	5779	5765	3744	4248	-854	3384	3925	4216	4278	5209	7465	5139	7878	5483
1966 Regional Surplus/Deficit	5756	5467	2483	3358	-722	-1131	979	-3283	-1996	6277	3533	3810	5791	6200
1967 Regional Surplus/Deficit	5924	4232	1554	2115	-1285	-3235	1443	3513	-441	4708	2666	1792	8636	7192
1968 Regional Surplus/Deficit	5748	5335	2710	2975	-963	-1577	959	595	1537	-1234	2442	2052	7676	6922
1969 Regional Surplus/Deficit	5766	5606	4550	4467	1162	201	3079	2875	2193	8218	7402	5819	7577	6172
1970 Regional Surplus/Deficit	5856	3631	1921	2492	-901	-3404	244	623	-1579	-256	3784	3450	8046	3799
1971 Regional Surplus/Deficit	4658	2984	1497	2517	-963	-3701	2200	5114	3353	5795	6749	5733	8747	7255
1972 Regional Surplus/Deficit	6005	6576	2966	2561	-938	-1463	1955	4500	6092	8330	5059	5540	8548	7349
1973 Regional Surplus/Deficit	6253	6173	3756	2887	-1100	-882	1499	-5391	-2448	-1467	-848	-1448	3931	3655
1974 Regional Surplus/Deficit	3710	1095	863	1419	-1479	837	4572	5213	5087	7687	7631	4870	8697	8156
1975 Regional Surplus/Deficit	6027	6525	3718	1752	-1085	-3322	657	-164	3490	3510	4238	4339	8227	7646
1976 Regional Surplus/Deficit	4927	4006	2534	3790	2110	4469	3182	2762	2596	8048	6429	5589	6773	7291
1977 Regional Surplus/Deficit	6931	7070	8467	3229	-1192	-3790	-2610	-6235	-3293	-1962	-2383	-1912	997	1051
1978 Regional Surplus/Deficit	3130	419	619	743	-1749	-3911	-323	-2286	3388	3489	5112	4431	6426	6293
Top Ten Percent	5416	5611	2834	4079	1372	3826	3647	3290	3835	7142	7245	5213	6524	6287
Middle Eighty Percent	5250	3880	2413	2673	-951	-2354	-301	-1256	438	3562	4423	3823	7275	5876
Bottom Ten Percent	4649	2957	1443	2089	-1202	-4052	-5308	-6040	-2743	-550	-1143	-2434	3010	2601

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# Section 13

## Monthly OY 2006 – 2015

### Capacity in Megawatts

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<sup>1</sup> Restoration was tied to the multi-year critical period studies. BPA uses a 1-year critical period for planning making Restoration adjustments obsolete.

<sup>2</sup> Table is obsolete due to expiration of contract on March 31, 2003.

<sup>3</sup> Capacity Reserves are not applicable to energy.

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Table A-1  
Total Retail Loads  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System



Table A-1: Pacific Northwest Total Retail Loads  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Loads</b>														
<b>-Federal Entities-</b>														
1 Federal Entities	229	229	179	205	212	203	224	212	202	189	189	185	198	193
2 Total Federal Entities	229	229	179	205	212	203	224	212	202	189	189	185	198	193
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	296	296	296	296	296	296	296	296	296	296	296	296	296	296
6 Total Direct Service Industry	296	296	296	296	296	296	296	296	296	296	296	296	296	296
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	5481	5523	5914	6905	7737	8429	8641	8417	7715	6780	6759	6614	5986	5900
8 Total Generating Public Entities	5481	5523	5914	6905	7737	8429	8641	8417	7715	6780	6759	6614	5986	5900
<b>-Non-Generating Public Entities-</b>														
9 Non-Generating Public Entities	4791	4843	4691	5206	5418	5725	5970	5769	5297	4968	4963	4973	5153	5104
10 Total Non-Generating Public Entities	4791	4843	4691	5206	5418	5725	5970	5769	5297	4968	4963	4973	5153	5104
<b>-Investor-Owned Entities-</b>														
11 Investor-Owned Entities	14348	14316	12860	13333	14921	16397	17060	16127	14657	13421	13435	13235	13904	14456
12 Total Investor-Owned Entities	14348	14316	12860	13333	14921	16397	17060	16127	14657	13421	13435	13235	13904	14456
<b>-Other Firm Loads-</b>														
13 Other PNW Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
14 Total Other Firm Loads	183	183	183	183	183	183	183	183	183	183	183	183	183	183
<b>- Total Regional Firm Loads-</b>														
15 Federal Entities	509	475	335	344	213	203	224	213	239	455	518	445	470	483
16 Direct Service Industry	296	296	296	296	296	296	296	296	296	296	296	296	296	296
17 Public Entities	10272	10366	10606	12110	13155	14154	14610	14186	13012	11748	11722	11586	11140	11004
18 Investor-Owned Entities	14348	14316	12860	13333	14921	16397	17060	16127	14657	13421	13435	13235	13904	14456
19 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
20 Total Regional Firm Loads	25608	25636	24280	26267	28768	31233	32374	31005	28387	26103	26154	25745	25993	26422
<b>Non-Firm Loads</b>														
<b>-Investor-Owned Entities-</b>														
21 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
22 Total Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<b>- Total Regional Non-Firm Loads-</b>														
23 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
27 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total Regional Non-Firm Loads	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<b>- Total Regional Loads-</b>														
29 Federal Entities	509	475	335	344	213	203	224	213	239	455	518	445	470	483
30 Direct Service Industry	296	296	296	296	296	296	296	296	296	296	296	296	296	296
31 Public Entities	10272	10366	10606	12110	13155	14154	14610	14186	13012	11748	11722	11586	11140	11004
32 Investor-Owned Entities	14373	14341	12899	13358	14946	16422	17088	16175	14736	13480	13494	13260	13929	14481
33 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
34 Total Regional Loads	25633	25661	24320	26292	28793	31258	32402	31053	28466	26162	26213	25770	26018	26447

Table A-1: Pacific Northwest Total Retail Loads  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Loads</b>														
<b>-Federal Entities-</b>														
1 Federal Entities	227	227	179	220	229	217	242	229	217	202	202	196	213	207
2 Total Federal Entities	227	227	179	220	229	217	242	229	217	202	202	196	213	207
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	296	296	296	508	508	508	508	508	508	508	508	508	508	508
6 Total Direct Service Industry	296	296	296	508	508	508	508	508	508	508	508	508	508	508
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	5603	5648	6060	7021	7866	8542	8739	8512	7802	6866	6845	6694	6054	5965
8 Total Generating Public Entities	5603	5648	6060	7021	7866	8542	8739	8512	7802	6866	6845	6694	6054	5965
<b>-Non-Generating Public Entities-</b>														
9 Non-Generating Public Entities	4870	4875	4669	5147	5630	5905	6032	5826	5347	5011	5011	5018	5101	5054
10 Total Non-Generating Public Entities	4870	4875	4669	5147	5630	5905	6032	5826	5347	5011	5011	5018	5101	5054
<b>-Investor-Owned Entities-</b>														
11 Investor-Owned Entities	14602	14569	13119	13608	15184	16656	17125	16224	14714	13613	13627	13375	14139	14716
12 Total Investor-Owned Entities	14602	14569	13119	13608	15184	16656	17125	16224	14714	13613	13627	13375	14139	14716
<b>-Other Firm Loads-</b>														
13 Other PNW Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
14 Total Other Firm Loads	183	183	183	183	183	183	183	183	183	183	183	183	183	183
<b>- Total Regional Firm Loads-</b>														
15 Federal Entities	508	474	336	359	229	217	242	229	253	468	531	456	485	497
16 Direct Service Industry	296	296	296	508	508	508	508	508	508	508	508	508	508	508
17 Public Entities	10473	10522	10728	12168	13497	14447	14772	14338	13149	11877	11856	11712	11155	11019
18 Investor-Owned Entities	14602	14569	13119	13608	15184	16656	17125	16224	14714	13613	13627	13375	14139	14716
19 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
20 Total Regional Firm Loads	26063	26045	24662	26826	29601	32011	32830	31481	28808	26649	26705	26234	26470	26923
<b>Non-Firm Loads</b>														
<b>-Investor-Owned Entities-</b>														
21 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
22 Total Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<b>- Total Regional Non-Firm Loads-</b>														
23 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
27 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total Regional Non-Firm Loads	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<b>- Total Regional Loads-</b>														
29 Federal Entities	508	474	336	359	229	217	242	229	253	468	531	456	485	497
30 Direct Service Industry	296	296	296	508	508	508	508	508	508	508	508	508	508	508
31 Public Entities	10473	10522	10728	12168	13497	14447	14772	14338	13149	11877	11856	11712	11155	11019
32 Investor-Owned Entities	14627	14594	13158	13633	15209	16681	17154	16272	14793	13672	13686	13400	14164	14741
33 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
34 Total Regional Loads	26088	26070	24701	26851	29626	32036	32858	31529	28887	26707	26764	26259	26495	26948

Table A-1: Pacific Northwest Total Retail Loads  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Loads</b>														
<b>-Federal Entities-</b>														
1 Federal Entities	249	249	191	233	243	229	257	243	229	213	213	205	226	220
2 Total Federal Entities	249	249	191	233	243	229	257	243	229	213	213	205	226	220
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	508	508	508	608	608	608	608	608	608	608	608	608	608	608
6 Total Direct Service Industry	508	508	508	608	608	608	608	608	608	608	608	608	608	608
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	5681	5725	6134	7122	7977	8661	8846	8614	7895	6947	6927	6772	6121	6081
8 Total Generating Public Entities	5681	5725	6134	7122	7977	8661	8846	8614	7895	6947	6927	6772	6121	6081
<b>-Non-Generating Public Entities-</b>														
9 Non-Generating Public Entities	4980	4986	4827	5215	5547	5842	6254	6019	5417	5079	5081	5090	5159	5123
10 Total Non-Generating Public Entities	4980	4986	4827	5215	5547	5842	6254	6019	5417	5079	5081	5090	5159	5123
<b>-Investor-Owned Entities-</b>														
11 Investor-Owned Entities	14739	14706	13324	13799	15379	16724	17429	16511	14926	13820	13834	13643	14443	14956
12 Total Investor-Owned Entities	14739	14706	13324	13799	15379	16724	17429	16511	14926	13820	13834	13643	14443	14956
<b>-Other Firm Loads-</b>														
13 Other PNW Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
14 Total Other Firm Loads	183	183	183	183	183	183	183	183	183	183	183	183	183	183
<b>- Total Regional Firm Loads-</b>														
15 Federal Entities	530	496	347	372	243	229	258	243	266	479	542	465	499	510
16 Direct Service Industry	508	508	508	608	608	608	608	608	608	608	608	608	608	608
17 Public Entities	10660	10710	10960	12336	13524	14504	15101	14632	13312	12026	12007	11862	11280	11204
18 Investor-Owned Entities	14739	14706	13324	13799	15379	16724	17429	16511	14926	13820	13834	13643	14443	14956
19 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
20 Total Regional Firm Loads	26621	26603	25323	27299	29937	32248	33578	32177	29295	27116	27174	26761	27013	27461
<b>Non-Firm Loads</b>														
<b>-Investor-Owned Entities-</b>														
21 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
22 Total Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<b>- Total Regional Non-Firm Loads-</b>														
23 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
27 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total Regional Non-Firm Loads	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<b>- Total Regional Loads-</b>														
29 Federal Entities	530	496	347	372	243	229	258	243	266	479	542	465	499	510
30 Direct Service Industry	508	508	508	608	608	608	608	608	608	608	608	608	608	608
31 Public Entities	10660	10710	10960	12336	13524	14504	15101	14632	13312	12026	12007	11862	11280	11204
32 Investor-Owned Entities	14764	14731	13363	13824	15404	16749	17458	16559	15005	13879	13893	13668	14468	14981
33 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
34 Total Regional Loads	26646	26628	25362	27324	29962	32273	33607	32225	29374	27175	27233	26786	27038	27486

Table A-1: Pacific Northwest Total Retail Loads  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Loads</b>														
<i>-Federal Entities-</i>														
1 Federal Entities	268	268	201	258	270	251	286	269	253	233	233	222	251	242
2 Total Federal Entities	268	268	201	258	270	251	286	269	253	233	233	222	251	242
<i>-U.S. Bureau of Reclamation-</i>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>-Direct Service Industry-</i>														
5 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
6 Total Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
<i>-Generating Public Entities-</i>														
7 Generating Public Entities	5729	5773	6186	7178	8040	8729	8935	8699	7973	7016	6995	6838	6179	6139
8 Total Generating Public Entities	5729	5773	6186	7178	8040	8729	8935	8699	7973	7016	6995	6838	6179	6139
<i>-Non-Generating Public Entities-</i>														
9 Non-Generating Public Entities	4999	4999	4784	5424	5766	5909	6146	5972	5602	5193	5144	5153	5223	5191
10 Total Non-Generating Public Entities	4999	4999	4784	5424	5766	5909	6146	5972	5602	5193	5144	5153	5223	5191
<i>-Investor-Owned Entities-</i>														
11 Investor-Owned Entities	15086	15052	13552	13994	15613	17190	17712	16743	15138	14043	14057	13829	14729	15248
12 Total Investor-Owned Entities	15086	15052	13552	13994	15613	17190	17712	16743	15138	14043	14057	13829	14729	15248
<i>-Other Firm Loads-</i>														
13 Other PNW Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
14 Total Other Firm Loads	183	183	183	183	183	183	183	183	183	183	183	183	183	183
<i>- Total Regional Firm Loads-</i>														
15 Federal Entities	549	515	358	397	270	251	286	269	290	500	563	482	523	532
16 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
17 Public Entities	10729	10772	10970	12602	13805	14638	15081	14671	13575	12209	12140	11990	11402	11331
18 Investor-Owned Entities	15086	15052	13552	13994	15613	17190	17712	16743	15138	14043	14057	13829	14729	15248
19 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
20 Total Regional Firm Loads	27155	27130	25670	27784	30479	32871	33870	32474	29794	27543	27550	27092	27445	27902
<b>Non-Firm Loads</b>														
<i>-Investor-Owned Entities-</i>														
21 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
22 Total Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>- Total Regional Non-Firm Loads-</i>														
23 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
27 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total Regional Non-Firm Loads	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>- Total Regional Loads-</i>														
29 Federal Entities	549	515	358	397	270	251	286	269	290	500	563	482	523	532
30 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
31 Public Entities	10729	10772	10970	12602	13805	14638	15081	14671	13575	12209	12140	11990	11402	11331
32 Investor-Owned Entities	15111	15077	13591	14019	15638	17215	17740	16791	15217	14102	14116	13854	14754	15273
33 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
34 Total Regional Loads	27180	27155	25710	27809	30504	32896	33899	32522	29873	27602	27609	27117	27470	27927

Table A-1: Pacific Northwest Total Retail Loads  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Loads</b>														
<i>-Federal Entities-</i>														
1 Federal Entities	305	305	220	260	272	253	288	271	255	235	235	224	252	244
2 Total Federal Entities	305	305	220	260	272	253	288	271	255	235	235	224	252	244
<i>-U.S. Bureau of Reclamation-</i>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>-Direct Service Industry-</i>														
5 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
6 Total Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
<i>-Generating Public Entities-</i>														
7 Generating Public Entities	5782	5826	6244	7247	8118	8815	9018	8779	8046	7081	7059	6901	6232	6191
8 Total Generating Public Entities	5782	5826	6244	7247	8118	8815	9018	8779	8046	7081	7059	6901	6232	6191
<i>-Non-Generating Public Entities-</i>														
9 Non-Generating Public Entities	5061	5065	4845	5358	5677	6156	6377	6054	5559	5216	5275	5361	5394	5272
10 Total Non-Generating Public Entities	5061	5065	4845	5358	5677	6156	6377	6054	5559	5216	5275	5361	5394	5272
<i>-Investor-Owned Entities-</i>														
11 Investor-Owned Entities	15365	15331	13794	14228	15879	17432	17919	16899	15312	14207	14222	14002	14946	15460
12 Total Investor-Owned Entities	15365	15331	13794	14228	15879	17432	17919	16899	15312	14207	14222	14002	14946	15460
<i>-Other Firm Loads-</i>														
13 Other PNW Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
14 Total Other Firm Loads	183	183	183	183	183	183	183	183	183	183	183	183	183	183
<i>- Total Regional Firm Loads-</i>														
15 Federal Entities	586	552	376	399	272	253	289	271	292	501	564	484	525	534
16 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
17 Public Entities	10843	10891	11090	12605	13795	14971	15394	14833	13605	12297	12334	12262	11626	11463
18 Investor-Owned Entities	15365	15331	13794	14228	15879	17432	17919	16899	15312	14207	14222	14002	14946	15460
19 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
20 Total Regional Firm Loads	27585	27564	26051	28023	30737	33447	34393	32794	30000	27796	27911	27539	27888	28248
<b>Non-Firm Loads</b>														
<i>-Investor-Owned Entities-</i>														
21 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
22 Total Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>- Total Regional Non-Firm Loads-</i>														
23 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
27 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total Regional Non-Firm Loads	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>- Total Regional Loads-</i>														
29 Federal Entities	586	552	376	399	272	253	289	271	292	501	564	484	525	534
30 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
31 Public Entities	10843	10891	11090	12605	13795	14971	15394	14833	13605	12297	12334	12262	11626	11463
32 Investor-Owned Entities	15390	15356	13833	14253	15904	17457	17948	16947	15391	14266	14281	14027	14971	15485
33 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
34 Total Regional Loads	27610	27589	26090	28048	30762	33472	34421	32842	30079	27855	27970	27564	27913	28273

Table A-1: Pacific Northwest Total Retail Loads  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Loads</b>														
<i>-Federal Entities-</i>														
1 Federal Entities	306	306	221	262	274	255	291	273	257	237	237	226	254	246
2 Total Federal Entities	306	306	221	262	274	255	291	273	257	237	237	226	254	246
<i>-U.S. Bureau of Reclamation-</i>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>-Direct Service Industry-</i>														
5 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
6 Total Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
<i>-Generating Public Entities-</i>														
7 Generating Public Entities	5834	5878	6301	7314	8195	8900	9100	8860	8119	7144	7123	6963	6285	6243
8 Total Generating Public Entities	5834	5878	6301	7314	8195	8900	9100	8860	8119	7144	7123	6963	6285	6243
<i>-Non-Generating Public Entities-</i>														
9 Non-Generating Public Entities	5137	5142	4940	5442	5754	6086	6283	6227	5703	5281	5283	5312	5360	5442
10 Total Non-Generating Public Entities	5137	5142	4940	5442	5754	6086	6283	6227	5703	5281	5283	5312	5360	5442
<i>-Investor-Owned Entities-</i>														
11 Investor-Owned Entities	15599	15564	13997	14415	16092	17717	18191	17123	15560	14413	14427	14223	15214	15739
12 Total Investor-Owned Entities	15599	15564	13997	14415	16092	17717	18191	17123	15560	14413	14427	14223	15214	15739
<i>-Other Firm Loads-</i>														
13 Other PNW Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
14 Total Other Firm Loads	183	183	183	183	183	183	183	183	183	183	183	183	183	183
<i>- Total Regional Firm Loads-</i>														
15 Federal Entities	587	553	378	401	274	255	291	273	294	503	566	486	526	536
16 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
17 Public Entities	10971	11020	11241	12756	13949	14986	15383	15086	13822	12425	12405	12274	11645	11685
18 Investor-Owned Entities	15599	15564	13997	14415	16092	17717	18191	17123	15560	14413	14427	14223	15214	15739
19 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
20 Total Regional Firm Loads	27948	27928	26407	28363	31105	33749	34656	33273	30466	28132	28190	27774	28176	28751
<b>Non-Firm Loads</b>														
<i>-Investor-Owned Entities-</i>														
21 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
22 Total Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>- Total Regional Non-Firm Loads-</i>														
23 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
27 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total Regional Non-Firm Loads	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>- Total Regional Loads-</i>														
29 Federal Entities	587	553	378	401	274	255	291	273	294	503	566	486	526	536
30 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
31 Public Entities	10971	11020	11241	12756	13949	14986	15383	15086	13822	12425	12405	12274	11645	11685
32 Investor-Owned Entities	15624	15589	14036	14440	16117	17742	18220	17171	15639	14472	14486	14248	15239	15764
33 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
34 Total Regional Loads	27973	27953	26446	28388	31130	33774	34685	33321	30546	28191	28248	27799	28201	28776

Table A-1: Pacific Northwest Total Retail Loads  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Loads</b>														
<i>-Federal Entities-</i>														
1 Federal Entities	308	308	223	264	276	257	293	275	259	239	239	227	256	248
2 Total Federal Entities	308	308	223	264	276	257	293	275	259	239	239	227	256	248
<i>-U.S. Bureau of Reclamation-</i>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>-Direct Service Industry-</i>														
5 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
6 Total Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
<i>-Generating Public Entities-</i>														
7 Generating Public Entities	5883	5927	6354	7517	8336	9116	9213	9002	8191	7214	7193	7075	6423	6387
8 Total Generating Public Entities	5883	5927	6354	7517	8336	9116	9213	9002	8191	7214	7193	7075	6423	6387
<i>-Non-Generating Public Entities-</i>														
9 Non-Generating Public Entities	5249	5207	5002	5486	5778	6092	6340	6140	5627	5327	5327	5403	5378	5376
10 Total Non-Generating Public Entities	5249	5207	5002	5486	5778	6092	6340	6140	5627	5327	5327	5403	5378	5376
<i>-Investor-Owned Entities-</i>														
11 Investor-Owned Entities	15865	15831	14224	14616	16345	17991	18423	17353	15826	14644	14659	14517	15373	16017
12 Total Investor-Owned Entities	15865	15831	14224	14616	16345	17991	18423	17353	15826	14644	14659	14517	15373	16017
<i>-Other Firm Loads-</i>														
13 Other PNW Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
14 Total Other Firm Loads	183	183	183	183	183	183	183	183	183	183	183	183	183	183
<i>- Total Regional Firm Loads-</i>														
15 Federal Entities	589	555	380	403	276	257	293	275	296	505	568	487	528	538
16 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
17 Public Entities	11132	11135	11356	13003	14113	15208	15553	15142	13818	12541	12520	12478	11801	11764
18 Investor-Owned Entities	15865	15831	14224	14616	16345	17991	18423	17353	15826	14644	14659	14517	15373	16017
19 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
20 Total Regional Firm Loads	28377	28312	26751	28813	31525	34247	35060	33562	30731	28481	28538	28273	28493	29110
<b>Non-Firm Loads</b>														
<i>-Investor-Owned Entities-</i>														
21 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
22 Total Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>- Total Regional Non-Firm Loads-</i>														
23 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
27 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total Regional Non-Firm Loads	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>- Total Regional Loads-</i>														
29 Federal Entities	589	555	380	403	276	257	293	275	296	505	568	487	528	538
30 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
31 Public Entities	11132	11135	11356	13003	14113	15208	15553	15142	13818	12541	12520	12478	11801	11764
32 Investor-Owned Entities	15890	15856	14263	14641	16370	18016	18452	17401	15905	14703	14718	14542	15398	16042
33 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
34 Total Regional Loads	28402	28337	26790	28838	31550	34272	35089	33610	30810	28540	28597	28298	28518	29135

Table A-1: Pacific Northwest Total Retail Loads  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Loads</b>														
<b>-Federal Entities-</b>														
1 Federal Entities	310	310	225	264	276	258	295	277	261	241	241	229	258	250
2 Total Federal Entities	310	310	225	264	276	258	295	277	261	241	241	229	258	250
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
6 Total Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	6023	6067	6512	7587	8413	9203	9303	9094	8270	7285	7264	7143	6482	6445
8 Total Generating Public Entities	6023	6067	6512	7587	8413	9203	9303	9094	8270	7285	7264	7143	6482	6445
<b>-Non-Generating Public Entities-</b>														
9 Non-Generating Public Entities	5239	5300	5163	5670	5808	6111	6416	6192	5689	5331	5327	5326	5556	5542
10 Total Non-Generating Public Entities	5239	5300	5163	5670	5808	6111	6416	6192	5689	5331	5327	5326	5556	5542
<b>-Investor-Owned Entities-</b>														
11 Investor-Owned Entities	16147	16112	14463	14809	16543	18265	18671	17581	16040	14861	14877	14751	15647	16302
12 Total Investor-Owned Entities	16147	16112	14463	14809	16543	18265	18671	17581	16040	14861	14877	14751	15647	16302
<b>-Other Firm Loads-</b>														
13 Other PNW Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
14 Total Other Firm Loads	183	183	183	183	183	183	183	183	183	183	183	183	183	183
<b>- Total Regional Firm Loads-</b>														
15 Federal Entities	591	557	381	403	276	258	295	277	298	507	570	489	530	540
16 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
17 Public Entities	11262	11367	11675	13257	14221	15313	15719	15286	13959	12616	12591	12469	12038	11987
18 Investor-Owned Entities	16147	16112	14463	14809	16543	18265	18671	17581	16040	14861	14877	14751	15647	16302
19 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
20 Total Regional Firm Loads	28791	28827	27310	29260	31832	34627	35476	33936	31088	28775	28829	28500	29006	29620
<b>Non-Firm Loads</b>														
<b>-Investor-Owned Entities-</b>														
21 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
22 Total Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<b>- Total Regional Non-Firm Loads-</b>														
23 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
27 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total Regional Non-Firm Loads	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<b>- Total Regional Loads-</b>														
29 Federal Entities	591	557	381	403	276	258	295	277	298	507	570	489	530	540
30 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
31 Public Entities	11262	11367	11675	13257	14221	15313	15719	15286	13959	12616	12591	12469	12038	11987
32 Investor-Owned Entities	16172	16137	14502	14834	16568	18290	18700	17629	16119	14920	14936	14776	15672	16327
33 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
34 Total Regional Loads	28816	28852	27350	29285	31857	34652	35504	33984	31167	28833	28887	28525	29031	29645



Table A-1: Pacific Northwest Total Retail Loads  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Loads</b>														
<b>-Federal Entities-</b>														
1 Federal Entities	312	312	227	266	278	260	297	279	263	242	242	231	260	252
2 Total Federal Entities	312	312	227	266	278	260	297	279	263	242	242	231	260	252
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
6 Total Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	6078	6123	6574	7666	8502	9301	9394	9183	8350	7356	7335	7212	6542	6503
8 Total Generating Public Entities	6078	6123	6574	7666	8502	9301	9394	9183	8350	7356	7335	7212	6542	6503
<b>-Non-Generating Public Entities-</b>														
9 Non-Generating Public Entities	5302	5307	5098	5583	6034	6316	6450	6264	5761	5390	5390	5389	5513	5519
10 Total Non-Generating Public Entities	5302	5307	5098	5583	6034	6316	6450	6264	5761	5390	5390	5389	5513	5519
<b>-Investor-Owned Entities-</b>														
11 Investor-Owned Entities	16445	16409	14705	15022	16788	18557	18955	17832	16283	15089	15104	15006	15925	16598
12 Total Investor-Owned Entities	16445	16409	14705	15022	16788	18557	18955	17832	16283	15089	15104	15006	15925	16598
<b>-Other Firm Loads-</b>														
13 Other PNW Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
14 Total Other Firm Loads	183	183	183	183	183	183	183	183	183	183	183	183	183	183
<b>- Total Regional Firm Loads-</b>														
15 Federal Entities	593	559	383	405	278	260	297	280	300	509	572	491	532	542
16 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
17 Public Entities	11380	11430	11672	13249	14536	15616	15844	15447	14110	12746	12725	12601	12056	12022
18 Investor-Owned Entities	16445	16409	14705	15022	16788	18557	18955	17832	16283	15089	15104	15006	15925	16598
19 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
20 Total Regional Firm Loads	29209	29189	27552	29467	32393	35224	35887	34349	31484	29135	29191	28889	29303	29953
<b>Non-Firm Loads</b>														
<b>-Investor-Owned Entities-</b>														
21 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
22 Total Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<b>- Total Regional Non-Firm Loads-</b>														
23 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
27 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total Regional Non-Firm Loads	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<b>- Total Regional Loads-</b>														
29 Federal Entities	593	559	383	405	278	260	297	280	300	509	572	491	532	542
30 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
31 Public Entities	11380	11430	11672	13249	14536	15616	15844	15447	14110	12746	12725	12601	12056	12022
32 Investor-Owned Entities	16470	16434	14744	15047	16813	18582	18984	17880	16362	15148	15163	15031	15950	16623
33 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
34 Total Regional Loads	29234	29214	27591	29492	32418	35249	35916	34397	31564	29194	29250	28914	29328	29978

Table A-1: Pacific Northwest Total Retail Loads  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Firm Loads</b>														
<i>-Federal Entities-</i>														
1 Federal Entities	314	314	228	268	280	262	299	281	265	244	244	233	261	254
2 Total Federal Entities	314	314	228	268	280	262	299	281	265	244	244	233	261	254
<i>-U.S. Bureau of Reclamation-</i>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<i>-Direct Service Industry-</i>														
5 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
6 Total Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
<i>-Generating Public Entities-</i>														
7 Generating Public Entities	6133	6178	6633	7740	8585	9394	9487	9273	8430	7428	7406	7282	6602	6563
8 Total Generating Public Entities	6133	6178	6633	7740	8585	9394	9487	9273	8430	7428	7406	7282	6602	6563
<i>-Non-Generating Public Entities-</i>														
9 Non-Generating Public Entities	5429	5436	5132	5651	5941	6407	6637	6340	5824	5456	5455	5453	5578	5603
10 Total Non-Generating Public Entities	5429	5436	5132	5651	5941	6407	6637	6340	5824	5456	5455	5453	5578	5603
<i>-Investor-Owned Entities-</i>														
11 Investor-Owned Entities	17089	17053	15287	15555	17621	19396	19848	18734	17026	15736	15752	15588	16470	17215
12 Total Investor-Owned Entities	17089	17053	15287	15555	17621	19396	19848	18734	17026	15736	15752	15588	16470	17215
<i>-Other Firm Loads-</i>														
13 Other PNW Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
14 Total Other Firm Loads	183	183	183	183	183	183	183	183	183	183	183	183	183	183
<i>- Total Regional Firm Loads-</i>														
15 Federal Entities	595	561	385	407	280	262	299	281	302	511	574	493	534	544
16 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
17 Public Entities	11562	11614	11765	13391	14526	15801	16124	15612	14254	12884	12861	12734	12181	12166
18 Investor-Owned Entities	17089	17053	15287	15555	17621	19396	19848	18734	17026	15736	15752	15588	16470	17215
19 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
20 Total Regional Firm Loads	30036	30018	28228	30143	33218	36250	37062	35419	32373	29922	29977	29606	29975	30716
<b>Non-Firm Loads</b>														
<i>-Investor-Owned Entities-</i>														
21 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
22 Total Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>- Total Regional Non-Firm Loads-</i>														
23 Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Investor-Owned Entities	25	25	39	25	25	25	28	48	79	59	59	25	25	25
27 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total Regional Non-Firm Loads	25	25	39	25	25	25	28	48	79	59	59	25	25	25
<i>- Total Regional Loads-</i>														
29 Federal Entities	595	561	385	407	280	262	299	281	302	511	574	493	534	544
30 Direct Service Industry	608	608	608	608	608	608	608	608	608	608	608	608	608	608
31 Public Entities	11562	11614	11765	13391	14526	15801	16124	15612	14254	12884	12861	12734	12181	12166
32 Investor-Owned Entities	17114	17078	15327	15580	17646	19421	19876	18782	17106	15795	15811	15613	16495	17240
33 Other Entities	183	183	183	183	183	183	183	183	183	183	183	183	183	183
34 Total Regional Loads	30061	30043	28267	30168	33243	36275	37090	35467	32452	29981	30036	29631	30000	30741

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Table A-2  
Exports  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-2: Regional Exports  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Exports East of Continental Divide -</b>														
1 AVWP to PPLM PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2 BPA to Other Entities	107	107	101	122	127	143	139	139	129	104	104	99	100	112
<b>3 Total Exports to ECD</b>	<b>116</b>	<b>116</b>	<b>110</b>	<b>131</b>	<b>136</b>	<b>152</b>	<b>148</b>	<b>148</b>	<b>138</b>	<b>113</b>	<b>113</b>	<b>108</b>	<b>109</b>	<b>121</b>
<b>-Exports to Pacific Southwest-</b>														
4 BPA to BART PwrS	80	80	80	80	80	80	80	80	80	80	80	80	80	0
5 BPA to BURB C/N/X	18	18	18	18	9	9	9	9	9	9	9	18	18	18
6 BPA to GLEN C/N/X	20	20	20	20	10	10	10	10	10	10	10	20	20	20
7 BPA to MSR PwrS	150	150	150	0	0	0	0	0	0	0	0	0	0	0
8 BPA to Other Entities	175	175	175	210	210	210	210	210	210	210	210	210	210	210
9 BPA to PASA C/N/X	12	12	12	12	6	6	6	6	6	6	6	12	12	12
10 BPA to PASA C/N/X	15	15	15	0	0	0	0	0	0	0	0	0	0	15
11 BPA to PASA S/N/X	0	0	0	0	0	0	0	0	0	0	0	15	15	0
12 BPA to RVSD CapS	0	0	0	0	16	16	16	16	16	16	16	23	0	0
13 BPA to RVSD C/N/X	23	23	23	23	0	0	0	0	0	0	0	0	23	23
14 BPA to RVSD C/N/X	60	60	60	60	15	15	15	15	15	15	15	0	0	60
15 BPA to RVSD S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	60	60	0
16 PGE to GLEN PwrS	20	20	20	20	20	20	20	20	20	20	20	20	20	20
17 PGE to GLEN S/Pwr/X	30	30	30	0	0	0	0	0	0	0	0	0	0	30
18 PPL to SCE PwrS	200	200	200	200	200	200	200	200	200	200	200	200	200	200
19 PPL to SMUD PwrS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20 PSE to PGS S/Pwr/X	300	300	300	0	0	0	0	0	0	0	0	0	300	300
21 SCL to NCPA S/Pwr/X	60	60	60	29	0	0	0	0	0	0	0	0	60	60
22 SDGE to SDGE PwrS	87	87	87	87	87	87	87	87	87	87	87	0	87	87
23 SHPD to SMUD PwrS	36	36	36	26	26	26	26	26	26	26	26	26	33	33
24 TID to TID PwrS	59	59	59	59	59	59	59	59	59	59	59	0	59	59
25 BPA NW-SW Intertie Losses	17	17	17	13	10	10	10	10	10	10	10	13	13	11
<b>26 Total Exports To PSW</b>	<b>1462</b>	<b>1462</b>	<b>1462</b>	<b>957</b>	<b>848</b>	<b>848</b>	<b>848</b>	<b>848</b>	<b>848</b>	<b>848</b>	<b>848</b>	<b>797</b>	<b>1340</b>	<b>1258</b>
<b>-Exports to Inland Southwest-</b>														
27 BPA to SPP PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
28 LVFBR to WAPA PwrS	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>29 Total Exports To ISW</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>-Exports to Canada-</b>														
30 BPA to BCHP CanEnt	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218
<b>31 Total Exports To Canada</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>	<b>1218</b>
<b>-Exports to Other Entities-</b>														
<b>32 Total Exports To Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Exports-</b>														
33 Federal Entities	1970	1970	1964	1821	1746	1762	1759	1758	1748	1753	1753	1843	1844	1773
34 Public Entities	155	155	155	114	85	85	85	85	85	85	85	26	152	152
35 Investor-Owned Entities	746	746	746	416	416	416	416	416	416	416	416	329	746	746
36 Other Entities	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>37 Total Exports.</b>	<b>2916</b>	<b>2916</b>	<b>2910</b>	<b>2396</b>	<b>2292</b>	<b>2308</b>	<b>2305</b>	<b>2305</b>	<b>2294</b>	<b>2299</b>	<b>2299</b>	<b>2243</b>	<b>2787</b>	<b>2717</b>

Table A-2: Regional Exports  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Exports East of Continental Divide -</b>														
1 AVWP to PPLM PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2 BPA to Other Entities	111	111	104	127	131	148	144	144	133	107	107	102	103	115
<b>3 Total Exports to ECD</b>	<b>120</b>	<b>120</b>	<b>113</b>	<b>136</b>	<b>140</b>	<b>157</b>	<b>153</b>	<b>153</b>	<b>142</b>	<b>116</b>	<b>116</b>	<b>111</b>	<b>112</b>	<b>124</b>
<b>-Exports to Pacific Southwest-</b>														
4 BPA to BURB C/N/X	18	18	18	18	9	9	9	9	9	9	9	18	18	18
5 BPA to GLEN C/N/X	20	20	20	20	10	10	10	10	10	10	10	20	20	20
6 BPA to Other Entities	210	210	210	0	0	0	0	0	0	0	0	0	0	0
7 BPA to PASA C/N/X	12	12	12	12	6	6	6	6	6	6	6	12	12	12
8 BPA to PASA C/N/X	15	15	15	0	0	0	0	0	0	0	0	0	0	15
9 BPA to PASA S/N/X	0	0	0	0	0	0	0	0	0	0	0	15	15	0
10 BPA to RVSD CapS	0	0	0	0	16	16	16	16	16	16	16	23	0	0
11 BPA to RVSD C/N/X	23	23	23	23	0	0	0	0	0	0	0	0	23	23
12 BPA to RVSD C/N/X	60	60	60	60	15	15	15	15	15	15	15	0	0	60
13 BPA to RVSD S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	60	60	0
14 PGE to GLEN PwrS	20	20	20	20	20	20	20	20	20	20	20	20	20	20
15 PGE to GLEN S/Pwr/X	30	30	30	0	0	0	0	0	0	0	0	0	30	30
16 PPL to SCE PwrS	200	200	200	0	0	0	0	0	0	0	0	0	0	0
17 PPL to SMUD PwrS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18 PSE to PGS S/Pwr/X	300	300	300	0	0	0	0	0	0	0	0	0	300	300
19 SCL to NCPA S/Pwr/X	60	60	60	29	0	0	0	0	0	0	0	0	60	60
20 SDGE to SDGE PwrS	87	87	87	87	87	87	87	87	87	87	87	0	87	87
21 SHPD to SMUD PwrS	36	36	36	26	26	26	26	26	26	26	26	26	33	33
22 TID to TID PwrS	59	59	59	59	59	59	59	59	59	59	59	0	59	59
23 BPA NW-SW Intertie Losses	11	11	11	4.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	4.4	4.4	4.4
<b>24 Total Exports To PSW</b>	<b>1261</b>	<b>1261</b>	<b>1261</b>	<b>458</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>298</b>	<b>842</b>	<b>842</b>
<b>-Exports to Inland Southwest-</b>														
25 BPA to SPP PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
26 LVFBR to WAPA PwrS	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>27 Total Exports To ISW</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>-Exports to Canada-</b>														
28 BPA to BChP CanEnt	1244	1244	1244	1244	1244	1244	1244	1244	1244	1244	1244	1244	1244	1244
<b>29 Total Exports To Canada</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>	<b>1244</b>
<b>-Exports to Other Entities-</b>														
<b>30 Total Exports To Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Exports-</b>														
31 Federal Entities	1798	1798	1792	1553	1478	1495	1491	1491	1480	1484	1484	1574	1575	1587
32 Public Entities	155	155	155	114	85	85	85	85	85	85	85	26	152	152
33 Investor-Owned Entities	746	746	746	216	216	216	216	216	216	216	216	129	546	546
34 Other Entities	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>35 Total Exports.</b>	<b>2744</b>	<b>2744</b>	<b>2738</b>	<b>1928</b>	<b>1824</b>	<b>1841</b>	<b>1837</b>	<b>1837</b>	<b>1826</b>	<b>1830</b>	<b>1830</b>	<b>1774</b>	<b>2318</b>	<b>2330</b>

Table A-2: Regional Exports  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Exports East of Continental Divide -</b>														
1 AVWP to PPLM PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2 BPA to Other Entities	114	114	108	131	136	153	149	149	138	111	111	106	107	119
<b>3 Total Exports to ECD</b>	<b>123</b>	<b>123</b>	<b>117</b>	<b>140</b>	<b>145</b>	<b>162</b>	<b>158</b>	<b>158</b>	<b>147</b>	<b>120</b>	<b>120</b>	<b>115</b>	<b>116</b>	<b>128</b>
<b>-Exports to Pacific Southwest-</b>														
4 BPA to BURB C/N/X	18	18	18	18	9	9	9	9	9	9	0	0	0	0
5 BPA to GLEN C/N/X	20	20	20	20	10	10	10	10	10	10	0	0	0	0
6 BPA to PASA C/N/X	12	12	12	12	6	6	6	6	6	6	0	0	0	0
7 BPA to PASA C/N/X	15	15	15	0	0	0	0	0	0	0	0	0	0	15
8 BPA to PASA S/N/X	0	0	0	0	0	0	0	0	0	0	0	15	15	0
9 BPA to RVSD CapS	0	0	0	0	16	16	16	16	16	16	16	23	0	0
10 BPA to RVSD C/N/X	23	23	23	23	0	0	0	0	0	0	0	0	23	23
11 BPA to RVSD C/N/X	60	60	60	60	15	15	15	15	15	15	15	0	0	60
12 BPA to RVSD S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	60	60	0
13 PGE to GLEN PwrS	20	20	20	20	20	20	20	20	20	20	20	20	20	20
14 PGE to GLEN S/Pwr/X	30	30	30	0	0	0	0	0	0	0	0	0	30	30
15 PPL to SMUD PwrS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16 PSE to PGS S/Pwr/X	300	300	300	0	0	0	0	0	0	0	0	0	0	0
17 SCL to NCPA S/Pwr/X	60	60	60	29	0	0	0	0	0	0	0	0	60	60
18 SDGE to SDGE PwrS	87	87	87	87	87	87	87	87	87	87	87	0	87	87
19 SHPD to SMUD PwrS	36	36	36	0	0	0	0	0	0	0	0	0	0	0
20 TID to TID PwrS	59	59	59	59	59	59	59	59	59	59	59	0	59	59
21 BPA NW-SW Intertie Losses	4.4	4.4	4.4	4.0	1.7	1.7	1.7	1.7	1.7	1.7	0.9	2.9	2.9	2.9
<b>22 Total Exports To PSW</b>	<b>845</b>	<b>845</b>	<b>845</b>	<b>432</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>298</b>	<b>221</b>	<b>457</b>	<b>457</b>
<b>-Exports to Inland Southwest-</b>														
23 BPA to SPP PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
24 LVFBR to WAPA PwrS	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>25 Total Exports To ISW</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>-Exports to Canada-</b>														
26 BPA to BCHP CanEnt	1241	1241	1241	1241	1241	1241	1241	1241	1241	1241	1241	1241	1241	1241
<b>27 Total Exports To Canada</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>	<b>1241</b>
<b>-Exports to Other Entities-</b>														
<b>28 Total Exports To Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Exports-</b>														
29 Federal Entities	1583	1583	1576	1554	1479	1497	1493	1493	1482	1485	1459	1523	1524	1536
30 Public Entities	155	155	155	88	59	59	59	59	59	59	59	0	119	119
31 Investor-Owned Entities	546	546	546	216	216	216	216	216	216	216	216	129	246	246
32 Other Entities	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>33 Total Exports.</b>	<b>2329</b>	<b>2329</b>	<b>2323</b>	<b>1903</b>	<b>1799</b>	<b>1817</b>	<b>1813</b>	<b>1813</b>	<b>1802</b>	<b>1805</b>	<b>1779</b>	<b>1697</b>	<b>1934</b>	<b>1946</b>

Table A-2: Regional Exports  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Exports East of Continental Divide -</b>														
1 AVWP to PPLM PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2 BPA to Other Entities	118	118	112	78	80	91	88	88	82	66	66	63	64	72
<b>3 Total Exports to ECD</b>	<b>127</b>	<b>127</b>	<b>121</b>	<b>87</b>	<b>89</b>	<b>100</b>	<b>97</b>	<b>97</b>	<b>91</b>	<b>75</b>	<b>75</b>	<b>72</b>	<b>73</b>	<b>81</b>
<b>-Exports to Pacific Southwest-</b>														
4 BPA to PASA C/N/X	15	15	15	0	0	0	0	0	0	0	0	0	0	15
5 BPA to PASA S/N/X	0	0	0	0	0	0	0	0	0	0	0	15	15	0
6 BPA to RVSD CapS	0	0	0	0	16	16	16	16	16	16	16	23	0	0
7 BPA to RVSD C/N/X	23	23	23	23	0	0	0	0	0	0	0	0	23	23
8 BPA to RVSD C/N/X	60	60	60	60	15	15	15	15	15	15	15	0	0	60
9 BPA to RVSD S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	60	60	0
10 PGE to GLEN PwrS	20	20	20	20	20	20	20	20	20	20	20	20	20	20
11 PGE to GLEN S/Pwr/X	30	30	30	0	0	0	0	0	0	0	0	0	30	30
12 PPL to SMUD PwrS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
13 SCL to NCPA S/Pwr/X	60	60	60	29	0	0	0	0	0	0	0	0	60	60
14 SDGE to SDGE PwrS	87	87	87	87	87	87	87	87	87	87	87	0	87	87
15 TID to TID PwrS	59	59	59	59	59	59	59	59	59	59	59	0	59	59
16 BPA NW-SW Intertie Losses	2.9	2.9	2.9	2.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	2.9	2.9	2.9
<b>17 Total Exports To PSW</b>	<b>457</b>	<b>457</b>	<b>457</b>	<b>381</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>221</b>	<b>457</b>	<b>457</b>
<b>-Exports to Inland Southwest-</b>														
18 BPA to SPP PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
19 LVFBR to WAPA PwrS	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>20 Total Exports To ISW</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>-Exports to Canada-</b>														
21 BPA to BCHP CanEnt	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245
<b>22 Total Exports To Canada</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>	<b>1245</b>
<b>-Exports to Other Entities-</b>														
<b>23 Total Exports To Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Exports-</b>														
24 Federal Entities	1539	1539	1533	1453	1402	1412	1410	1410	1404	1418	1418	1484	1485	1493
25 Public Entities	119	119	119	88	59	59	59	59	59	59	59	0	119	119
26 Investor-Owned Entities	246	246	246	216	216	216	216	216	216	216	216	129	246	246
27 Other Entities	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>28 Total Exports.</b>	<b>1949</b>	<b>1949</b>	<b>1943</b>	<b>1802</b>	<b>1722</b>	<b>1733</b>	<b>1730</b>	<b>1730</b>	<b>1724</b>	<b>1738</b>	<b>1738</b>	<b>1658</b>	<b>1895</b>	<b>1903</b>



Table A-2: Regional Exports  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Exports East of Continental Divide -</b>														
1 AVWP to PPLM PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2 BPA to Other Entities	71	71	67	72	75	84	81	82	76	61	61	59	59	67
<b>3 Total Exports to ECD</b>	<b>80</b>	<b>80</b>	<b>76</b>	<b>81</b>	<b>84</b>	<b>93</b>	<b>90</b>	<b>91</b>	<b>85</b>	<b>70</b>	<b>70</b>	<b>68</b>	<b>68</b>	<b>76</b>
<b>-Exports to Pacific Southwest-</b>														
4 BPA to PASA C/N/X	15	15	15	0	0	0	0	0	0	0	0	0	0	15
5 BPA to PASA S/N/X	0	0	0	0	0	0	0	0	0	0	0	15	15	0
6 BPA to RVSD CapS	0	0	0	0	16	16	16	16	16	16	16	23	0	0
7 BPA to RVSD C/N/X	23	23	23	23	0	0	0	0	0	0	0	0	0	0
8 BPA to RVSD C/N/X	60	60	60	60	15	15	15	15	15	15	15	0	0	60
9 BPA to RVSD S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	60	60	0
10 PGE to GLEN PwrS	20	20	20	20	20	20	20	20	20	20	20	20	20	20
11 PGE to GLEN S/Pwr/X	30	30	30	0	0	0	0	0	0	0	0	0	30	30
12 PPL to SMUD PwrS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
13 SCL to NCPA S/Pwr/X	60	60	60	29	0	0	0	0	0	0	0	0	60	60
14 SDGE to SDGE PwrS	87	87	87	87	87	87	87	87	87	87	87	0	87	87
15 TID to TID PwrS	59	59	59	59	59	59	59	59	59	59	59	0	59	59
16 BPA NW-SW Intertie Losses	2.9	2.9	2.9	2.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	2.9	2.3	2.3
<b>17 Total Exports To PSW</b>	<b>457</b>	<b>457</b>	<b>457</b>	<b>381</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>221</b>	<b>433</b>	<b>433</b>
<b>-Exports to Inland Southwest-</b>														
18 BPA to SPP PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
19 LVFBR to WAPA PwrS	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>20 Total Exports To ISW</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>-Exports to Canada-</b>														
21 BPA to BCHP CanEnt	1352	1352	1352	1352	1352	1352	1352	1352	1352	1352	1352	1352	1352	1352
<b>22 Total Exports To Canada</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>	<b>1352</b>
<b>-Exports to Other Entities-</b>														
<b>23 Total Exports To Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Exports-</b>														
24 Federal Entities	1599	1599	1595	1555	1504	1513	1510	1511	1505	1520	1520	1587	1564	1571
25 Public Entities	119	119	119	88	59	59	59	59	59	59	59	0	119	119
26 Investor-Owned Entities	246	246	246	216	216	216	216	216	216	216	216	129	246	246
27 Other Entities	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>28 Total Exports.</b>	<b>2009</b>	<b>2009</b>	<b>2005</b>	<b>1904</b>	<b>1824</b>	<b>1833</b>	<b>1830</b>	<b>1831</b>	<b>1825</b>	<b>1840</b>	<b>1840</b>	<b>1761</b>	<b>1974</b>	<b>1981</b>

Table A-2: Regional Exports  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Exports East of Continental Divide -</b>														
1 AVWP to PPLM PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2 BPA to Other Entities	66	66	62	83	86	97	95	95	88	71	71	68	68	77
<b>3 Total Exports to ECD</b>	<b>75</b>	<b>75</b>	<b>71</b>	<b>92</b>	<b>95</b>	<b>106</b>	<b>104</b>	<b>104</b>	<b>97</b>	<b>80</b>	<b>80</b>	<b>77</b>	<b>77</b>	<b>86</b>
<b>-Exports to Pacific Southwest-</b>														
4 BPA to PASA C/N/X	15	15	15	0	0	0	0	0	0	0	0	0	0	15
5 BPA to PASA S/N/X	0	0	0	0	0	0	0	0	0	0	0	15	15	0
6 BPA to RVSD C/N/X	60	60	60	60	15	15	15	15	15	15	15	0	0	60
7 BPA to RVSD S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	60	60	0
8 PGE to GLEN PwrS	20	20	20	20	20	20	20	20	20	20	20	20	20	20
9 PGE to GLEN S/Pwr/X	30	30	30	0	0	0	0	0	0	0	0	0	30	30
10 PPL to SMUD PwrS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11 SCL to NCPA S/Pwr/X	60	60	60	29	0	0	0	0	0	0	0	0	60	60
12 SDGE to SDGE PwrS	87	87	87	87	87	87	87	87	87	87	87	0	87	87
13 TID to TID PwrS	59	59	59	59	59	59	59	59	59	59	59	0	59	59
14 BPA NW-SW Intertie Losses	2.3	2.3	2.3	1.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.3	2.3	2.3
<b>15 Total Exports To PSW</b>	<b>433</b>	<b>433</b>	<b>433</b>	<b>357</b>	<b>282</b>	<b>282</b>	<b>282</b>	<b>282</b>	<b>282</b>	<b>282</b>	<b>282</b>	<b>197</b>	<b>433</b>	<b>433</b>
<b>-Exports to Inland Southwest-</b>														
16 BPA to SPP PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
17 LVFBR to WAPA PwrS	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>18 Total Exports To ISW</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>-Exports to Canada-</b>														
19 BPA to BCHP CanEnt	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350
<b>20 Total Exports To Canada</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>
<b>-Exports to Other Entities-</b>														
<b>21 Total Exports To Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Exports-</b>														
22 Federal Entities	1568	1568	1564	1540	1497	1508	1505	1505	1498	1511	1511	1570	1571	1579
23 Public Entities	119	119	119	88	59	59	59	59	59	59	59	0	119	119
24 Investor-Owned Entities	246	246	246	216	216	216	216	216	216	216	216	129	246	246
25 Other Entities	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>26 Total Exports.</b>	<b>1978</b>	<b>1978</b>	<b>1974</b>	<b>1889</b>	<b>1817</b>	<b>1828</b>	<b>1825</b>	<b>1825</b>	<b>1818</b>	<b>1831</b>	<b>1831</b>	<b>1744</b>	<b>1981</b>	<b>1989</b>

Table A-2: Regional Exports  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Exports East of Continental Divide -</b>														
1 AVWP to PPLM PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2 BPA to Other Entities	76	76	71	7.2	7.1	7.8	6.5	6.9	6.8	5.8	5.8	6.8	7.2	8.3
<b>3 Total Exports to ECD</b>	<b>85</b>	<b>85</b>	<b>80</b>	<b>16</b>	<b>16</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>16</b>	<b>17</b>
<b>-Exports to Pacific Southwest-</b>														
4 BPA to PASA C/N/X	15	15	15	0	0	0	0	0	0	0	0	0	0	15
5 BPA to PASA S/N/X	0	0	0	0	0	0	0	0	0	0	0	15	15	0
6 BPA to RVSD C/N/X	60	60	60	60	15	15	15	15	15	15	15	0	0	60
7 BPA to RVSD S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	60	60	0
8 PGE to GLEN PwrS	20	20	20	20	20	20	20	20	20	20	20	20	20	20
9 PGE to GLEN S/Pwr/X	30	30	30	0	0	0	0	0	0	0	0	0	0	0
10 PPL to SMUD PwrS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11 SCL to NCPA S/Pwr/X	60	60	60	29	0	0	0	0	0	0	0	0	60	60
12 SDGE to SDGE PwrS	87	87	87	87	87	87	87	87	87	87	87	0	87	87
13 TID to TID PwrS	59	59	59	59	59	59	59	59	59	59	59	0	59	59
14 BPA NW-SW Intertie Losses	2.3	2.3	2.3	1.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.3	2.3	2.3
<b>15 Total Exports To PSW</b>	<b>433</b>	<b>433</b>	<b>433</b>	<b>357</b>	<b>282</b>	<b>282</b>	<b>282</b>	<b>282</b>	<b>282</b>	<b>282</b>	<b>282</b>	<b>197</b>	<b>403</b>	<b>403</b>
<b>-Exports to Inland Southwest-</b>														
16 BPA to SPP PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
17 LVFBR to WAPA PwrS	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>18 Total Exports To ISW</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>-Exports to Canada-</b>														
19 BPA to BCHP CanEnt	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350
<b>20 Total Exports To Canada</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>
<b>-Exports to Other Entities-</b>														
<b>21 Total Exports To Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Exports-</b>														
22 Federal Entities	1578	1578	1574	1464	1418	1418	1417	1417	1417	1446	1446	1509	1509	1511
23 Public Entities	119	119	119	88	59	59	59	59	59	59	59	0	119	119
24 Investor-Owned Entities	246	246	246	216	216	216	216	216	216	216	216	129	216	216
25 Other Entities	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>26 Total Exports.</b>	<b>1988</b>	<b>1988</b>	<b>1984</b>	<b>1813</b>	<b>1738</b>	<b>1738</b>	<b>1737</b>	<b>1737</b>	<b>1737</b>	<b>1766</b>	<b>1766</b>	<b>1683</b>	<b>1890</b>	<b>1891</b>

Table A-2: Regional Exports  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Exports East of Continental Divide -</b>														
1 AVWP to PPLM PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2 BPA to Other Entities	8.6	8.6	7.2	7.2	7.1	7.8	6.3	6.7	6.5	5.6	5.6	6.5	6.9	8.1
<b>3 Total Exports to ECD</b>	<b>18</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>17</b>	<b>15</b>	<b>16</b>	<b>16</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>16</b>	<b>17</b>
<b>-Exports to Pacific Southwest-</b>														
4 BPA to PASA C/N/X	15	15	15	0	0	0	0	0	0	0	0	0	0	15
5 BPA to PASA S/N/X	0	0	0	0	0	0	0	0	0	0	0	15	15	0
6 BPA to RVSD C/N/X	60	60	60	60	15	15	15	15	15	15	15	0	0	60
7 BPA to RVSD S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	60	60	0
8 PGE to GLEN PwrS	20	20	20	0	0	0	0	0	0	0	0	0	0	0
9 PGE to GLEN S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PPL to SMUD PwrS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11 SCL to NCPA S/Pwr/X	60	60	60	29	0	0	0	0	0	0	0	0	60	60
12 SDGE to SDGE PwrS	87	87	87	87	87	87	87	87	87	87	87	0	87	87
13 TID to TID PwrS	59	59	59	59	59	59	59	59	59	59	59	0	59	59
14 BPA NW-SW Intertie Losses	2.3	2.3	2.3	1.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.3	2.3	2.3
<b>15 Total Exports To PSW</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>337</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>177</b>	<b>383</b>	<b>383</b>
<b>-Exports to Inland Southwest-</b>														
16 BPA to SPP PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
17 LVFBR to WAPA PwrS	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>18 Total Exports To ISW</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>-Exports to Canada-</b>														
19 BPA to BCHP CanEnt	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350
<b>20 Total Exports To Canada</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>
<b>-Exports to Other Entities-</b>														
<b>21 Total Exports To Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Exports-</b>														
22 Federal Entities	1511	1511	1509	1464	1418	1418	1417	1417	1417	1446	1446	1509	1509	1510
23 Public Entities	119	119	119	88	59	59	59	59	59	59	59	0	119	119
24 Investor-Owned Entities	216	216	216	196	196	196	196	196	196	196	196	109	196	196
25 Other Entities	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>26 Total Exports.</b>	<b>1891</b>	<b>1891</b>	<b>1890</b>	<b>1793</b>	<b>1718</b>	<b>1718</b>	<b>1717</b>	<b>1717</b>	<b>1717</b>	<b>1746</b>	<b>1746</b>	<b>1663</b>	<b>1869</b>	<b>1870</b>

Table A-2: Regional Exports  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Exports East of Continental Divide -</b>														
1 AVWP to PPLM PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2 BPA to Other Entities	8.3	8.3	6.9	6.9	6.8	7.5	6	6.4	6.3	5.4	5.4	6.3	6.7	7.8
<b>3 Total Exports to ECD</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>14</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>
<b>-Exports to Pacific Southwest-</b>														
4 BPA to PASA C/N/X	15	15	15	0	0	0	0	0	0	0	0	0	0	15
5 BPA to PASA S/N/X	0	0	0	0	0	0	0	0	0	0	0	15	15	0
6 BPA to RVSD C/N/X	60	60	60	60	15	15	15	15	15	15	15	0	0	60
7 BPA to RVSD S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	60	60	0
8 PPL to SMUD PwrS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9 SCL to NCPA S/Pwr/X	60	60	60	29	0	0	0	0	0	0	0	0	60	60
10 SDGE to SDGE PwrS	87	87	87	87	87	87	87	87	87	87	87	0	87	87
11 TID to TID PwrS	59	59	59	59	59	59	59	59	59	59	59	0	59	59
12 BPA NW-SW Intertie Losses	2.3	2.3	2.3	1.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.3	2.3	2.3
<b>13 Total Exports To PSW</b>	<b>383</b>	<b>383</b>	<b>383</b>	<b>337</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>177</b>	<b>383</b>	<b>383</b>
<b>-Exports to Inland Southwest-</b>														
14 BPA to SPP PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
15 LVFBR to WAPA PwrS	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>16 Total Exports To ISW</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>-Exports to Canada-</b>														
17 BPA to BCHP CanEnt	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350
<b>18 Total Exports To Canada</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>
<b>-Exports to Other Entities-</b>														
<b>19 Total Exports To Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Exports-</b>														
20 Federal Entities	1511	1511	1509	1464	1417	1418	1416	1417	1417	1446	1446	1509	1509	1510
21 Public Entities	119	119	119	88	59	59	59	59	59	59	59	0	119	119
22 Investor-Owned Entities	196	196	196	196	196	196	196	196	196	196	196	109	196	196
23 Other Entities	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>24 Total Exports.</b>	<b>1871</b>	<b>1871</b>	<b>1869</b>	<b>1793</b>	<b>1717</b>	<b>1718</b>	<b>1717</b>	<b>1717</b>	<b>1717</b>	<b>1746</b>	<b>1746</b>	<b>1663</b>	<b>1869</b>	<b>1870</b>

Table A-2: Regional Exports  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Exports East of Continental Divide -</b>														
1 AVWP to PPLM PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2 BPA to Other Entities	8	8	6.7	6.7	6.6	7.3	5.8	6.2	6.1	5.2	5.2	6.1	6.4	7.5
<b>3 Total Exports to ECD</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>14</b>	<b>14</b>	<b>15</b>	<b>15</b>	<b>16</b>
<b>-Exports to Pacific Southwest-</b>														
4 BPA to PASA C/N/X	15	15	15	0	0	0	0	0	0	0	0	0	0	0
5 BPA to PASA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA to RVSD C/N/X	60	60	60	60	15	15	15	15	15	15	15	0	0	60
7 BPA to RVSD S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	60	60	0
8 PPL to SMUD PwrS	100	100	100	100	100	100	0	0	0	0	0	0	0	0
9 SCL to NCPA S/Pwr/X	60	60	60	29	0	0	0	0	0	0	0	0	60	60
10 SDGE to SDGE PwrS	87	87	87	87	87	87	87	87	87	87	87	0	87	87
11 TID to TID PwrS	59	59	59	59	59	59	59	59	59	59	59	0	59	59
12 BPA NW-SW Intertie Losses	2.3	2.3	2.3	1.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.8	1.8	1.8
<b>13 Total Exports To PSW</b>	<b>383</b>	<b>383</b>	<b>383</b>	<b>337</b>	<b>262</b>	<b>262</b>	<b>162</b>	<b>162</b>	<b>162</b>	<b>162</b>	<b>162</b>	<b>62</b>	<b>268</b>	<b>268</b>
<b>-Exports to Inland Southwest-</b>														
14 BPA to SPP PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
15 LVFBR to WAPA PwrS	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>16 Total Exports To ISW</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>-Exports to Canada-</b>														
17 BPA to BCHP CanEnt	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350
<b>18 Total Exports To Canada</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>	<b>1350</b>
<b>-Exports to Other Entities-</b>														
<b>19 Total Exports To Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Exports-</b>														
20 Federal Entities	1510	1510	1509	1464	1417	1418	1416	1417	1417	1446	1446	1493	1493	1494
21 Public Entities	119	119	119	88	59	59	59	59	59	59	59	0	119	119
22 Investor-Owned Entities	196	196	196	196	196	196	96	96	96	96	96	9	96	96
23 Other Entities	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<b>24 Total Exports.</b>	<b>1870</b>	<b>1870</b>	<b>1869</b>	<b>1793</b>	<b>1717</b>	<b>1718</b>	<b>1616</b>	<b>1617</b>	<b>1617</b>	<b>1646</b>	<b>1646</b>	<b>1547</b>	<b>1753</b>	<b>1754</b>

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Table A-3  
Regulated Hydro Projects  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System



Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Regulated Hydro Projects-</i>														
1 Albeni Falls	50	50	50	33	22	22	23	23	22	22	16	28	45	50
2 Alder	52	52	52	52	51	52	45	32	28	30	37	46	50	51
3 Bonneville	1039	1039	1039	1039	1039	1047	1047	1047	1039	1039	1039	1039	1039	1039
4 Boundary	845	845	845	845	845	845	845	845	845	845	845	883	1003	845
5 Box Canyon	83	83	82	79	82	82	82	83	82	82	80	78	78	80
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8 Chelan	58	58	58	57	57	56	55	54	54	53	53	54	56	58
9 Chief Joseph	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
10 Cushman 1	33	23	46	18	42	36	29	20	11	12	24	13	28	14
11 Cushman 2	24	6.9	88	1	88	88	88	88	3.6	2	88	1.3	88	0.3
12 Diablo	172	172	172	172	172	172	15	149	172	172	172	172	172	172
13 Dworshak	447	446	445	445	445	445	444	442	442	445	446	448	450	449
14 Faraday	43	43	43	43	43	43	43	43	43	43	43	43	43	43
15 Gorge	182	182	182	182	182	182	27	182	182	182	182	182	182	182
16 Grand Coulee	6261	6156	6261	6370	6611	6364	6534	6640	6332	5598	5408	5775	6329	6370
17 Hells Canyon	367	414	385	396	253	241	376	216	370	450	450	450	288	450
18 Hungry Horse	401	398	394	387	379	371	361	351	341	334	278	291	302	404
19 Ice Harbor	693	627	693	693	693	693	693	693	693	693	693	693	693	693
20 John Day	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
21 La Grande	64	64	64	64	64	64	64	64	64	64	64	64	64	64
22 Libby	596	590	587	585	582	576	566	553	541	533	533	570	583	593
23 Little Falls	34	34	34	34	34	34	34	34	34	34	30	30	34	34
24 Little Goose	884	884	922	928	928	928	928	928	928	922	884	884	884	884
25 Long Lake	72	72	72	72	72	68	64	64	64	69	72	72	72	72
26 Lower Baker	71	71	71	71	71	71	62	50	50	50	50	13	67	71
27 Lower Granite	912	912	912	912	918	930	930	930	930	918	912	912	912	912
28 Lower Monumental	907	907	915	922	922	922	922	922	922	915	907	907	907	907
29 Mayfield	168	168	168	168	168	168	168	168	168	168	167	159	168	125
30 McNary	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
31 Merwin	148	148	148	144	140	144	128	113	113	113	113	113	130	147
32 Monroe Street	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33 Mossyrock	384	384	384	384	361	351	286	174	172	209	207	0	370	384
34 Nine Mile	26	26	26	26	26	26	26	26	26	25	23	22	24	26
35 North Fork	54	54	54	54	54	54	54	54	54	54	54	54	54	54
36 Noxon	554	554	554	554	554	554	549	544	544	544	544	549	549	549
37 Oak Grove	45	45	45	45	45	45	45	45	45	45	45	45	45	45
38 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
39 Pelton	108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 Post Falls	16	16	16	16	16	16	16	16	16	15	14	14	15	16
41 Priest Rapids	897	897	897	897	897	897	896	896	896	896	896	896	896	896
42 River Mill	23	23	23	23	23	23	23	23	23	23	23	23	23	23
43 Rock Island PH#1	162	173	176	176	173	173	176	176	176	176	176	176	168	171
44 Rock Island PH#2	402	394	395	393	395	394	394	394	394	394	394	394	398	396
45 Rocky Reach	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
46 Ross	450	397	445	331	421	390	0	169	374	363	360	388	431	450
47 Round Butte	300	300	300	300	300	300	300	300	300	300	300	300	300	300
48 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
49 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
50 The Dalles	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
51 Upper Baker	101	101	101	100	96	91	86	79	80	80	80	3.1	103	101
52 Upper Falls	10	10	10	10	10	10	10	10	10	9.5	8.6	8.3	9.3	10
53 Wanapum	910	910	910	910	910	910	910	910	910	910	910	910	910	910
54 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
55 White	64	64	64	64	59	64	61	43	43	47	53	62	64	64
56 Yale	133	133	131	132	133	132	116	94	94	106	106	0	132	132
<b>Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30373</b>	<b>30519</b>	<b>30473</b>	<b>29832</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31179</b>

Continued

Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Total Regulated Hydro w/Enc.-</i>														
<i>57 Federal System</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>58 Public Entities</i>	4375	4296	4442	4215	4406	4350	3691	4009	4139	4168	4255	4033	4699	4433
<i>59 Investor-Owned Entities</i>	5864	5909	5862	5886	5631	5585	5529	5274	5436	5539	5515	5357	5556	5739
<i>60 Other Entities</i>	434	434	433	433	487	487	487	487	487	487	487	487	487	487
<b>61 Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30373</b>	<b>30519</b>	<b>30473</b>	<b>29832</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31179</b>

Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Regulated Hydro Projects-</i>														
1 Albeni Falls	50	50	50	33	22	22	23	23	22	22	16	28	45	50
2 Alder	52	52	52	52	51	52	45	32	28	30	37	46	50	51
3 Bonneville	1039	1039	1039	1039	1039	1047	1047	1047	1039	1039	1039	1039	1039	1039
4 Boundary	845	845	845	845	845	845	845	845	845	845	845	883	1003	845
5 Box Canyon	83	83	82	79	82	82	82	83	82	82	80	78	78	80
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8 Chelan	58	58	58	57	57	56	55	54	54	53	53	54	56	58
9 Chief Joseph	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
10 Cushman 1	33	23	46	18	42	36	29	20	11	12	24	13	28	14
11 Cushman 2	24	6.9	88	1	88	88	88	88	3.6	2	88	1.3	88	0.3
12 Diablo	172	172	172	172	172	172	15	149	172	172	172	172	172	172
13 Dworshak	447	446	445	445	445	445	444	442	442	445	446	448	450	449
14 Faraday	43	43	43	43	43	43	43	43	43	43	43	43	43	43
15 Gorge	182	182	182	182	182	182	27	182	182	182	182	182	182	182
16 Grand Coulee	6261	6156	6261	6370	6611	6364	6534	6640	6332	5598	5408	5775	6329	6370
17 Hells Canyon	367	414	385	396	253	241	376	216	370	450	450	450	288	450
18 Hungry Horse	401	398	394	387	379	371	361	351	341	334	278	291	302	404
19 Ice Harbor	693	627	693	693	693	693	693	693	693	693	693	693	693	693
20 John Day	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
21 La Grande	64	64	64	64	64	64	64	64	64	64	64	64	64	64
22 Libby	596	590	587	585	582	576	566	553	541	533	533	570	583	593
23 Little Falls	34	34	34	34	34	34	34	34	34	34	30	30	34	34
24 Little Goose	884	884	922	928	928	928	928	928	928	922	884	884	884	884
25 Long Lake	72	72	72	72	72	68	64	64	64	69	72	72	72	72
26 Lower Baker	71	71	71	71	71	71	62	50	50	50	50	13	67	71
27 Lower Granite	912	912	912	912	918	930	930	930	930	918	912	912	912	912
28 Lower Monumental	907	907	915	922	922	922	922	922	922	915	907	907	907	907
29 Mayfield	168	168	168	168	168	168	168	168	168	168	167	159	168	125
30 McNary	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
31 Merwin	148	148	148	144	140	144	128	113	113	113	113	113	130	147
32 Monroe Street	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33 Mossyrock	384	384	384	384	361	351	286	174	172	209	207	0	370	384
34 Nine Mile	26	26	26	26	26	26	26	26	26	25	23	22	24	26
35 North Fork	54	54	54	54	54	54	54	54	54	54	54	54	54	54
36 Noxon	554	554	554	554	554	554	549	544	544	544	544	549	549	549
37 Oak Grove	45	45	45	45	45	45	45	45	45	45	45	45	45	45
38 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
39 Pelton	108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 Post Falls	16	16	16	16	16	16	16	16	16	15	14	14	15	16
41 Priest Rapids	896	896	896	896	896	896	896	896	896	896	896	896	896	896
42 River Mill	23	23	23	23	23	23	23	23	23	23	23	23	23	23
43 Rock Island PH#1	162	173	176	176	173	173	176	176	176	176	176	176	168	171
44 Rock Island PH#2	402	394	395	393	395	394	394	394	394	394	394	394	398	396
45 Rocky Reach	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
46 Ross	450	397	445	331	421	390	0	169	374	363	360	388	431	450
47 Round Butte	300	300	300	300	300	300	300	300	300	300	300	300	300	300
48 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
49 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
50 The Dalles	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
51 Upper Baker	101	101	101	100	96	91	86	79	80	80	80	3.1	103	101
52 Upper Falls	10	10	10	10	10	10	10	10	10	9.5	8.6	8.3	9.3	10
53 Wanapum	910	910	910	910	910	910	910	910	910	910	910	910	910	910
54 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
55 White	64	64	64	64	59	64	61	43	43	47	53	62	64	64
56 Yale	133	133	131	132	133	132	116	94	94	106	106	0	132	132
<b>Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30373</b>	<b>30519</b>	<b>30473</b>	<b>29832</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31179</b>

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Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Total Regulated Hydro w/Enc.-</i>														
<i>57 Federal System</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>58 Public Entities</i>	4522	4443	4589	4362	4531	4474	3691	4009	4139	4168	4255	4033	4699	4433
<i>59 Investor-Owned Entities</i>	5663	5708	5661	5685	5506	5461	5529	5274	5436	5539	5515	5357	5556	5739
<i>60 Other Entities</i>	488	487	487	487	487	487	487	487	487	487	487	487	487	487
<b>61 Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30373</b>	<b>30519</b>	<b>30473</b>	<b>29832</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31179</b>

Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Regulated Hydro Projects-</i>														
1 Albeni Falls	50	50	50	33	22	22	23	23	22	22	16	28	45	50
2 Alder	52	52	52	52	51	52	45	32	28	30	37	46	50	51
3 Bonneville	1039	1039	1039	1039	1039	1047	1047	1047	1039	1039	1039	1039	1039	1039
4 Boundary	845	845	845	845	845	845	845	845	845	845	845	883	1003	845
5 Box Canyon	83	83	82	79	82	82	82	83	82	82	80	78	78	80
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8 Chelan	58	58	58	57	57	56	55	54	54	53	53	54	56	58
9 Chief Joseph	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
10 Cushman 1	33	23	46	18	42	36	29	20	11	12	24	13	28	14
11 Cushman 2	24	6.9	88	1	88	88	88	88	3.6	2	88	1.3	88	0.3
12 Diablo	172	172	172	172	172	172	15	149	172	172	172	172	172	172
13 Dworshak	447	446	445	445	445	445	444	442	442	445	446	448	450	449
14 Faraday	43	43	43	43	43	43	43	43	43	43	43	43	43	43
15 Gorge	182	182	182	182	182	182	27	182	182	182	182	182	182	182
16 Grand Coulee	6261	6156	6261	6370	6611	6364	6534	6640	6332	5598	5408	5775	6329	6370
17 Hells Canyon	367	414	385	396	253	241	376	216	370	450	450	450	288	450
18 Hungry Horse	401	398	394	387	379	371	361	351	341	334	278	291	302	404
19 Ice Harbor	693	627	693	693	693	693	693	693	693	693	693	693	693	693
20 John Day	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
21 La Grande	64	64	64	64	64	64	64	64	64	64	64	64	64	64
22 Libby	596	590	587	585	582	576	566	553	541	533	533	570	583	593
23 Little Falls	34	34	34	34	34	34	34	34	34	34	30	30	34	34
24 Little Goose	884	884	922	928	928	928	928	928	928	922	884	884	884	884
25 Long Lake	72	72	72	72	72	68	64	64	64	69	72	72	72	72
26 Lower Baker	71	71	71	71	71	71	62	50	50	50	50	13	67	71
27 Lower Granite	912	912	912	912	918	930	930	930	930	918	912	912	912	912
28 Lower Monumental	907	907	915	922	922	922	922	922	922	915	907	907	907	907
29 Mayfield	168	168	168	168	168	168	168	168	168	168	167	159	168	125
30 McNary	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
31 Merwin	148	148	148	144	140	144	128	113	113	113	113	113	130	147
32 Monroe Street	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33 Mossyrock	384	384	384	384	361	351	286	174	172	209	207	0	370	384
34 Nine Mile	26	26	26	26	26	26	26	26	26	25	23	22	24	26
35 North Fork	54	54	54	54	54	54	54	54	54	54	54	54	54	54
36 Noxon	554	554	554	554	554	554	549	544	544	544	544	549	549	549
37 Oak Grove	45	45	45	45	45	45	45	45	45	45	45	45	45	45
38 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
39 Pelton	108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 Post Falls	16	16	16	16	16	16	16	16	16	15	14	14	15	16
41 Priest Rapids	896	896	896	896	896	896	896	896	896	896	896	896	896	896
42 River Mill	23	23	23	23	23	23	23	23	23	23	23	23	23	23
43 Rock Island PH#1	162	173	176	176	173	173	176	176	176	176	176	176	168	171
44 Rock Island PH#2	402	394	395	393	395	394	394	394	394	394	394	394	398	396
45 Rocky Reach	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
46 Ross	450	397	445	331	421	390	0	169	374	363	360	388	431	450
47 Round Butte	300	300	300	300	300	300	300	300	300	300	300	300	300	300
48 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
49 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
50 The Dalles	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
51 Upper Baker	101	101	101	100	96	91	86	79	80	80	80	3.1	103	101
52 Upper Falls	10	10	10	10	10	10	10	10	10	9.5	8.6	8.3	9.3	10
53 Wanapum	910	910	910	910	910	910	910	910	910	910	910	910	910	910
54 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
55 White	64	64	64	64	59	64	61	43	43	47	53	62	64	64
56 Yale	133	133	131	132	133	132	116	94	94	106	106	0	132	132
<b>Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30373</b>	<b>30519</b>	<b>30473</b>	<b>29832</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31179</b>

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Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Total Regulated Hydro w/Enc.-</i>														
<i>57 Federal System</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>58 Public Entities</i>	4522	4443	4589	4362	4531	4474	3691	4009	4139	4168	4255	4033	4699	4433
<i>59 Investor-Owned Entities</i>	5663	5708	5661	5685	5506	5461	5529	5274	5436	5539	5515	5357	5556	5739
<i>60 Other Entities</i>	488	487	487	487	487	487	487	487	487	487	487	487	487	487
<b>61 Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30373</b>	<b>30519</b>	<b>30473</b>	<b>29832</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31179</b>

Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Regulated Hydro Projects-</i>														
1 Albeni Falls	50	50	50	33	22	22	23	23	22	22	16	28	45	50
2 Alder	52	52	52	52	51	52	45	32	28	30	37	46	50	51
3 Bonneville	1039	1039	1039	1039	1039	1047	1047	1047	1039	1039	1039	1039	1039	1039
4 Boundary	845	845	845	845	845	845	845	845	845	845	845	883	1003	845
5 Box Canyon	83	83	82	79	82	82	82	83	82	82	80	78	78	80
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8 Chelan	58	58	58	57	57	56	55	54	54	53	53	54	56	58
9 Chief Joseph	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
10 Cushman 1	33	23	46	18	42	36	29	20	11	12	24	13	28	14
11 Cushman 2	24	6.9	88	1	88	88	88	88	3.6	2	88	1.3	88	0.3
12 Diablo	172	172	172	172	172	172	15	149	172	172	172	172	172	172
13 Dworshak	447	446	445	445	445	445	444	442	442	445	446	448	450	449
14 Faraday	43	43	43	43	43	43	43	43	43	43	43	43	43	43
15 Gorge	182	182	182	182	182	182	27	182	182	182	182	182	182	182
16 Grand Coulee	6261	6156	6261	6370	6611	6364	6534	6640	6332	5598	5408	5775	6329	6370
17 Hells Canyon	367	414	385	396	253	241	376	216	370	450	450	450	288	450
18 Hungry Horse	401	398	394	387	379	371	361	351	341	334	278	291	302	404
19 Ice Harbor	693	627	693	693	693	693	693	693	693	693	693	693	693	693
20 John Day	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
21 La Grande	64	64	64	64	64	64	64	64	64	64	64	64	64	64
22 Libby	596	590	587	585	582	576	566	553	541	533	533	570	583	593
23 Little Falls	34	34	34	34	34	34	34	34	34	34	30	30	34	34
24 Little Goose	884	884	922	928	928	928	928	928	928	922	884	884	884	884
25 Long Lake	72	72	72	72	72	68	64	64	64	69	72	72	72	72
26 Lower Baker	71	71	71	71	71	71	62	50	50	50	50	13	67	71
27 Lower Granite	912	912	912	912	918	930	930	930	930	918	912	912	912	912
28 Lower Monumental	907	907	915	922	922	922	922	922	922	915	907	907	907	907
29 Mayfield	168	168	168	168	168	168	168	168	168	168	167	159	168	125
30 McNary	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
31 Merwin	148	148	148	144	140	144	128	113	113	113	113	113	130	147
32 Monroe Street	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33 Mossyrock	384	384	384	384	361	351	286	174	172	209	207	0	370	384
34 Nine Mile	26	26	26	26	26	26	26	26	26	25	23	22	24	26
35 North Fork	54	54	54	54	54	54	54	54	54	54	54	54	54	54
36 Noxon	554	554	554	554	554	554	549	544	544	544	544	549	549	549
37 Oak Grove	45	45	45	45	45	45	45	45	45	45	45	45	45	45
38 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
39 Pelton	108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 Post Falls	16	16	16	16	16	16	16	16	16	15	14	14	15	16
41 Priest Rapids	896	896	896	896	896	896	896	896	896	896	896	896	896	896
42 River Mill	23	23	23	23	23	23	23	23	23	23	23	23	23	23
43 Rock Island PH#1	162	173	176	176	173	173	176	176	176	176	176	176	168	171
44 Rock Island PH#2	402	394	395	393	395	394	394	394	394	394	394	394	398	396
45 Rocky Reach	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
46 Ross	450	397	445	331	421	390	0	169	374	363	360	388	431	450
47 Round Butte	300	300	300	300	300	300	300	300	300	300	300	300	300	300
48 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
49 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
50 The Dalles	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
51 Upper Baker	101	101	101	100	96	91	86	79	80	80	80	3.1	103	101
52 Upper Falls	10	10	10	10	10	10	10	10	10	9.5	8.6	8.3	9.3	10
53 Wanapum	910	910	910	910	910	910	910	910	910	910	910	910	910	910
54 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
55 White	64	64	64	64	59	64	61	43	43	47	53	62	64	64
56 Yale	133	133	131	132	133	132	116	94	94	106	106	0	132	132
<b>Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30373</b>	<b>30519</b>	<b>30473</b>	<b>29832</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31179</b>

Continued

Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Total Regulated Hydro w/Enc.-</i>														
<i>57 Federal System</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>58 Public Entities</i>	4522	4443	4589	4362	4531	4474	3691	4009	4139	4168	4255	4033	4699	4433
<i>59 Investor-Owned Entities</i>	5663	5708	5661	5685	5506	5461	5529	5274	5436	5539	5515	5357	5556	5739
<i>60 Other Entities</i>	488	487	487	487	487	487	487	487	487	487	487	487	487	487
<b>61 Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30373</b>	<b>30519</b>	<b>30473</b>	<b>29832</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31179</b>



Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Regulated Hydro Projects-</i>														
1 Albeni Falls	50	50	50	33	22	22	23	23	22	22	16	28	45	50
2 Alder	52	52	52	52	51	52	45	32	28	30	37	46	50	51
3 Bonneville	1039	1039	1039	1039	1039	1047	1047	1047	1039	1039	1039	1039	1039	1039
4 Boundary	845	845	845	845	845	845	845	845	845	845	845	883	1003	845
5 Box Canyon	83	83	82	79	82	82	82	83	82	82	80	78	78	80
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8 Chelan	58	58	58	57	57	56	55	54	54	53	53	54	56	58
9 Chief Joseph	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
10 Cushman 1	33	23	46	18	42	36	29	20	11	12	24	13	28	14
11 Cushman 2	24	6.9	88	1	88	88	88	88	3.6	2	88	1.3	88	0.3
12 Diablo	172	172	172	172	172	172	15	149	172	172	172	172	172	172
13 Dworshak	447	446	445	445	445	445	444	442	442	445	446	448	450	449
14 Faraday	43	43	43	43	43	43	43	43	43	43	43	43	43	43
15 Gorge	182	182	182	182	182	182	27	182	182	182	182	182	182	182
16 Grand Coulee	6261	6156	6261	6370	6611	6364	6534	6640	6332	5598	5408	5775	6329	6370
17 Hells Canyon	367	414	385	396	253	241	376	216	370	450	450	450	288	450
18 Hungry Horse	401	398	394	387	379	371	361	351	341	334	278	291	302	404
19 Ice Harbor	693	627	693	693	693	693	693	693	693	693	693	693	693	693
20 John Day	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
21 La Grande	64	64	64	64	64	64	64	64	64	64	64	64	64	64
22 Libby	596	590	587	585	582	576	566	553	541	533	533	570	583	593
23 Little Falls	34	34	34	34	34	34	34	34	34	34	30	30	34	34
24 Little Goose	884	884	922	928	928	928	928	928	928	922	884	884	884	884
25 Long Lake	72	72	72	72	72	68	64	64	64	69	72	72	72	72
26 Lower Baker	71	71	71	71	71	71	62	50	50	50	50	13	67	71
27 Lower Granite	912	912	912	912	918	930	930	930	930	918	912	912	912	912
28 Lower Monumental	907	907	915	922	922	922	922	922	922	915	907	907	907	907
29 Mayfield	168	168	168	168	168	168	168	168	168	168	167	159	168	125
30 McNary	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
31 Merwin	148	148	148	144	140	144	128	113	113	113	113	113	130	147
32 Monroe Street	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33 Mossyrock	384	384	384	384	361	351	286	174	172	209	207	0	370	384
34 Nine Mile	26	26	26	26	26	26	26	26	26	25	23	22	24	26
35 North Fork	54	54	54	54	54	54	54	54	54	54	54	54	54	54
36 Noxon	554	554	554	554	554	554	549	544	544	544	544	549	549	549
37 Oak Grove	45	45	45	45	45	45	45	45	45	45	45	45	45	45
38 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
39 Pelton	108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 Post Falls	16	16	16	16	16	16	16	16	16	15	14	14	15	16
41 Priest Rapids	896	896	896	896	897	897	896	896	896	896	896	896	896	896
42 River Mill	23	23	23	23	23	23	23	23	23	23	23	23	23	23
43 Rock Island PH#1	162	173	176	176	173	173	176	176	176	176	176	176	168	171
44 Rock Island PH#2	402	394	395	393	395	394	394	394	394	394	394	394	398	396
45 Rocky Reach	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
46 Ross	450	397	445	331	421	390	0	169	374	363	360	388	431	450
47 Round Butte	300	300	300	300	300	300	300	300	300	300	300	300	300	300
48 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
49 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
50 The Dalles	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
51 Upper Baker	101	101	101	100	96	91	86	79	80	80	80	3.1	103	101
52 Upper Falls	10	10	10	10	10	10	10	10	10	9.5	8.6	8.3	9.3	10
53 Wanapum	910	910	910	910	911	911	911	911	911	911	911	911	911	911
54 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
55 White	64	64	64	64	59	64	61	43	43	47	53	62	64	64
56 Yale	133	133	131	132	133	132	116	94	94	106	106	0	132	132
<b>Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30519</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31179</b>

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Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Total Regulated Hydro w/Enc.-</i>														
<i>57 Federal System</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>58 Public Entities</i>	4522	4443	4589	4362	4641	4585	3894	4213	4343	4371	4459	4237	4902	4636
<i>59 Investor-Owned Entities</i>	5663	5708	5661	5685	5396	5351	5325	5070	5232	5336	5311	5153	5353	5535
<i>60 Other Entities</i>	488	487	487	487	488	488	487	487	487	487	487	487	488	488
<b>61 Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30519</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31179</b>

Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Regulated Hydro Projects-</i>														
1 Albeni Falls	50	50	50	33	22	22	23	23	22	22	16	28	45	50
2 Alder	52	52	52	52	51	52	45	32	28	30	37	46	50	51
3 Bonneville	1039	1039	1039	1039	1039	1047	1047	1047	1039	1039	1039	1039	1039	1039
4 Boundary	845	845	845	845	845	845	845	845	845	845	845	883	1003	845
5 Box Canyon	83	83	82	79	82	82	82	83	82	82	80	78	78	80
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8 Chelan	58	58	58	57	57	56	55	54	54	53	53	54	56	58
9 Chief Joseph	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
10 Cushman 1	33	23	46	18	42	36	29	20	11	12	24	13	28	14
11 Cushman 2	24	6.9	88	1	88	88	88	88	3.6	2	88	1.3	88	0.3
12 Diablo	172	172	172	172	172	172	15	149	172	172	172	172	172	172
13 Dworshak	447	446	445	445	445	445	444	442	442	445	446	448	450	449
14 Faraday	43	43	43	43	43	43	43	43	43	43	43	43	43	43
15 Gorge	182	182	182	182	182	182	27	182	182	182	182	182	182	182
16 Grand Coulee	6261	6156	6261	6370	6611	6364	6534	6640	6332	5598	5408	5775	6329	6370
17 Hells Canyon	367	414	385	396	253	241	376	216	370	450	450	450	288	450
18 Hungry Horse	401	398	394	387	379	371	361	351	341	334	278	291	302	404
19 Ice Harbor	693	627	693	693	693	693	693	693	693	693	693	693	693	693
20 John Day	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
21 La Grande	64	64	64	64	64	64	64	64	64	64	64	64	64	64
22 Libby	596	590	587	585	582	576	566	553	541	533	533	570	583	593
23 Little Falls	34	34	34	34	34	34	34	34	34	34	30	30	34	34
24 Little Goose	884	884	922	928	928	928	928	928	928	922	884	884	884	884
25 Long Lake	72	72	72	72	72	68	64	64	64	69	72	72	72	72
26 Lower Baker	71	71	71	71	71	71	62	50	50	50	50	13	67	71
27 Lower Granite	912	912	912	912	918	930	930	930	930	918	912	912	912	912
28 Lower Monumental	907	907	915	922	922	922	922	922	922	915	907	907	907	907
29 Mayfield	168	168	168	168	168	168	168	168	168	168	167	159	168	125
30 McNary	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
31 Merwin	148	148	148	144	140	144	128	113	113	113	113	113	130	147
32 Monroe Street	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33 Mossyrock	384	384	384	384	361	351	286	174	172	209	207	0	370	384
34 Nine Mile	26	26	26	26	26	26	26	26	26	25	23	22	24	26
35 North Fork	54	54	54	54	54	54	54	54	54	54	54	54	54	54
36 Noxon	554	554	554	554	554	554	549	544	544	544	544	549	549	549
37 Oak Grove	45	45	45	45	45	45	45	45	45	45	45	45	45	45
38 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
39 Pelton	108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 Post Falls	16	16	16	16	16	16	16	16	16	15	14	14	15	16
41 Priest Rapids	896	896	896	896	896	896	896	896	896	896	896	896	896	896
42 River Mill	23	23	23	23	23	23	23	23	23	23	23	23	23	23
43 Rock Island PH#1	162	173	176	176	173	173	176	176	176	176	176	176	168	171
44 Rock Island PH#2	402	394	395	393	395	394	394	394	394	394	394	394	398	396
45 Rocky Reach	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
46 Ross	450	397	445	331	421	390	0	169	374	363	360	388	431	450
47 Round Butte	300	300	300	300	300	300	300	300	300	300	300	300	300	300
48 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
49 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
50 The Dalles	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
51 Upper Baker	101	101	101	100	96	91	86	79	80	80	80	3.1	103	101
52 Upper Falls	10	10	10	10	10	10	10	10	10	9.5	8.6	8.3	9.3	10
53 Wanapum	911	911	911	911	911	911	911	911	911	911	911	911	911	911
54 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
55 White	64	64	64	64	59	64	61	43	43	47	53	62	64	64
56 Yale	133	133	131	132	133	132	116	94	94	106	106	0	132	132
<b>Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30519</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31180</b>

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Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Total Regulated Hydro w/Enc.-</i>														
<i>57 Federal System</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>58 Public Entities</i>	4725	4646	4792	4565	4739	4683	3899	4217	4347	4376	4463	4241	4907	4641
<i>59 Investor-Owned Entities</i>	5459	5505	5457	5482	5298	5252	5321	5066	5228	5331	5307	5149	5348	5531
<i>60 Other Entities</i>	488	488	487	487	488	488	487	487	487	487	487	487	488	488
<b>61 Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30866</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30519</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31180</b>

Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
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 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Regulated Hydro Projects-</i>														
1 Albeni Falls	50	50	50	33	22	22	23	23	22	22	16	28	45	50
2 Alder	52	52	52	52	51	52	45	32	28	30	37	46	50	51
3 Bonneville	1039	1039	1039	1039	1039	1047	1047	1047	1039	1039	1039	1039	1039	1039
4 Boundary	845	845	845	845	845	845	845	845	845	845	845	883	1003	845
5 Box Canyon	83	83	82	79	82	82	82	83	82	82	80	78	78	80
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8 Chelan	58	58	58	57	57	56	55	54	54	53	53	54	56	58
9 Chief Joseph	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
10 Cushman 1	33	23	46	18	42	36	29	20	11	12	24	13	28	14
11 Cushman 2	24	6.9	88	1	88	88	88	88	3.6	2	88	1.3	88	0.3
12 Diablo	172	172	172	172	172	172	15	149	172	172	172	172	172	172
13 Dworshak	447	446	445	445	445	445	444	442	442	445	446	448	450	449
14 Faraday	43	43	43	43	43	43	43	43	43	43	43	43	43	43
15 Gorge	182	182	182	182	182	182	27	182	182	182	182	182	182	182
16 Grand Coulee	6261	6156	6261	6370	6611	6364	6534	6640	6332	5598	5408	5775	6329	6370
17 Hells Canyon	367	414	385	396	253	241	376	216	370	450	450	450	288	450
18 Hungry Horse	401	398	394	387	379	371	361	351	341	334	278	291	302	404
19 Ice Harbor	693	627	693	693	693	693	693	693	693	693	693	693	693	693
20 John Day	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
21 La Grande	64	64	64	64	64	64	64	64	64	64	64	64	64	64
22 Libby	596	590	587	585	582	576	566	553	541	533	533	570	583	593
23 Little Falls	34	34	34	34	34	34	34	34	34	34	30	30	34	34
24 Little Goose	884	884	922	928	928	928	928	928	928	922	884	884	884	884
25 Long Lake	72	72	72	72	72	68	64	64	64	69	72	72	72	72
26 Lower Baker	71	71	71	71	71	71	62	50	50	50	50	13	67	71
27 Lower Granite	912	912	912	912	918	930	930	930	930	918	912	912	912	912
28 Lower Monumental	907	907	915	922	922	922	922	922	922	915	907	907	907	907
29 Mayfield	168	168	168	168	168	168	168	168	168	168	167	159	168	125
30 McNary	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
31 Merwin	148	148	148	144	140	144	128	113	113	113	113	113	130	147
32 Monroe Street	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33 Mossyrock	384	384	384	384	361	351	286	174	172	209	207	0	370	384
34 Nine Mile	26	26	26	26	26	26	26	26	26	25	23	22	24	26
35 North Fork	54	54	54	54	54	54	54	54	54	54	54	54	54	54
36 Noxon	554	554	554	554	554	554	549	544	544	544	544	549	549	549
37 Oak Grove	45	45	45	45	45	45	45	45	45	45	45	45	45	45
38 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
39 Pelton	108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 Post Falls	16	16	16	16	16	16	16	16	16	15	14	14	15	16
41 Priest Rapids	896	896	896	896	897	897	897	897	897	897	897	897	897	897
42 River Mill	23	23	23	23	23	23	23	23	23	23	23	23	23	23
43 Rock Island PH#1	162	173	176	176	173	173	176	176	176	176	176	176	168	171
44 Rock Island PH#2	402	394	395	393	395	394	394	394	394	394	394	394	398	396
45 Rocky Reach	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
46 Ross	450	397	445	331	421	390	0	169	374	363	360	388	431	450
47 Round Butte	300	300	300	300	300	300	300	300	300	300	300	300	300	300
48 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
49 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
50 The Dalles	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
51 Upper Baker	101	101	101	100	96	91	86	79	80	80	80	3.1	103	101
52 Upper Falls	10	10	10	10	10	10	10	10	10	9.5	8.6	8.3	9.3	10
53 Wanapum	911	911	911	911	911	911	911	911	911	911	911	911	911	911
54 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
55 White	64	64	64	64	59	64	61	43	43	47	53	62	64	64
56 Yale	133	133	131	132	133	132	116	94	94	106	106	0	132	132
<b>Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30867</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30519</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31180</b>

Continued

Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
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 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Total Regulated Hydro w/Enc.-</i>														
<i>57 Federal System</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>58 Public Entities</i>	4730	4651	4797	4570	4745	4689	3905	4224	4353	4382	4470	4247	4913	4647
<i>59 Investor-Owned Entities</i>	5455	5500	5453	5477	5292	5246	5315	5060	5222	5325	5301	5143	5342	5525
<i>60 Other Entities</i>	488	488	487	487	488	488	487	487	487	487	487	487	488	488
<b>61 Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30867</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30519</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31180</b>

Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
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 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Regulated Hydro Projects-</i>														
1 Albeni Falls	50	50	50	33	22	22	23	23	22	22	16	28	45	50
2 Alder	52	52	52	52	51	52	45	32	28	30	37	46	50	51
3 Bonneville	1039	1039	1039	1039	1039	1047	1047	1047	1039	1039	1039	1039	1039	1039
4 Boundary	845	845	845	845	845	845	845	845	845	845	845	883	1003	845
5 Box Canyon	83	83	82	79	82	82	82	83	82	82	80	78	78	80
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8 Chelan	58	58	58	57	57	56	55	54	54	53	53	54	56	58
9 Chief Joseph	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
10 Cushman 1	33	23	46	18	42	36	29	20	11	12	24	13	28	14
11 Cushman 2	24	6.9	88	1	88	88	88	88	3.6	2	88	1.3	88	0.3
12 Diablo	172	172	172	172	172	172	15	149	172	172	172	172	172	172
13 Dworshak	447	446	445	445	445	445	444	442	442	445	446	448	450	449
14 Faraday	43	43	43	43	43	43	43	43	43	43	43	43	43	43
15 Gorge	182	182	182	182	182	182	27	182	182	182	182	182	182	182
16 Grand Coulee	6261	6156	6261	6370	6611	6364	6534	6640	6332	5598	5408	5775	6329	6370
17 Hells Canyon	367	414	385	396	253	241	376	216	370	450	450	450	288	450
18 Hungry Horse	401	398	394	387	379	371	361	351	341	334	278	291	302	404
19 Ice Harbor	693	627	693	693	693	693	693	693	693	693	693	693	693	693
20 John Day	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
21 La Grande	64	64	64	64	64	64	64	64	64	64	64	64	64	64
22 Libby	596	590	587	585	582	576	566	553	541	533	533	570	583	593
23 Little Falls	34	34	34	34	34	34	34	34	34	34	30	30	34	34
24 Little Goose	884	884	922	928	928	928	928	928	928	922	884	884	884	884
25 Long Lake	72	72	72	72	72	68	64	64	64	69	72	72	72	72
26 Lower Baker	71	71	71	71	71	71	62	50	50	50	50	13	67	71
27 Lower Granite	912	912	912	912	918	930	930	930	930	918	912	912	912	912
28 Lower Monumental	907	907	915	922	922	922	922	922	922	915	907	907	907	907
29 Mayfield	168	168	168	168	168	168	168	168	168	168	167	159	168	125
30 McNary	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
31 Merwin	148	148	148	144	140	144	128	113	113	113	113	113	130	147
32 Monroe Street	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33 Mossyrock	384	384	384	384	361	351	286	174	172	209	207	0	370	384
34 Nine Mile	26	26	26	26	26	26	26	26	26	25	23	22	24	26
35 North Fork	54	54	54	54	54	54	54	54	54	54	54	54	54	54
36 Noxon	554	554	554	554	554	554	549	544	544	544	544	549	549	549
37 Oak Grove	45	45	45	45	45	45	45	45	45	45	45	45	45	45
38 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
39 Pelton	108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 Post Falls	16	16	16	16	16	16	16	16	16	15	14	14	15	16
41 Priest Rapids	897	897	897	897	896	896	896	896	896	896	896	896	896	896
42 River Mill	23	23	23	23	23	23	23	23	23	23	23	23	23	23
43 Rock Island PH#1	162	173	176	176	173	173	176	176	176	176	176	176	168	171
44 Rock Island PH#2	402	394	395	393	395	394	394	394	394	394	394	394	398	396
45 Rocky Reach	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
46 Ross	450	397	445	331	421	390	0	169	374	363	360	388	431	450
47 Round Butte	300	300	300	300	300	300	300	300	300	300	300	300	300	300
48 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
49 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
50 The Dalles	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
51 Upper Baker	101	101	101	100	96	91	86	79	80	80	80	3.1	103	101
52 Upper Falls	10	10	10	10	10	10	10	10	10	9.5	8.6	8.3	9.3	10
53 Wanapum	911	911	911	911	911	911	911	911	911	911	911	911	911	911
54 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
55 White	64	64	64	64	59	64	61	43	43	47	53	62	64	64
56 Yale	133	133	131	132	133	132	116	94	94	106	106	0	132	132
<b>Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30867</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30519</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31180</b>

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Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Total Regulated Hydro w/Enc.-</i>														
<i>57 Federal System</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>58 Public Entities</i>	4736	4657	4803	4576	4752	4695	3912	4230	4360	4388	4476	4254	4920	4654
<i>59 Investor-Owned Entities</i>	5449	5494	5447	5471	5285	5240	5308	5053	5215	5318	5294	5136	5335	5518
<i>60 Other Entities</i>	488	488	487	487	488	488	487	487	487	487	487	487	488	488
<b>61 Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30867</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30519</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31180</b>



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 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
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12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Regulated Hydro Projects-</i>														
1 Albeni Falls	50	50	50	33	22	22	23	23	22	22	16	28	45	50
2 Alder	52	52	52	52	51	52	45	32	28	30	37	46	50	51
3 Bonneville	1039	1039	1039	1039	1039	1047	1047	1047	1039	1039	1039	1039	1039	1039
4 Boundary	845	845	845	845	845	845	845	845	845	845	845	883	1003	845
5 Box Canyon	83	83	82	79	82	82	82	83	82	82	80	78	78	80
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8 Chelan	58	58	58	57	57	56	55	54	54	53	53	54	56	58
9 Chief Joseph	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
10 Cushman 1	33	23	46	18	42	36	29	20	11	12	24	13	28	14
11 Cushman 2	24	6.9	88	1	88	88	88	88	3.6	2	88	1.3	88	0.3
12 Diablo	172	172	172	172	172	172	15	149	172	172	172	172	172	172
13 Dworshak	447	446	445	445	445	445	444	442	442	445	446	448	450	449
14 Faraday	43	43	43	43	43	43	43	43	43	43	43	43	43	43
15 Gorge	182	182	182	182	182	182	27	182	182	182	182	182	182	182
16 Grand Coulee	6261	6156	6261	6370	6611	6364	6534	6640	6332	5598	5408	5775	6329	6370
17 Hells Canyon	367	414	385	396	253	241	376	216	370	450	450	450	288	450
18 Hungry Horse	401	398	394	387	379	371	361	351	341	334	278	291	302	404
19 Ice Harbor	693	627	693	693	693	693	693	693	693	693	693	693	693	693
20 John Day	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
21 La Grande	64	64	64	64	64	64	64	64	64	64	64	64	64	64
22 Libby	596	590	587	585	582	576	566	553	541	533	533	570	583	593
23 Little Falls	34	34	34	34	34	34	34	34	34	34	30	30	34	34
24 Little Goose	884	884	922	928	928	928	928	928	928	922	884	884	884	884
25 Long Lake	72	72	72	72	72	68	64	64	64	69	72	72	72	72
26 Lower Baker	71	71	71	71	71	71	62	50	50	50	50	13	67	71
27 Lower Granite	912	912	912	912	918	930	930	930	930	918	912	912	912	912
28 Lower Monumental	907	907	915	922	922	922	922	922	922	915	907	907	907	907
29 Mayfield	168	168	168	168	168	168	168	168	168	168	167	159	168	125
30 McNary	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
31 Merwin	148	148	148	144	140	144	128	113	113	113	113	113	130	147
32 Monroe Street	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33 Mossyrock	384	384	384	384	361	351	286	174	172	209	207	0	370	384
34 Nine Mile	26	26	26	26	26	26	26	26	26	25	23	22	24	26
35 North Fork	54	54	54	54	54	54	54	54	54	54	54	54	54	54
36 Noxon	554	554	554	554	554	554	549	544	544	544	544	549	549	549
37 Oak Grove	45	45	45	45	45	45	45	45	45	45	45	45	45	45
38 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
39 Pelton	108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 Post Falls	16	16	16	16	16	16	16	16	16	15	14	14	15	16
41 Priest Rapids	896	896	896	896	896	896	896	896	896	896	896	896	896	896
42 River Mill	23	23	23	23	23	23	23	23	23	23	23	23	23	23
43 Rock Island PH#1	162	173	176	176	173	173	176	176	176	176	176	176	168	171
44 Rock Island PH#2	402	394	395	393	395	394	394	394	394	394	394	394	398	396
45 Rocky Reach	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
46 Ross	450	397	445	331	421	390	0	169	374	363	360	388	431	450
47 Round Butte	300	300	300	300	300	300	300	300	300	300	300	300	300	300
48 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
49 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
50 The Dalles	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
51 Upper Baker	101	101	101	100	96	91	86	79	80	80	80	3.1	103	101
52 Upper Falls	10	10	10	10	10	10	10	10	10	9.5	8.6	8.3	9.3	10
53 Wanapum	911	911	911	911	911	911	911	911	911	911	911	911	911	911
54 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
55 White	64	64	64	64	59	64	61	43	43	47	53	62	64	64
56 Yale	133	133	131	132	133	132	116	94	94	106	106	0	132	132
<b>Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30867</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30519</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31180</b>

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Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Total Regulated Hydro w/Enc.-</i>														
<i>57 Federal System</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>58 Public Entities</i>	4742	4664	4810	4583	4758	4701	3917	4236	4366	4394	4482	4260	4925	4659
<i>59 Investor-Owned Entities</i>	5442	5487	5440	5464	5280	5234	5302	5047	5209	5313	5288	5130	5330	5512
<i>60 Other Entities</i>	488	488	487	487	488	488	487	487	487	487	487	487	488	488
<b>61 Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30867</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30519</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29643</b>	<b>31105</b>	<b>31180</b>

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 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
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12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Regulated Hydro Projects-</i>														
1 Albeni Falls	50	50	50	33	22	22	23	23	22	22	16	28	45	50
2 Alder	52	52	52	52	51	52	45	32	28	30	37	46	50	51
3 Bonneville	1039	1039	1039	1039	1039	1047	1047	1047	1039	1039	1039	1039	1039	1039
4 Boundary	845	845	845	845	845	845	845	845	845	845	845	883	1003	845
5 Box Canyon	83	83	82	79	82	82	82	83	82	82	80	78	78	80
6 Brownlee	675	675	675	675	675	675	675	675	675	675	675	675	675	675
7 Cabinet Gorge	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8 Chelan	58	58	58	57	57	56	55	54	54	53	53	54	56	58
9 Chief Joseph	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
10 Cushman 1	33	23	46	18	42	36	29	20	11	12	24	13	28	14
11 Cushman 2	24	6.9	88	1	88	88	88	88	3.6	2	88	1.3	88	0.3
12 Diablo	172	172	172	172	172	172	15	149	172	172	172	172	172	172
13 Dworshak	447	446	445	445	445	445	444	442	442	445	446	448	450	449
14 Faraday	43	43	43	43	43	43	43	43	43	43	43	43	43	43
15 Gorge	182	182	182	182	182	182	27	182	182	182	182	182	182	182
16 Grand Coulee	6261	6156	6261	6370	6611	6364	6534	6640	6332	5598	5408	5775	6329	6370
17 Hells Canyon	367	414	385	396	253	241	376	216	370	450	450	450	288	450
18 Hungry Horse	401	398	394	387	379	371	361	351	341	334	278	291	302	404
19 Ice Harbor	693	627	693	693	693	693	693	693	693	693	693	693	693	693
20 John Day	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
21 La Grande	64	64	64	64	64	64	64	64	64	64	64	64	64	64
22 Libby	596	590	587	585	582	576	566	553	541	533	533	570	583	593
23 Little Falls	34	34	34	34	34	34	34	34	34	34	30	30	34	34
24 Little Goose	884	884	922	928	928	928	928	928	928	922	884	884	884	884
25 Long Lake	72	72	72	72	72	68	64	64	64	69	72	72	72	72
26 Lower Baker	71	71	71	71	71	71	62	50	50	50	50	13	67	71
27 Lower Granite	912	912	912	912	918	930	930	930	930	918	912	912	912	912
28 Lower Monumental	907	907	915	922	922	922	922	922	922	915	907	907	907	907
29 Mayfield	168	168	168	168	168	168	168	168	168	168	167	159	168	125
30 McNary	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
31 Merwin	148	148	148	144	140	144	128	113	113	113	113	113	130	147
32 Monroe Street	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33 Mossyrock	384	384	384	384	361	351	286	174	172	209	207	0	370	384
34 Nine Mile	26	26	26	26	26	26	26	26	26	25	23	22	24	26
35 North Fork	54	54	54	54	54	54	54	54	54	54	54	54	54	54
36 Noxon	554	554	554	554	554	554	549	544	544	544	544	549	549	549
37 Oak Grove	45	45	45	45	45	45	45	45	45	45	45	45	45	45
38 Oxbow	220	220	220	220	220	220	220	220	220	220	220	220	220	220
39 Pelton	108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 Post Falls	16	16	16	16	16	16	16	16	16	15	14	14	15	16
41 Priest Rapids	896	896	896	896	897	897	897	897	897	897	897	897	897	897
42 River Mill	23	23	23	23	23	23	23	23	23	23	23	23	23	23
43 Rock Island PH#1	162	173	176	176	173	173	176	176	176	176	176	176	168	171
44 Rock Island PH#2	402	394	395	393	395	394	394	394	394	394	394	394	398	396
45 Rocky Reach	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
46 Ross	450	397	445	331	421	390	0	169	374	363	360	388	431	450
47 Round Butte	300	300	300	300	300	300	300	300	300	300	300	300	300	300
48 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
49 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
50 The Dalles	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
51 Upper Baker	101	101	101	100	96	91	86	79	80	80	80	3.1	103	101
52 Upper Falls	10	10	10	10	10	10	10	10	10	9.5	8.6	8.3	9.3	10
53 Wanapum	911	911	911	911	911	911	911	911	911	911	911	911	911	911
54 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
55 White	64	64	64	64	59	64	61	43	43	47	53	62	64	64
56 Yale	133	133	131	132	133	132	116	94	94	106	106	0	132	132
<b>Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30867</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30520</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29644</b>	<b>31105</b>	<b>31180</b>

Continued

Table A-3: Regional Regulated Hydro Projects  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Total Regulated Hydro w/Enc.-</i>														
<i>57 Federal System</i>	20409	20228	20436	20534	20759	20518	20667	20749	20411	19639	19335	19766	20362	20520
<i>58 Public Entities</i>	4748	4669	4815	4588	4766	4709	3926	4244	4374	4402	4490	4268	4934	4668
<i>59 Investor-Owned Entities</i>	5436	5482	5434	5458	5272	5226	5294	5039	5201	5305	5281	5122	5322	5504
<i>60 Other Entities</i>	488	488	487	487	488	488	487	487	487	487	487	487	488	488
<b>61 Total Regulated Hydro w/Enc.</b>	<b>31082</b>	<b>30867</b>	<b>31173</b>	<b>31068</b>	<b>31284</b>	<b>30941</b>	<b>30374</b>	<b>30520</b>	<b>30473</b>	<b>29833</b>	<b>29592</b>	<b>29644</b>	<b>31105</b>	<b>31180</b>

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Table A-4  
Independent Hydro Projects  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Independent Hydro Projects-</b>														
1 American Falls	74	47	30	13	0	8.8	0	0	0	7.4	33	68	70	79
2 Anderson Ranch	40	40	38	38	38	38	36	35	34	34	34	37	38	36
3 Big Cliff	8	7	9	13	15	21	21	21	21	21	21	21	21	8
4 Big Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Black Canyon	10	10	7.9	9	5.9	7.1	8.8	4.8	7.9	10	10	10	8.1	7.5
6 Bliss	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 Blue River	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8 Boise River Diversion	3	3	3	3	0	0	0	0	0	0	3	3	3	3
9 Bonneville Fishway	24	24	24	24	12	12	12	24	24	24	24	24	24	24
10 Bull Run	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11 Calispel Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 Carmen-Smith	41	38	39	33	30	37	33	33	52	62	63	64	60	51
13 Cascade	14	11	6.5	6.8	0	0	4.9	0	0	0	0	0	0	6.7
14 Cedar Falls & Newhalem	0	0	24	30	30	30	30	30	30	30	30	30	30	0
15 Chandler	5.2	5.2	4.1	6.7	12	13	9.5	9.3	13	10	10	8.4	8.1	4.6
16 CJ Strike	85	85	85	85	85	85	85	85	85	85	85	85	85	85
17 Condit Sm Plts	30	30	34	33	32	35	33	34	37	37	37	37	37	32
18 Cougar	17	24	12	25	24	25	25	25	25	25	25	29	29	11
19 Cowlitz Falls	10	10	12	16	23	23	13	17	33	48	48	64	66	29
20 Detroit	115	115	115	115	115	96	96	115	115	115	115	115	115	115
21 Dexter	6	6	6	12	16	17	17	17	17	17	17	17	17	6
22 Felt	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23 Foster	4	10	4	8	6	22	22	22	22	22	22	23	23	6
24 Gem State Hydro	20	20	16	13	14	15	15	15	22	22	22	21	21	22
25 Green Peter	92	92	92	92	92	79	79	92	92	92	92	92	92	92
26 Green Springs - USBR	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27 Hills Creek	7	7	25	23	27	30	30	30	30	30	30	35	35	14
28 Hood Street	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0
29 Idaho Falls - City Plant	6	6	6	6	6	5	6	5	5	5	5	7	7	7
30 Idaho Falls - Lower Plant	6	6	7	7	6	5	6	6	5	6	6	7	7	7
31 Idaho Falls - Upper Plant	7	7	7	7	6	5	6	6	5	6	6	7	7	7
32 Island Park	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33 Jackson	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34 Klamath	92	92	92	92	92	92	92	91	91	92	92	92	92	92
35 Lake Creek	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
36 Leaburg	7.5	7.5	5.5	7.5	7.5	7.1	4	13	13	13	13	13	13	10
37 Lookout Point	138	138	138	138	114	67	67	114	138	138	138	138	138	138
38 Lost Creek	56	56	55	52	51	50	18	50	53	56	56	56	56	56
39 Lower Salmon	68	68	68	68	68	68	68	68	68	68	68	68	68	68
40 McNary Fishway	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.8	9.7	9.8
41 Mill Creek (WA)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42 Milltown/Flint Creek	1.2	1.2	1.2	1.2	1	0.6	0.6	0.5	0.2	0.8	0.8	1.2	1.6	1.5
43 Milner	0	0	0	0	6	10	5	3	0	0	0	0	0	0
44 Minidoka	30	30	28	19	15	18	26	15	16	22	22	30	30	30
45 Morse Creek	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46 Moyie Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 North Umpqua	175	175	175	175	175	175	175	175	175	175	175	175	175	175
48 Packwood	30	30	30	30	27	30	30	30	30	30	30	30	30	30
49 Palisades	131	131	128	109	108	116	122	128	131	131	131	131	131	131
50 Reader Gulch	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
51 Rogue	33	33	30	27	26	28	25	27	40	50	50	51	51	51
52 Roza	13	13	0	3.6	0	5	4	4.3	13	13	13	13	13	13
53 Shoshone Falls	12	12	12	12	12	12	12	12	12	12	12	12	12	12
54 Snoq Elect & Nooksack	72	72	72	72	72	72	72	72	72	72	72	72	72	72
55 Soda Creek	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
56 South Fork Tolt	0	0	0	0	7	7	7	7	7	0	0	0	0	0
57 Spring Plants	26	28	28	30	31	31	30	30	27	28	28	27	26	26
58 Stone Creek	4	5.8	10	10	10	1.8	7.1	0.6	4.3	5.9	4.7	6.7	6	10
59 Strawberry Creek	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60 Swan Falls	14	14	16	18	19	19	17	17	16	16	16	15	14	14

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>61 The Dalles Fishway</i>	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.1	5.1	5.1	5.2
<i>62 Trail Bridge</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>63 TW Sullivan</i>	14	14	14	14	14	14	16	14	14	14	14	14	14	14
<i>64 Twin Falls</i>	5	5	8	4	11	14	10	8	0	0	0	0	0	7
<i>65 Upper Salmon 1 &amp; 2</i>	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<i>66 Upper Salmon 3 &amp; 4</i>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>67 Watterville</i>	5.4	5.8	3.8	4.6	4	5	3.1	7.2	8	6.3	6.3	9.5	9.5	7.7
<i>68 Wynochee</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>69 Yelm</i>	10	10	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1782</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1998</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>
<b>-Total Independent Hydro W/Enc.-</b>														
<i>70 Federal System</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>71 Public Entities</i>	269	269	290	291	292	295	291	298	328	332	331	336	332	293
<i>72 Investor-Owned Entities</i>	852	823	808	788	780	800	782	773	773	793	819	853	854	872
<i>73 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>74 Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1782</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1998</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>



Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Independent Hydro Projects-</b>														
1 American Falls	74	47	30	13	0	8.8	0	0	0	7.4	33	68	70	79
2 Anderson Ranch	40	40	38	38	38	38	36	35	34	34	34	37	38	36
3 Big Cliff	8	7	9	13	15	21	21	21	21	21	21	21	21	8
4 Big Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Black Canyon	10	10	7.9	9	5.9	7.1	8.8	4.8	7.9	10	10	10	8.1	7.5
6 Bliss	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 Blue River	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8 Boise River Diversion	3	3	3	3	0	0	0	0	0	0	3	3	3	3
9 Bonneville Fishway	24	24	24	24	12	12	12	24	24	24	24	24	24	24
10 Bull Run	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11 Calispel Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 Carmen-Smith	41	38	39	33	30	37	33	33	52	62	63	64	60	51
13 Cascade	14	11	6.5	6.8	0	0	4.9	0	0	0	0	0	0	6.7
14 Cedar Falls & Newhalem	0	0	24	30	30	30	30	30	30	30	30	30	30	0
15 Chandler	5.2	5.2	4.1	6.7	12	13	9.5	9.3	13	10	10	8.4	8.1	4.6
16 CJ Strike	85	85	85	85	85	85	85	85	85	85	85	85	85	85
17 Condit Sm Plts	30	30	34	33	32	35	33	34	37	37	37	37	37	32
18 Cougar	17	24	12	25	24	25	25	25	25	25	25	29	29	11
19 Cowlitz Falls	10	10	12	16	23	23	13	17	33	48	48	64	66	29
20 Detroit	115	115	115	115	115	96	96	115	115	115	115	115	115	115
21 Dexter	6	6	6	12	16	17	17	17	17	17	17	17	17	6
22 Felt	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23 Foster	4	10	4	8	6	22	22	22	22	22	22	23	23	6
24 Gem State Hydro	20	20	16	13	14	15	15	15	22	22	22	21	21	22
25 Green Peter	92	92	92	92	92	79	79	92	92	92	92	92	92	92
26 Green Springs - USBR	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27 Hills Creek	7	7	25	23	27	30	30	30	30	30	30	35	35	14
28 Hood Street	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0
29 Idaho Falls - City Plant	6	6	6	6	6	5	6	5	5	5	5	7	7	7
30 Idaho Falls - Lower Plant	6	6	7	7	6	5	6	6	5	6	6	7	7	7
31 Idaho Falls - Upper Plant	7	7	7	7	6	5	6	6	5	6	6	7	7	7
32 Island Park	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33 Jackson	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34 Klamath	92	92	92	92	92	92	92	91	91	92	92	92	92	92
35 Lake Creek	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
36 Leaburg	7.5	7.5	5.5	7.5	7.5	7.1	4	13	13	13	13	13	13	10
37 Lookout Point	138	138	138	138	114	67	67	114	138	138	138	138	138	138
38 Lost Creek	56	56	55	52	51	50	18	50	53	56	56	56	56	56
39 Lower Salmon	68	68	68	68	68	68	68	68	68	68	68	68	68	68
40 McNary Fishway	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.8	9.7	9.8
41 Mill Creek (WA)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42 Milltown/Flint Creek	1.2	1.2	1.2	1.2	1	0.6	0.6	0.5	0.2	0.8	0.8	1.5	2	1.5
43 Milner	0	0	0	0	6	10	5	3	0	0	0	0	0	0
44 Minidoka	30	30	28	19	15	18	26	15	16	22	22	30	30	30
45 Morse Creek	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46 Moyie Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 North Umpqua	175	175	175	175	175	175	175	175	175	175	175	175	175	175
48 Packwood	30	30	30	30	27	30	30	30	30	30	30	30	30	30
49 Palisades	131	131	128	109	108	116	122	128	131	131	131	131	131	131
50 Reader Gulch	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
51 Rogue	33	33	30	27	26	28	25	27	40	50	50	51	51	51
52 Roza	13	13	0	3.6	0	5	4	4.3	13	13	13	13	13	13
53 Shoshone Falls	12	12	12	12	12	12	12	12	12	12	12	12	12	12
54 Snoq Elect & Nooksack	72	72	72	72	72	72	72	72	72	72	72	72	72	72
55 Soda Creek	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
56 South Fork Tolt	0	0	0	0	7	7	7	7	7	0	0	0	0	0
57 Spring Plants	26	28	28	30	31	31	30	30	27	28	28	27	26	26
58 Stone Creek	4	5.8	10	10	10	1.8	7.1	0.6	4.3	5.9	4.7	6.7	6	10
59 Strawberry Creek	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60 Swan Falls	14	14	16	18	19	19	17	17	16	16	16	15	14	14

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>61 The Dalles Fishway</i>	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.1	5.1	5.1	5.2
<i>62 Trail Bridge</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>63 TW Sullivan</i>	14	14	14	14	14	14	16	14	14	14	14	14	14	14
<i>64 Twin Falls</i>	5	5	8	4	11	14	10	8	0	0	0	0	0	7
<i>65 Upper Salmon 1 &amp; 2</i>	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<i>66 Upper Salmon 3 &amp; 4</i>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>67 Walthville</i>	5.4	5.8	3.8	4.6	4	5	3.1	7.2	8	6.3	6.3	9.5	9.5	7.7
<i>68 Wynochee</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>69 Yelm</i>	10	10	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1782</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1998</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>
<b>-Total Independent Hydro W/Enc.-</b>														
<i>70 Federal System</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>71 Public Entities</i>	269	269	290	291	292	295	291	298	328	332	331	336	332	293
<i>72 Investor-Owned Entities</i>	852	823	808	788	780	800	782	773	773	793	819	853	854	872
<i>73 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>74 Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1782</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1998</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Independent Hydro Projects-</b>														
1 American Falls	74	47	30	13	0	8.8	0	0	0	7.4	33	68	70	79
2 Anderson Ranch	40	40	38	38	38	38	36	35	34	34	34	37	38	36
3 Big Cliff	8	7	9	13	15	21	21	21	21	21	21	21	21	8
4 Big Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Black Canyon	10	10	7.9	9	5.9	7.1	8.8	4.8	7.9	10	10	10	8.1	7.5
6 Bliss	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 Blue River	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8 Boise River Diversion	3	3	3	3	0	0	0	0	0	0	3	3	3	3
9 Bonneville Fishway	24	24	24	24	12	12	12	24	24	24	24	24	24	24
10 Bull Run	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11 Calispel Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 Carmen-Smith	41	38	39	33	30	37	33	33	52	62	63	64	60	51
13 Cascade	14	11	6.5	6.8	0	0	4.9	0	0	0	0	0	0	6.7
14 Cedar Falls & Newhalem	0	0	24	30	30	30	30	30	30	30	30	30	30	0
15 Chandler	5.2	5.2	4.1	6.7	12	13	9.5	9.3	13	10	10	8.4	8.1	4.6
16 CJ Strike	85	85	85	85	85	85	85	85	85	85	85	85	85	85
17 Condit Sm Plts	30	30	34	33	32	35	33	34	37	37	37	37	37	32
18 Cougar	17	24	12	25	24	25	25	25	25	25	25	29	29	11
19 Cowlitz Falls	10	10	12	16	23	23	13	17	33	48	48	64	66	29
20 Detroit	115	115	115	115	115	96	96	115	115	115	115	115	115	115
21 Dexter	6	6	6	12	16	17	17	17	17	17	17	17	17	6
22 Felt	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23 Foster	4	10	4	8	6	22	22	22	22	22	22	23	23	6
24 Gem State Hydro	20	20	16	13	14	15	15	15	22	22	22	21	21	22
25 Green Peter	92	92	92	92	92	79	79	92	92	92	92	92	92	92
26 Green Springs - USBR	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27 Hills Creek	7	7	25	23	27	30	30	30	30	30	30	35	35	14
28 Hood Street	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0
29 Idaho Falls - City Plant	6	6	6	6	6	5	6	5	5	5	5	7	7	7
30 Idaho Falls - Lower Plant	6	6	7	7	6	5	6	6	5	6	6	7	7	7
31 Idaho Falls - Upper Plant	7	7	7	7	6	5	6	6	5	6	6	7	7	7
32 Island Park	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33 Jackson	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34 Klamath	92	92	92	92	92	92	92	91	91	92	92	92	92	92
35 Lake Creek	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
36 Leaburg	7.5	7.5	5.5	7.5	7.5	7.1	4	13	13	13	13	13	13	10
37 Lookout Point	138	138	138	138	114	67	67	114	138	138	138	138	138	138
38 Lost Creek	56	56	55	52	51	50	18	50	53	56	56	56	56	56
39 Lower Salmon	68	68	68	68	68	68	68	68	68	68	68	68	68	68
40 McNary Fishway	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.8	9.7	9.8
41 Mill Creek (WA)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42 Milltown/Flint Creek	1.2	1.2	1.2	1.2	1	0.6	0.6	0.5	0.2	0.9	0.9	1.5	1.7	1.5
43 Milner	0	0	0	0	6	10	5	3	0	0	0	0	0	0
44 Minidoka	30	30	28	19	15	18	26	15	16	22	22	30	30	30
45 Morse Creek	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46 Moyie Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 North Umpqua	175	175	175	175	175	175	175	175	175	175	175	175	175	175
48 Packwood	30	30	30	30	27	30	30	30	30	30	30	30	30	30
49 Palisades	131	131	128	109	108	116	122	128	131	131	131	131	131	131
50 Reader Gulch	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
51 Rogue	33	33	30	27	26	28	25	27	40	50	50	51	51	51
52 Roza	13	13	0	3.6	0	5	4	4.3	13	13	13	13	13	13
53 Shoshone Falls	12	12	12	12	12	12	12	12	12	12	12	12	12	12
54 Snoq Elect & Nooksack	72	72	72	72	72	72	72	72	72	72	72	72	72	72
55 Soda Creek	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
56 South Fork Tolt	0	0	0	0	7	7	7	7	7	0	0	0	0	0
57 Spring Plants	26	28	28	30	31	31	30	30	27	28	28	27	26	26
58 Stone Creek	4	5.8	10	10	10	1.8	7.1	0.6	4.3	5.9	4.7	6.7	6	10
59 Strawberry Creek	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60 Swan Falls	14	14	16	18	19	19	17	17	16	16	16	15	14	14

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>61 The Dalles Fishway</i>	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.1	5.1	5.1	5.2
<i>62 Trail Bridge</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>63 TW Sullivan</i>	14	14	14	14	14	14	16	14	14	14	14	14	14	14
<i>64 Twin Falls</i>	5	5	8	4	11	14	10	8	0	0	0	0	0	7
<i>65 Upper Salmon 1 &amp; 2</i>	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<i>66 Upper Salmon 3 &amp; 4</i>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>67 Wlterville</i>	5.4	5.8	3.8	4.6	4	5	3.1	7.2	8	6.3	6.3	9.5	9.5	7.7
<i>68 Wynochee</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>69 Yelm</i>	10	10	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1782</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1998</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>
<b>-Total Independent Hydro W/Enc.-</b>														
<i>70 Federal System</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>71 Public Entities</i>	269	269	290	291	292	295	291	298	328	332	331	336	332	293
<i>72 Investor-Owned Entities</i>	852	823	808	788	780	800	782	773	773	793	819	853	854	872
<i>73 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>74 Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1782</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1998</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Independent Hydro Projects-</i>														
1 American Falls	74	47	30	13	0	8.8	0	0	0	7.4	33	68	70	79
2 Anderson Ranch	40	40	38	38	38	38	36	35	34	34	34	37	38	36
3 Big Cliff	8	7	9	13	15	21	21	21	21	21	21	21	21	8
4 Big Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Black Canyon	10	10	7.9	9	5.9	7.1	8.8	4.8	7.9	10	10	10	8.1	7.5
6 Bliss	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 Blue River	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8 Boise River Diversion	3	3	3	3	0	0	0	0	0	0	3	3	3	3
9 Bonneville Fishway	24	24	24	24	12	12	12	24	24	24	24	24	24	24
10 Bull Run	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11 Calispel Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 Carmen-Smith	41	38	39	33	30	37	33	33	52	62	63	64	60	51
13 Cascade	14	11	6.5	6.8	0	0	4.9	0	0	0	0	0	0	6.7
14 Cedar Falls & Newhalem	0	0	24	30	30	30	30	30	30	30	30	30	30	0
15 Chandler	5.2	5.2	4.1	6.7	12	13	9.5	9.3	13	10	10	8.4	8.1	4.6
16 CJ Strike	85	85	85	85	85	85	85	85	85	85	85	85	85	85
17 Condit Sm Plts	30	30	34	33	32	35	33	34	37	37	37	37	37	32
18 Cougar	17	24	12	25	24	25	25	25	25	25	25	29	29	11
19 Cowlitz Falls	10	10	12	16	23	23	13	17	33	48	48	64	66	29
20 Detroit	115	115	115	115	115	96	96	115	115	115	115	115	115	115
21 Dexter	6	6	6	12	16	17	17	17	17	17	17	17	17	6
22 Felt	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23 Foster	4	10	4	8	6	22	22	22	22	22	22	23	23	6
24 Gem State Hydro	20	20	16	13	14	15	15	15	22	22	22	21	21	22
25 Green Peter	92	92	92	92	92	79	79	92	92	92	92	92	92	92
26 Green Springs - USBR	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27 Hills Creek	7	7	25	23	27	30	30	30	30	30	30	35	35	14
28 Hood Street	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0
29 Idaho Falls - City Plant	6	6	6	6	6	5	6	5	5	5	5	7	7	7
30 Idaho Falls - Lower Plant	6	6	7	7	6	5	6	6	5	6	6	7	7	7
31 Idaho Falls - Upper Plant	7	7	7	7	6	5	6	6	5	6	6	7	7	7
32 Island Park	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33 Jackson	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34 Klamath	92	92	92	92	92	92	92	91	91	92	92	92	92	92
35 Lake Creek	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
36 Leaburg	7.5	7.5	5.5	7.5	7.5	7.1	4	13	13	13	13	13	13	10
37 Lookout Point	138	138	138	138	114	67	67	114	138	138	138	138	138	138
38 Lost Creek	56	56	55	52	51	50	18	50	53	56	56	56	56	56
39 Lower Salmon	68	68	68	68	68	68	68	68	68	68	68	68	68	68
40 McNary Fishway	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.8	9.7	9.8
41 Mill Creek (WA)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42 Milltown/Flint Creek	1.2	1.2	1.2	1.2	1	0.6	0.6	0.5	0.2	0.9	0.9	1.5	1.7	1.5
43 Milner	0	0	0	0	6	10	5	3	0	0	0	0	0	0
44 Minidoka	30	30	28	19	15	18	26	15	16	22	22	30	30	30
45 Morse Creek	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46 Moyie Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 North Umpqua	175	175	175	175	175	175	175	175	175	175	175	175	175	175
48 Packwood	30	30	30	30	27	30	30	30	30	30	30	30	30	30
49 Palisades	131	131	128	109	108	116	122	128	131	131	131	131	131	131
50 Reader Gulch	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
51 Rogue	33	33	30	27	26	28	25	27	40	50	50	51	51	51
52 Roza	13	13	0	3.6	0	5	4	4.3	13	13	13	13	13	13
53 Shoshone Falls	12	12	12	12	12	12	12	12	12	12	12	12	12	12
54 Snoq Elect & Nooksack	72	72	72	72	72	72	72	72	72	72	72	72	72	72
55 Soda Creek	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
56 South Fork Tolt	0	0	0	0	7	7	7	7	7	0	0	0	0	0
57 Spring Plants	26	28	28	30	31	31	30	30	27	28	28	27	26	26
58 Stone Creek	4	5.8	10	10	10	1.8	7.1	0.6	4.3	5.9	4.7	6.7	6	10
59 Strawberry Creek	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60 Swan Falls	14	14	16	18	19	19	17	17	16	16	16	15	14	14

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
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<i>62 Trail Bridge</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>63 TW Sullivan</i>	14	14	14	14	14	14	16	14	14	14	14	14	14	14
<i>64 Twin Falls</i>	5	5	8	4	11	14	10	8	0	0	0	0	0	7
<i>65 Upper Salmon 1 &amp; 2</i>	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<i>66 Upper Salmon 3 &amp; 4</i>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>67 Watterville</i>	5.4	5.8	3.8	4.6	4	5	3.1	7.2	8	6.3	6.3	9.5	9.5	7.7
<i>68 Wynochee</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>69 Yelm</i>	10	10	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1782</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1998</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>
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<i>70 Federal System</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>71 Public Entities</i>	269	269	290	291	292	295	291	298	328	332	331	336	332	293
<i>72 Investor-Owned Entities</i>	852	823	808	788	780	800	782	773	773	793	819	853	854	872
<i>73 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>74 Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1782</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1998</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Independent Hydro Projects-</i>														
1 American Falls	74	47	30	13	0	8.8	0	0	0	7.4	33	68	70	79
2 Anderson Ranch	40	40	38	38	38	38	36	35	34	34	34	37	38	36
3 Big Cliff	8	7	9	13	15	21	21	21	21	21	21	21	21	8
4 Big Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Black Canyon	10	10	7.9	9	5.9	7.1	8.8	4.8	7.9	10	10	10	8.1	7.5
6 Bliss	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 Blue River	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8 Boise River Diversion	3	3	3	3	0	0	0	0	0	0	3	3	3	3
9 Bonneville Fishway	24	24	24	24	12	12	12	24	24	24	24	24	24	24
10 Bull Run	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11 Calispel Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 Carmen-Smith	41	38	39	33	30	37	33	33	52	62	63	64	60	51
13 Cascade	14	11	6.5	6.8	0	0	4.9	0	0	0	0	0	0	6.7
14 Cedar Falls & Newhalem	0	0	24	30	30	30	30	30	30	30	30	30	30	0
15 Chandler	5.2	5.2	4.1	6.7	12	13	9.5	9.3	13	10	10	8.4	8.1	4.6
16 CJ Strike	85	85	85	85	85	85	85	85	85	85	85	85	85	85
17 Condit Sm Plts	30	30	34	33	32	35	33	34	37	37	37	37	37	32
18 Cougar	17	24	12	25	24	25	25	25	25	25	25	29	29	11
19 Cowlitz Falls	10	10	12	16	23	23	13	17	33	48	48	64	66	29
20 Detroit	115	115	115	115	115	96	96	115	115	115	115	115	115	115
21 Dexter	6	6	6	12	16	17	17	17	17	17	17	17	17	6
22 Felt	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23 Foster	4	10	4	8	6	22	22	22	22	22	22	23	23	6
24 Gem State Hydro	20	20	16	13	14	15	15	15	22	22	22	21	21	22
25 Green Peter	92	92	92	92	92	79	79	92	92	92	92	92	92	92
26 Green Springs - USBR	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27 Hills Creek	7	7	25	23	27	30	30	30	30	30	30	35	35	14
28 Hood Street	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0
29 Idaho Falls - City Plant	6	6	6	6	6	5	6	5	5	5	5	7	7	7
30 Idaho Falls - Lower Plant	6	6	7	7	6	5	6	6	5	6	6	7	7	7
31 Idaho Falls - Upper Plant	7	7	7	7	6	5	6	6	5	6	6	7	7	7
32 Island Park	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33 Jackson	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34 Klamath	92	92	92	92	92	92	92	91	91	92	92	92	92	92
35 Lake Creek	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
36 Leaburg	7.5	7.5	5.5	7.5	7.5	7.1	4	13	13	13	13	13	13	10
37 Lookout Point	138	138	138	138	114	67	67	114	138	138	138	138	138	138
38 Lost Creek	56	56	55	52	51	50	18	50	53	56	56	56	56	56
39 Lower Salmon	68	68	68	68	68	68	68	68	68	68	68	68	68	68
40 McNary Fishway	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.8	9.7	9.8
41 Mill Creek (WA)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42 Milltown/Flint Creek	1.2	1.2	1.2	1.2	1.1	0.6	0.6	0.5	0.2	0.9	0.9	1.5	2.1	1.6
43 Milner	0	0	0	0	6	10	5	3	0	0	0	0	0	0
44 Minidoka	30	30	28	19	15	18	26	15	16	22	22	30	30	30
45 Morse Creek	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46 Moyie Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 North Umpqua	175	175	175	175	175	175	175	175	175	175	175	175	175	175
48 Packwood	30	30	30	30	27	30	30	30	30	30	30	30	30	30
49 Palisades	131	131	128	109	108	116	122	128	131	131	131	131	131	131
50 Reader Gulch	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
51 Rogue	33	33	30	27	26	28	25	27	40	50	50	51	51	51
52 Roza	13	13	0	3.6	0	5	4	4.3	13	13	13	13	13	13
53 Shoshone Falls	12	12	12	12	12	12	12	12	12	12	12	12	12	12
54 Snoq Elect & Nooksack	72	72	72	72	72	72	72	72	72	72	72	72	72	72
55 Soda Creek	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
56 South Fork Tolt	0	0	0	0	7	7	7	7	7	0	0	0	0	0
57 Spring Plants	26	28	28	30	31	31	30	30	27	28	28	27	26	26
58 Stone Creek	4	5.8	10	10	10	1.8	7.1	0.6	4.3	5.9	4.7	6.7	6	10
59 Strawberry Creek	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60 Swan Falls	14	14	16	18	19	19	17	17	16	16	16	15	14	14

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>61 The Dalles Fishway</i>	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.1	5.1	5.1	5.2
<i>62 Trail Bridge</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>63 TW Sullivan</i>	14	14	14	14	14	14	16	14	14	14	14	14	14	14
<i>64 Twin Falls</i>	5	5	8	4	11	14	10	8	0	0	0	0	0	7
<i>65 Upper Salmon 1 &amp; 2</i>	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<i>66 Upper Salmon 3 &amp; 4</i>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>67 Watterville</i>	5.4	5.8	3.8	4.6	4	5	3.1	7.2	8	6.3	6.3	9.5	9.5	7.7
<i>68 Wynochee</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>69 Yelm</i>	10	10	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1782</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1998</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>
<b>-Total Independent Hydro W/Enc.-</b>														
<i>70 Federal System</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>71 Public Entities</i>	269	269	290	291	292	295	291	298	328	332	331	336	332	293
<i>72 Investor-Owned Entities</i>	852	823	808	788	780	800	782	773	773	793	819	853	854	872
<i>73 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>74 Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1782</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1998</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>



Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
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12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Independent Hydro Projects-</i>														
1 American Falls	74	47	30	13	0	8.8	0	0	0	7.4	33	68	70	79
2 Anderson Ranch	40	40	38	38	38	38	36	35	34	34	34	37	38	36
3 Big Cliff	8	7	9	13	15	21	21	21	21	21	21	21	21	8
4 Big Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Black Canyon	10	10	7.9	9	5.9	7.1	8.8	4.8	7.9	10	10	10	8.1	7.5
6 Bliss	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 Blue River	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8 Boise River Diversion	3	3	3	3	0	0	0	0	0	0	3	3	3	3
9 Bonneville Fishway	24	24	24	24	12	12	12	24	24	24	24	24	24	24
10 Bull Run	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11 Calispel Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 Carmen-Smith	41	38	39	33	30	37	33	33	52	62	63	64	60	51
13 Cascade	14	11	6.5	6.8	0	0	4.9	0	0	0	0	0	0	6.7
14 Cedar Falls & Newhalem	0	0	24	30	30	30	30	30	30	30	30	30	30	0
15 Chandler	5.2	5.2	4.1	6.7	12	13	9.5	9.3	13	10	10	8.4	8.1	4.6
16 CJ Strike	85	85	85	85	85	85	85	85	85	85	85	85	85	85
17 Condit Sm Plts	30	30	34	33	32	35	33	34	37	37	37	37	37	32
18 Cougar	17	24	12	25	24	25	25	25	25	25	25	29	29	11
19 Cowlitz Falls	10	10	12	16	23	23	13	17	33	48	48	64	66	29
20 Detroit	115	115	115	115	115	96	96	115	115	115	115	115	115	115
21 Dexter	6	6	6	12	16	17	17	17	17	17	17	17	17	6
22 Felt	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23 Foster	4	10	4	8	6	22	22	22	22	22	22	23	23	6
24 Gem State Hydro	20	20	16	13	14	15	15	15	22	22	22	21	21	22
25 Green Peter	92	92	92	92	92	79	79	92	92	92	92	92	92	92
26 Green Springs - USBR	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27 Hills Creek	7	7	25	23	27	30	30	30	30	30	30	35	35	14
28 Hood Street	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0
29 Idaho Falls - City Plant	6	6	6	6	6	5	6	5	5	5	5	7	7	7
30 Idaho Falls - Lower Plant	6	6	7	7	6	5	6	6	5	6	6	7	7	7
31 Idaho Falls - Upper Plant	7	7	7	7	6	5	6	6	5	6	6	7	7	7
32 Island Park	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33 Jackson	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34 Klamath	92	92	92	92	92	92	92	91	91	92	92	92	92	92
35 Lake Creek	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
36 Leaburg	7.5	7.5	5.5	7.5	7.5	7.1	4	13	13	13	13	13	13	10
37 Lookout Point	138	138	138	138	114	67	67	114	138	138	138	138	138	138
38 Lost Creek	56	56	55	52	51	50	18	50	53	56	56	56	56	56
39 Lower Salmon	68	68	68	68	68	68	68	68	68	68	68	68	68	68
40 McNary Fishway	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.8	9.7	9.8
41 Mill Creek (WA)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42 Milltown/Flint Creek	1.2	1.2	1.2	1.3	1.4	0.7	0.7	0.7	0.3	1.2	1.2	1.5	1.7	1.6
43 Milner	0	0	0	0	6	10	5	3	0	0	0	0	0	0
44 Minidoka	30	30	28	19	15	18	26	15	16	22	22	30	30	30
45 Morse Creek	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46 Moyie Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 North Umpqua	175	175	175	175	175	175	175	175	175	175	175	175	175	175
48 Packwood	30	30	30	30	27	30	30	30	30	30	30	30	30	30
49 Palisades	131	131	128	109	108	116	122	128	131	131	131	131	131	131
50 Reader Gulch	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
51 Rogue	33	33	30	27	26	28	25	27	40	50	50	51	51	51
52 Roza	13	13	0	3.6	0	5	4	4.3	13	13	13	13	13	13
53 Shoshone Falls	12	12	12	12	12	12	12	12	12	12	12	12	12	12
54 Snoq Elect & Nooksack	72	72	72	72	72	72	72	72	72	72	72	72	72	72
55 Soda Creek	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
56 South Fork Tolt	0	0	0	0	7	7	7	7	7	0	0	0	0	0
57 Spring Plants	26	28	28	30	31	31	30	30	27	28	28	27	26	26
58 Stone Creek	4	5.8	10	10	10	1.8	7.1	0.6	4.3	5.9	4.7	6.7	6	10
59 Strawberry Creek	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60 Swan Falls	14	14	16	18	19	19	17	17	16	16	16	15	14	14

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>61 The Dalles Fishway</i>	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.1	5.1	5.1	5.2
<i>62 Trail Bridge</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>63 TW Sullivan</i>	14	14	14	14	14	14	16	14	14	14	14	14	14	14
<i>64 Twin Falls</i>	5	5	8	4	11	14	10	8	0	0	0	0	0	7
<i>65 Upper Salmon 1 &amp; 2</i>	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<i>66 Upper Salmon 3 &amp; 4</i>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>67 Watterville</i>	5.4	5.8	3.8	4.6	4	5	3.1	7.2	8	6.3	6.3	9.5	9.5	7.7
<i>68 Wynochee</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>69 Yelm</i>	10	10	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1783</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1999</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>
<i>-Total Independent Hydro W/Enc.-</i>														
<i>70 Federal System</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>71 Public Entities</i>	269	269	290	291	292	295	291	298	328	332	331	336	332	293
<i>72 Investor-Owned Entities</i>	852	823	808	788	780	801	782	773	773	794	819	853	854	872
<i>73 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>74 Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1783</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1999</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Independent Hydro Projects-</b>														
1 American Falls	74	47	30	13	0	8.8	0	0	0	7.4	33	68	70	79
2 Anderson Ranch	40	40	38	38	38	38	36	35	34	34	34	37	38	36
3 Big Cliff	8	7	9	13	15	21	21	21	21	21	21	21	21	8
4 Big Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Black Canyon	10	10	7.9	9	5.9	7.1	8.8	4.8	7.9	10	10	10	8.1	7.5
6 Bliss	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 Blue River	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8 Boise River Diversion	3	3	3	3	0	0	0	0	0	0	3	3	3	3
9 Bonneville Fishway	24	24	24	24	12	12	12	24	24	24	24	24	24	24
10 Bull Run	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11 Calispel Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 Carmen-Smith	41	38	39	33	30	37	33	33	52	62	63	64	60	51
13 Cascade	14	11	6.5	6.8	0	0	4.9	0	0	0	0	0	0	6.7
14 Cedar Falls & Newhalem	0	0	24	30	30	30	30	30	30	30	30	30	30	0
15 Chandler	5.2	5.2	4.1	6.7	12	13	9.5	9.3	13	10	10	8.4	8.1	4.6
16 CJ Strike	85	85	85	85	85	85	85	85	85	85	85	85	85	85
17 Condit Sm Plts	30	30	34	33	32	35	33	34	37	37	37	37	37	32
18 Cougar	17	24	12	25	24	25	25	25	25	25	25	29	29	11
19 Cowlitz Falls	10	10	12	16	23	23	13	17	33	48	48	64	66	29
20 Detroit	115	115	115	115	115	96	96	115	115	115	115	115	115	115
21 Dexter	6	6	6	12	16	17	17	17	17	17	17	17	17	6
22 Felt	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23 Foster	4	10	4	8	6	22	22	22	22	22	22	23	23	6
24 Gem State Hydro	20	20	16	13	14	15	15	15	22	22	22	21	21	22
25 Green Peter	92	92	92	92	92	79	79	92	92	92	92	92	92	92
26 Green Springs - USBR	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27 Hills Creek	7	7	25	23	27	30	30	30	30	30	30	35	35	14
28 Hood Street	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0
29 Idaho Falls - City Plant	6	6	6	6	6	5	6	5	5	5	5	7	7	7
30 Idaho Falls - Lower Plant	6	6	7	7	6	5	6	6	5	6	6	7	7	7
31 Idaho Falls - Upper Plant	7	7	7	7	6	5	6	6	5	6	6	7	7	7
32 Island Park	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33 Jackson	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34 Klamath	92	92	92	92	92	92	92	91	91	92	92	92	92	92
35 Lake Creek	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
36 Leaburg	7.5	7.5	5.5	7.5	7.5	7.1	4	13	13	13	13	13	13	10
37 Lookout Point	138	138	138	138	114	67	67	114	138	138	138	138	138	138
38 Lost Creek	56	56	55	52	51	50	18	50	53	56	56	56	56	56
39 Lower Salmon	68	68	68	68	68	68	68	68	68	68	68	68	68	68
40 McNary Fishway	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.8	9.7	9.8
41 Mill Creek (WA)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42 Milltown/Flint Creek	1.2	1.2	1.2	1.3	1.4	0.7	0.7	0.7	0.3	1.2	1.2	1.5	1.7	1.6
43 Milner	0	0	0	0	6	10	5	3	0	0	0	0	0	0
44 Minidoka	30	30	28	19	15	18	26	15	16	22	22	30	30	30
45 Morse Creek	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46 Moyie Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 North Umpqua	175	175	175	175	175	175	175	175	175	175	175	175	175	175
48 Packwood	30	30	30	30	27	30	30	30	30	30	30	30	30	30
49 Palisades	131	131	128	109	108	116	122	128	131	131	131	131	131	131
50 Reader Gulch	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
51 Rogue	33	33	30	27	26	28	25	27	40	50	50	51	51	51
52 Roza	13	13	0	3.6	0	5	4	4.3	13	13	13	13	13	13
53 Shoshone Falls	12	12	12	12	12	12	12	12	12	12	12	12	12	12
54 Snoq Elect & Nooksack	72	72	72	72	72	72	72	72	72	72	72	72	72	72
55 Soda Creek	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
56 South Fork Tolt	0	0	0	0	7	7	7	7	7	0	0	0	0	0
57 Spring Plants	26	28	28	30	31	31	30	30	27	28	28	27	26	26
58 Stone Creek	4	5.8	10	10	10	1.8	7.1	0.6	4.3	5.9	4.7	6.7	6	10
59 Strawberry Creek	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60 Swan Falls	14	14	16	18	19	19	17	17	16	16	16	15	14	14

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>61 The Dalles Fishway</i>	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.1	5.1	5.1	5.2
<i>62 Trail Bridge</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>63 TW Sullivan</i>	14	14	14	14	14	14	16	14	14	14	14	14	14	14
<i>64 Twin Falls</i>	5	5	8	4	11	14	10	8	0	0	0	0	0	7
<i>65 Upper Salmon 1 &amp; 2</i>	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<i>66 Upper Salmon 3 &amp; 4</i>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>67 Walthville</i>	5.4	5.8	3.8	4.6	4	5	3.1	7.2	8	6.3	6.3	9.5	9.5	7.7
<i>68 Wynochee</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>69 Yelm</i>	10	10	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1783</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1999</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>
<i>-Total Independent Hydro W/Enc.-</i>														
<i>70 Federal System</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>71 Public Entities</i>	269	269	290	291	292	295	291	298	328	332	331	336	332	293
<i>72 Investor-Owned Entities</i>	852	823	808	788	780	801	782	773	773	794	819	854	854	872
<i>73 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>74 Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1783</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1999</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>

Table A-4: Regional Independent Hydro Projects  
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12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Independent Hydro Projects-</b>														
1 American Falls	74	47	30	13	0	8.8	0	0	0	7.4	33	68	70	79
2 Anderson Ranch	40	40	38	38	38	38	36	35	34	34	34	37	38	36
3 Big Cliff	8	7	9	13	15	21	21	21	21	21	21	21	21	8
4 Big Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Black Canyon	10	10	7.9	9	5.9	7.1	8.8	4.8	7.9	10	10	10	8.1	7.5
6 Bliss	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 Blue River	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8 Boise River Diversion	3	3	3	3	0	0	0	0	0	0	3	3	3	3
9 Bonneville Fishway	24	24	24	24	12	12	12	24	24	24	24	24	24	24
10 Bull Run	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11 Calispel Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 Carmen-Smith	41	38	39	33	30	37	33	33	52	62	63	64	60	51
13 Cascade	14	11	6.5	6.8	0	0	4.9	0	0	0	0	0	0	6.7
14 Cedar Falls & Newhalem	0	0	24	30	30	30	30	30	30	30	30	30	30	0
15 Chandler	5.2	5.2	4.1	6.7	12	13	9.5	9.3	13	10	10	8.4	8.1	4.6
16 CJ Strike	85	85	85	85	85	85	85	85	85	85	85	85	85	85
17 Condit Sm Plts	30	30	34	33	32	35	33	34	37	37	37	37	37	32
18 Cougar	17	24	12	25	24	25	25	25	25	25	25	29	29	11
19 Cowlitz Falls	10	10	12	16	23	23	13	17	33	48	48	64	66	29
20 Detroit	115	115	115	115	115	96	96	115	115	115	115	115	115	115
21 Dexter	6	6	6	12	16	17	17	17	17	17	17	17	17	6
22 Felt	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23 Foster	4	10	4	8	6	22	22	22	22	22	22	23	23	6
24 Gem State Hydro	20	20	16	13	14	15	15	15	22	22	22	21	21	22
25 Green Peter	92	92	92	92	92	79	79	92	92	92	92	92	92	92
26 Green Springs - USBR	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27 Hills Creek	7	7	25	23	27	30	30	30	30	30	30	35	35	14
28 Hood Street	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0
29 Idaho Falls - City Plant	6	6	6	6	6	5	6	5	5	5	5	7	7	7
30 Idaho Falls - Lower Plant	6	6	7	7	6	5	6	6	5	6	6	7	7	7
31 Idaho Falls - Upper Plant	7	7	7	7	6	5	6	6	5	6	6	7	7	7
32 Island Park	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33 Jackson	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34 Klamath	92	92	92	92	92	92	92	91	91	92	92	92	92	92
35 Lake Creek	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
36 Leaburg	7.5	7.5	5.5	7.5	7.5	7.1	4	13	13	13	13	13	13	10
37 Lookout Point	138	138	138	138	114	67	67	114	138	138	138	138	138	138
38 Lost Creek	56	56	55	52	51	50	18	50	53	56	56	56	56	56
39 Lower Salmon	68	68	68	68	68	68	68	68	68	68	68	68	68	68
40 McNary Fishway	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.8	9.7	9.8
41 Mill Creek (WA)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42 Milltown/Flint Creek	1.2	1.2	1.2	1.3	1.4	0.7	0.8	0.7	0.3	1.2	1.2	1.5	2.1	1.6
43 Milner	0	0	0	0	6	10	5	3	0	0	0	0	0	0
44 Minidoka	30	30	28	19	15	18	26	15	16	22	22	30	30	30
45 Morse Creek	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46 Moyie Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 North Umpqua	175	175	175	175	175	175	175	175	175	175	175	175	175	175
48 Packwood	30	30	30	30	27	30	30	30	30	30	30	30	30	30
49 Palisades	131	131	128	109	108	116	122	128	131	131	131	131	131	131
50 Reader Gulch	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
51 Rogue	33	33	30	27	26	28	25	27	40	50	50	51	51	51
52 Roza	13	13	0	3.6	0	5	4	4.3	13	13	13	13	13	13
53 Shoshone Falls	12	12	12	12	12	12	12	12	12	12	12	12	12	12
54 Snoq Elect & Nooksack	72	72	72	72	72	72	72	72	72	72	72	72	72	72
55 Soda Creek	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
56 South Fork Tolt	0	0	0	0	7	7	7	7	7	0	0	0	0	0
57 Spring Plants	26	28	28	30	31	31	30	30	27	28	28	27	26	26
58 Stone Creek	4	5.8	10	10	10	1.8	7.1	0.6	4.3	5.9	4.7	6.7	6	10
59 Strawberry Creek	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60 Swan Falls	14	14	16	18	19	19	17	17	16	16	16	15	14	14

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>61 The Dalles Fishway</i>	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.1	5.1	5.1	5.2
<i>62 Trail Bridge</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>63 TW Sullivan</i>	14	14	14	14	14	14	16	14	14	14	14	14	14	14
<i>64 Twin Falls</i>	5	5	8	4	11	14	10	8	0	0	0	0	0	7
<i>65 Upper Salmon 1 &amp; 2</i>	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<i>66 Upper Salmon 3 &amp; 4</i>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>67 Watterville</i>	5.4	5.8	3.8	4.6	4	5	3.1	7.2	8	6.3	6.3	9.5	9.5	7.7
<i>68 Wynochee</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>69 Yelm</i>	10	10	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1783</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1999</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>
<b>-Total Independent Hydro W/Enc.-</b>														
<i>70 Federal System</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>71 Public Entities</i>	269	269	290	291	292	295	291	298	328	332	331	336	332	293
<i>72 Investor-Owned Entities</i>	852	823	808	788	780	801	782	773	773	794	819	854	855	872
<i>73 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>74 Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1783</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1999</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Independent Hydro Projects-</b>														
1 American Falls	74	47	30	13	0	8.8	0	0	0	7.4	33	68	70	79
2 Anderson Ranch	40	40	38	38	38	38	36	35	34	34	34	37	38	36
3 Big Cliff	8	7	9	13	15	21	21	21	21	21	21	21	21	8
4 Big Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Black Canyon	10	10	7.9	9	5.9	7.1	8.8	4.8	7.9	10	10	10	8.1	7.5
6 Bliss	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 Blue River	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8 Boise River Diversion	3	3	3	3	0	0	0	0	0	0	3	3	3	3
9 Bonneville Fishway	24	24	24	24	12	12	12	24	24	24	24	24	24	24
10 Bull Run	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11 Calispel Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 Carmen-Smith	41	38	39	33	30	37	33	33	52	62	63	64	60	51
13 Cascade	14	11	6.5	6.8	0	0	4.9	0	0	0	0	0	0	6.7
14 Cedar Falls & Newhalem	0	0	24	30	30	30	30	30	30	30	30	30	30	0
15 Chandler	5.2	5.2	4.1	6.7	12	13	9.5	9.3	13	10	10	8.4	8.1	4.6
16 CJ Strike	85	85	85	85	85	85	85	85	85	85	85	85	85	85
17 Condit Sm Plts	30	30	34	33	32	35	33	34	37	37	37	37	37	32
18 Cougar	17	24	12	25	24	25	25	25	25	25	25	29	29	11
19 Cowlitz Falls	10	10	12	16	23	23	13	17	33	48	48	64	66	29
20 Detroit	115	115	115	115	115	96	96	115	115	115	115	115	115	115
21 Dexter	6	6	6	12	16	17	17	17	17	17	17	17	17	6
22 Felt	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23 Foster	4	10	4	8	6	22	22	22	22	22	22	23	23	6
24 Gem State Hydro	20	20	16	13	14	15	15	15	22	22	22	21	21	22
25 Green Peter	92	92	92	92	92	79	79	92	92	92	92	92	92	92
26 Green Springs - USBR	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27 Hills Creek	7	7	25	23	27	30	30	30	30	30	30	35	35	14
28 Hood Street	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0
29 Idaho Falls - City Plant	6	6	6	6	6	5	6	5	5	5	5	7	7	7
30 Idaho Falls - Lower Plant	6	6	7	7	6	5	6	6	5	6	6	7	7	7
31 Idaho Falls - Upper Plant	7	7	7	7	6	5	6	6	5	6	6	7	7	7
32 Island Park	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33 Jackson	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34 Klamath	92	92	92	92	92	92	92	91	91	92	92	92	92	92
35 Lake Creek	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
36 Leaburg	7.5	7.5	5.5	7.5	7.5	7.1	4	13	13	13	13	13	13	10
37 Lookout Point	138	138	138	138	114	67	67	114	138	138	138	138	138	138
38 Lost Creek	56	56	55	52	51	50	18	50	53	56	56	56	56	56
39 Lower Salmon	68	68	68	68	68	68	68	68	68	68	68	68	68	68
40 McNary Fishway	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.8	9.7	9.8
41 Mill Creek (WA)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42 Milltown/Flint Creek	1.2	1.2	1.2	1.3	1.4	0.7	0.8	0.7	0.3	1.2	1.2	1.6	1.8	1.6
43 Milner	0	0	0	0	6	10	5	3	0	0	0	0	0	0
44 Minidoka	30	30	28	19	15	18	26	15	16	22	22	30	30	30
45 Morse Creek	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46 Moyie Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 North Umpqua	175	175	175	175	175	175	175	175	175	175	175	175	175	175
48 Packwood	30	30	30	30	27	30	30	30	30	30	30	30	30	30
49 Palisades	131	131	128	109	108	116	122	128	131	131	131	131	131	131
50 Reader Gulch	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
51 Rogue	33	33	30	27	26	28	25	27	40	50	50	51	51	51
52 Roza	13	13	0	3.6	0	5	4	4.3	13	13	13	13	13	13
53 Shoshone Falls	12	12	12	12	12	12	12	12	12	12	12	12	12	12
54 Snoq Elect & Nooksack	72	72	72	72	72	72	72	72	72	72	72	72	72	72
55 Soda Creek	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
56 South Fork Tolt	0	0	0	0	7	7	7	7	7	0	0	0	0	0
57 Spring Plants	26	28	28	30	31	31	30	30	27	28	28	27	26	26
58 Stone Creek	4	5.8	10	10	10	1.8	7.1	0.6	4.3	5.9	4.7	6.7	6	10
59 Strawberry Creek	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60 Swan Falls	14	14	16	18	19	19	17	17	16	16	16	15	14	14

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
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12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>61 The Dalles Fishway</i>	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.1	5.1	5.1	5.2
<i>62 Trail Bridge</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>63 TW Sullivan</i>	14	14	14	14	14	14	16	14	14	14	14	14	14	14
<i>64 Twin Falls</i>	5	5	8	4	11	14	10	8	0	0	0	0	0	7
<i>65 Upper Salmon 1 &amp; 2</i>	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<i>66 Upper Salmon 3 &amp; 4</i>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>67 Watterville</i>	5.4	5.8	3.8	4.6	4	5	3.1	7.2	8	6.3	6.3	9.5	9.5	7.7
<i>68 Wynochee</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>69 Yelm</i>	10	10	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1783</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1999</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>
<i>-Total Independent Hydro W/Enc.-</i>														
<i>70 Federal System</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>71 Public Entities</i>	269	269	290	291	292	295	291	298	328	332	331	336	332	293
<i>72 Investor-Owned Entities</i>	852	823	808	788	781	801	782	773	773	794	819	854	854	872
<i>73 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>74 Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1783</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1999</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>



Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Independent Hydro Projects-</b>														
1 American Falls	74	47	30	13	0	8.8	0	0	0	7.4	33	68	70	79
2 Anderson Ranch	40	40	38	38	38	38	36	35	34	34	34	37	38	36
3 Big Cliff	8	7	9	13	15	21	21	21	21	21	21	21	21	8
4 Big Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Black Canyon	10	10	7.9	9	5.9	7.1	8.8	4.8	7.9	10	10	10	8.1	7.5
6 Bliss	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 Blue River	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8 Boise River Diversion	3	3	3	3	0	0	0	0	0	0	3	3	3	3
9 Bonneville Fishway	24	24	24	24	12	12	12	24	24	24	24	24	24	24
10 Bull Run	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11 Calispel Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 Carmen-Smith	41	38	39	33	30	37	33	33	52	62	63	64	60	51
13 Cascade	14	11	6.5	6.8	0	0	4.9	0	0	0	0	0	0	6.7
14 Cedar Falls & Newhalem	0	0	24	30	30	30	30	30	30	30	30	30	30	0
15 Chandler	5.2	5.2	4.1	6.7	12	13	9.5	9.3	13	10	10	8.4	8.1	4.6
16 CJ Strike	85	85	85	85	85	85	85	85	85	85	85	85	85	85
17 Condit Sm Plts	30	30	34	33	32	35	33	34	37	37	37	37	37	32
18 Cougar	17	24	12	25	24	25	25	25	25	25	25	29	29	11
19 Cowlitz Falls	10	10	12	16	23	23	13	17	33	48	48	64	66	29
20 Detroit	115	115	115	115	115	96	96	115	115	115	115	115	115	115
21 Dexter	6	6	6	12	16	17	17	17	17	17	17	17	17	6
22 Felt	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23 Foster	4	10	4	8	6	22	22	22	22	22	22	23	23	6
24 Gem State Hydro	20	20	16	13	14	15	15	15	22	22	22	21	21	22
25 Green Peter	92	92	92	92	92	79	79	92	92	92	92	92	92	92
26 Green Springs - USBR	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27 Hills Creek	7	7	25	23	27	30	30	30	30	30	30	35	35	14
28 Hood Street	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0
29 Idaho Falls - City Plant	6	6	6	6	6	5	6	5	5	5	5	7	7	7
30 Idaho Falls - Lower Plant	6	6	7	7	6	5	6	6	5	6	6	7	7	7
31 Idaho Falls - Upper Plant	7	7	7	7	6	5	6	6	5	6	6	7	7	7
32 Island Park	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33 Jackson	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34 Klamath	92	92	92	92	92	92	92	91	91	92	92	92	92	92
35 Lake Creek	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
36 Leaburg	7.5	7.5	5.5	7.5	7.5	7.1	4	13	13	13	13	13	13	10
37 Lookout Point	138	138	138	138	114	67	67	114	138	138	138	138	138	138
38 Lost Creek	56	56	55	52	51	50	18	50	53	56	56	56	56	56
39 Lower Salmon	68	68	68	68	68	68	68	68	68	68	68	68	68	68
40 McNary Fishway	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.8	9.7	9.8
41 Mill Creek (WA)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42 Milltown/Flint Creek	1.2	1.2	1.2	1.3	1.4	0.7	0.8	0.7	0.3	1.2	1.2	1.6	1.8	1.6
43 Milner	0	0	0	0	6	10	5	3	0	0	0	0	0	0
44 Minidoka	30	30	28	19	15	18	26	15	16	22	22	30	30	30
45 Morse Creek	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46 Moyie Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 North Umpqua	175	175	175	175	175	175	175	175	175	175	175	175	175	175
48 Packwood	30	30	30	30	27	30	30	30	30	30	30	30	30	30
49 Palisades	131	131	128	109	108	116	122	128	131	131	131	131	131	131
50 Reader Gulch	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
51 Rogue	33	33	30	27	26	28	25	27	40	50	50	51	51	51
52 Roza	13	13	0	3.6	0	5	4	4.3	13	13	13	13	13	13
53 Shoshone Falls	12	12	12	12	12	12	12	12	12	12	12	12	12	12
54 Snoq Elect & Nooksack	72	72	72	72	72	72	72	72	72	72	72	72	72	72
55 Soda Creek	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
56 South Fork Tolt	0	0	0	0	7	7	7	7	7	0	0	0	0	0
57 Spring Plants	26	28	28	30	31	31	30	30	27	28	28	27	26	26
58 Stone Creek	4	5.8	10	10	10	1.8	7.1	0.6	4.3	5.9	4.7	6.7	6	10
59 Strawberry Creek	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60 Swan Falls	14	14	16	18	19	19	17	17	16	16	16	15	14	14

Table A-4: Regional Independent Hydro Projects  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>61 The Dalles Fishway</i>	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.1	5.1	5.1	5.2
<i>62 Trail Bridge</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>63 TW Sullivan</i>	14	14	14	14	14	14	16	14	14	14	14	14	14	14
<i>64 Twin Falls</i>	5	5	8	4	11	14	10	8	0	0	0	0	0	7
<i>65 Upper Salmon 1 &amp; 2</i>	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<i>66 Upper Salmon 3 &amp; 4</i>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>67 Watterville</i>	5.4	5.8	3.8	4.6	4	5	3.1	7.2	8	6.3	6.3	9.5	9.5	7.7
<i>68 Wynochee</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>69 Yelm</i>	10	10	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1783</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1999</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>
<b>-Total Independent Hydro W/Enc.-</b>														
<i>70 Federal System</i>	748	760	742	747	711	673	644	760	820	845	848	887	889	765
<i>71 Public Entities</i>	269	269	290	291	292	295	291	298	328	332	331	336	332	293
<i>72 Investor-Owned Entities</i>	852	823	808	788	781	801	782	773	773	794	819	854	854	872
<i>73 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>74 Total Independent Hydro w/Enc.</b>	<b>1870</b>	<b>1852</b>	<b>1841</b>	<b>1826</b>	<b>1783</b>	<b>1769</b>	<b>1717</b>	<b>1830</b>	<b>1922</b>	<b>1971</b>	<b>1999</b>	<b>2077</b>	<b>2075</b>	<b>1930</b>

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Table A-5  
Imports  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-5: Regional Imports  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Imports From East of Continental Divide-</b>														
1 BEPC To NWE PwrS	0	0	0	0	98	98	98	98	98	98	98	0	0	0
2 NWE To NWE PwrS	232	200	199	392	142	198	175	175	113	107	121	245	192	239
3 Other Entities To AVWP	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4 Other Entities To CKPD	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5 Other Entities To IPC	80	80	0	0	0	0	0	0	0	0	0	0	80	80
6 PPL To BPA PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
7 PPL To PPL PwrS	215	215	193	191	224	233	231	218	162	172	172	121	206	202
<b>8 Total Imports From ECD</b>	<b>650</b>	<b>618</b>	<b>544</b>	<b>801</b>	<b>735</b>	<b>854</b>	<b>803</b>	<b>746</b>	<b>600</b>	<b>577</b>	<b>591</b>	<b>477</b>	<b>606</b>	<b>665</b>
<b>-Imports From Pacific Southwest-</b>														
9 BURB To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BURB To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 GLEN To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 GLEN To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 GLEN To PGE S/Pwr/X	0	0	0	0	30	30	30	30	0	0	0	0	0	0
14 NCPA To SCL S/Pwr/X	0	0	0	0	24	46	46	46	46	12	12	0	0	0
15 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PASA To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PG&E To PSE S/Pwr/X	0	0	0	0	300	300	300	300	0	0	0	0	0	0
21 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 RVSD To BPA S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>27 Total Imports From PSW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>354</b>	<b>376</b>	<b>376</b>	<b>376</b>	<b>46</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Imports From Inland Southwest-</b>														
28 Other Entities To BPA	50	50	50	50	50	50	50	50	50	50	50	0	0	50
29 SPP To BPA PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
30 UPL To UPL PwrS	527	527	479	430	425	437	420	432	435	419	419	479	562	630
31 WAPA To GLEC ARP	3.3	3.3	3.1	2.9	3.3	3.7	3.8	4	3.3	3.3	3.3	2.8	3.1	3.3
<b>32 Total Imports From ISW</b>	<b>655</b>	<b>655</b>	<b>607</b>	<b>528</b>	<b>523</b>	<b>536</b>	<b>519</b>	<b>531</b>	<b>533</b>	<b>547</b>	<b>547</b>	<b>557</b>	<b>640</b>	<b>759</b>
<b>-Imports From Canada-</b>														
33 BCHP To BPA PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34 BCHP To SCL PwrS	142	142	142	142	97	118	149	182	208	142	142	142	142	142
35 Other Entities To PSE	3.2	3.2	2.7	3.6	4.3	4.8	4	4	1.8	3.6	3.6	3.4	2.6	2.6
<b>36 Total Imports From Canada</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>147</b>	<b>102</b>	<b>124</b>	<b>154</b>	<b>187</b>	<b>211</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>146</b>
<b>-Imports From Other Entities-</b>														
<b>37 Total Imports From Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Imports-</b>														
38 Federal System	139	139	168	204	257	311	285	241	213	216	216	76	94	160
39 Public Entities	156	156	156	155	135	178	209	242	268	168	168	155	156	156
40 Investor-Owned Entities	1158	1126	974	1117	1323	1401	1358	1357	909	899	913	949	1143	1254
41 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>42 Total Imports.</b>	<b>1453</b>	<b>1421</b>	<b>1298</b>	<b>1476</b>	<b>1715</b>	<b>1890</b>	<b>1852</b>	<b>1841</b>	<b>1390</b>	<b>1283</b>	<b>1297</b>	<b>1180</b>	<b>1393</b>	<b>1570</b>

Table A-5: Regional Imports  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Imports From East of Continental Divide-</b>														
1 BEPC To NWE PwrS	0	0	0	0	98	98	98	98	98	98	98	0	0	0
2 NWE To NWE PwrS	232	199	198	202	147	204	181	181	118	112	126	251	295	245
3 Other Entities To AVWP	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4 Other Entities To CKPD	10	10	10	0	0	0	0	0	0	0	0	0	0	0
5 Other Entities To IPC	80	80	0	0	0	0	0	0	0	0	0	0	80	80
6 PPL To BPA PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
7 PPL To PPL PwrS	126	126	137	132	158	176	165	155	115	122	122	88	143	140
<b>8 Total Imports From ECD</b>	<b>561</b>	<b>528</b>	<b>486</b>	<b>542</b>	<b>664</b>	<b>793</b>	<b>733</b>	<b>679</b>	<b>548</b>	<b>522</b>	<b>536</b>	<b>440</b>	<b>636</b>	<b>599</b>
<b>-Imports From Pacific Southwest-</b>														
9 BURB To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BURB To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 GLEN To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 GLEN To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 GLEN To PGE S/Pwr/X	0	0	0	0	30	30	30	30	0	0	0	0	0	0
14 NCPA To SCL S/Pwr/X	0	0	0	0	24	46	46	46	46	12	12	0	0	0
15 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PASA To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PG&E To PSE S/Pwr/X	0	0	0	0	300	300	300	300	0	0	0	0	0	0
21 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 RVSD To BPA S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>27 Total Imports From PSW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>354</b>	<b>376</b>	<b>376</b>	<b>376</b>	<b>46</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Imports From Inland Southwest-</b>														
28 Other Entities To BPA	50	50	50	50	50	50	0	0	0	0	0	0	0	0
29 SPP To BPA PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
30 UPL To UPL PwrS	545	545	483	428	416	437	422	434	436	421	421	481	566	633
31 WAPA To GLEC ARP	3.3	3.3	3.1	0	0	0	0	0	0	0	0	0	0	0
<b>32 Total Imports From ISW</b>	<b>673</b>	<b>673</b>	<b>611</b>	<b>523</b>	<b>511</b>	<b>532</b>	<b>467</b>	<b>479</b>	<b>481</b>	<b>496</b>	<b>496</b>	<b>556</b>	<b>641</b>	<b>708</b>
<b>-Imports From Canada-</b>														
33 BCHP To BPA PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34 BCHP To SCL PwrS	142	142	142	142	97	118	149	182	208	142	142	142	142	142
35 Other Entities To PSE	3.2	3.2	2.7	3.6	4.3	4.8	4	4	1.8	3.6	3.6	3.4	2.6	2.6
<b>36 Total Imports From Canada</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>147</b>	<b>102</b>	<b>124</b>	<b>154</b>	<b>187</b>	<b>211</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>146</b>
<b>-Imports From Other Entities-</b>														
<b>37 Total Imports From Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Imports-</b>														
38 Federal System	139	139	168	204	257	311	235	191	163	166	166	76	94	110
39 Public Entities	156	156	156	142	122	164	195	228	254	154	154	142	142	142
40 Investor-Owned Entities	1087	1054	920	866	1253	1350	1300	1302	869	857	871	924	1187	1201
41 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>42 Total Imports.</b>	<b>1381</b>	<b>1348</b>	<b>1244</b>	<b>1213</b>	<b>1632</b>	<b>1825</b>	<b>1730</b>	<b>1722</b>	<b>1286</b>	<b>1177</b>	<b>1191</b>	<b>1142</b>	<b>1423</b>	<b>1453</b>

Table A-5: Regional Imports  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Imports From East of Continental Divide-</b>														
1 BEPC To NWE PwrS	0	0	0	0	98	98	98	98	98	98	98	0	0	0
2 NWE To NWE PwrS	237	204	203	208	152	210	187	187	124	118	132	257	301	250
3 Other Entities To AVWP	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4 Other Entities To IPC	80	80	0	0	0	0	0	0	0	0	0	0	80	80
5 PPL To BPA PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
6 PPL To PPL PwrS	160	160	98	136	152	200	140	182	144	146	146	135	169	178
<b>7 Total Imports From ECD</b>	<b>590</b>	<b>557</b>	<b>442</b>	<b>552</b>	<b>663</b>	<b>823</b>	<b>714</b>	<b>712</b>	<b>583</b>	<b>552</b>	<b>566</b>	<b>492</b>	<b>668</b>	<b>642</b>
<b>-Imports From Pacific Southwest-</b>														
8 BURB To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 BURB To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 GLEN To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 GLEN To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 GLEN To PGE S/Pwr/X	0	0	0	0	30	30	30	30	0	0	0	0	0	0
13 NCPA To SCL S/Pwr/X	0	0	0	0	24	46	46	46	46	12	12	0	0	0
14 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PASA To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PG&E To PSE S/Pwr/X	0	0	0	0	300	300	0	0	0	0	0	0	0	0
20 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 RVSD To BPA S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>26 Total Imports From PSW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>354</b>	<b>376</b>	<b>76</b>	<b>76</b>	<b>46</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Imports From Inland Southwest-</b>														
27 SPP To BPA PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
28 UPL To UPL PwrS	548	548	482	432	420	440	424	434	436	423	423	480	588	634
<b>29 Total Imports From ISW</b>	<b>623</b>	<b>623</b>	<b>557</b>	<b>477</b>	<b>465</b>	<b>485</b>	<b>469</b>	<b>479</b>	<b>481</b>	<b>498</b>	<b>498</b>	<b>555</b>	<b>663</b>	<b>709</b>
<b>-Imports From Canada-</b>														
30 BCHP To BPA PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31 BCHP To SCL PwrS	142	142	142	142	97	118	149	182	208	142	142	142	142	142
32 Other Entities To PSE	3.2	3.2	2.7	3.6	4.3	4.8	4	4	1.8	3.6	3.6	3.4	2.6	2.6
<b>33 Total Imports From Canada</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>147</b>	<b>102</b>	<b>124</b>	<b>154</b>	<b>187</b>	<b>211</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>146</b>
<b>-Imports From Other Entities-</b>														
<b>34 Total Imports From Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Imports-</b>														
35 Federal System	89	89	118	154	207	261	235	191	163	166	166	76	94	110
36 Public Entities	142	142	142	142	122	164	195	228	254	154	154	142	142	142
37 Investor-Owned Entities	1128	1095	885	880	1256	1383	983	1035	903	889	903	975	1241	1245
38 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>39 Total Imports.</b>	<b>1360</b>	<b>1327</b>	<b>1146</b>	<b>1176</b>	<b>1585</b>	<b>1808</b>	<b>1413</b>	<b>1455</b>	<b>1320</b>	<b>1209</b>	<b>1223</b>	<b>1194</b>	<b>1478</b>	<b>1498</b>

Table A-5: Regional Imports  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Imports From East of Continental Divide-</b>														
1 BEPC To NWE PwrS	0	0	0	0	98	98	98	98	98	98	98	0	0	0
2 NWE To NWE PwrS	243	404	403	213	158	216	193	193	129	124	138	263	210	256
3 Other Entities To AVWP	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4 Other Entities To IPC	80	80	0	0	0	0	0	0	0	0	0	0	80	80
5 PPL To BPA PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
6 PPL To PPL PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>7 Total Imports From ECD</b>	<b>436</b>	<b>597</b>	<b>545</b>	<b>421</b>	<b>517</b>	<b>629</b>	<b>580</b>	<b>536</b>	<b>443</b>	<b>411</b>	<b>425</b>	<b>364</b>	<b>408</b>	<b>470</b>
<b>-Imports From Pacific Southwest-</b>														
8 GLEN To PGE S/Pwr/X	0	0	0	0	30	30	30	30	0	0	0	0	0	0
9 NCPA To SCL S/Pwr/X	0	0	0	0	24	46	46	46	46	12	12	0	0	0
10 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PASA To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PG&E To PSE S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 RVSD To BPA S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>20 Total Imports From PSW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>46</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Imports From Inland Southwest-</b>														
21 SPP To BPA PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
22 UPL To UPL PwrS	545	545	486	434	421	440	423	431	434	424	424	483	596	637
<b>23 Total Imports From ISW</b>	<b>620</b>	<b>620</b>	<b>561</b>	<b>479</b>	<b>466</b>	<b>485</b>	<b>468</b>	<b>476</b>	<b>479</b>	<b>499</b>	<b>499</b>	<b>558</b>	<b>671</b>	<b>712</b>
<b>-Imports From Canada-</b>														
24 BCHP To BPA PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25 BCHP To SCL PwrS	142	142	142	142	97	118	149	182	208	142	142	142	142	142
26 Other Entities To PSE	3.2	3.2	2.7	3.6	4.3	4.8	4	4	1.8	3.6	3.6	3.4	2.6	2.6
<b>27 Total Imports From Canada</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>147</b>	<b>102</b>	<b>124</b>	<b>154</b>	<b>187</b>	<b>211</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>146</b>
<b>-Imports From Other Entities-</b>														
<b>28 Total Imports From Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Imports-</b>														
29 Federal System	89	89	118	154	207	261	235	191	163	166	166	76	94	110
30 Public Entities	142	142	142	142	122	164	195	228	254	154	154	142	142	142
31 Investor-Owned Entities	971	1132	992	751	811	889	848	856	762	749	763	850	989	1076
32 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>33 Total Imports.</b>	<b>1203</b>	<b>1364</b>	<b>1252</b>	<b>1047</b>	<b>1140</b>	<b>1314</b>	<b>1278</b>	<b>1276</b>	<b>1179</b>	<b>1069</b>	<b>1083</b>	<b>1068</b>	<b>1226</b>	<b>1328</b>



Table A-5: Regional Imports  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Imports From East of Continental Divide-</i>														
1 BEPC To NWE PwrS	0	0	0	0	98	98	98	98	98	98	98	0	0	0
2 NWE To NWE PwrS	248	214	213	218	163	222	198	198	134	129	144	269	313	262
3 Other Entities To AVWP	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4 Other Entities To IPC	80	80	0	0	0	0	0	0	0	0	0	0	0	0
5 PPL To BPA PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
<b>6 Total Imports From ECD</b>	<b>441</b>	<b>407</b>	<b>355</b>	<b>426</b>	<b>522</b>	<b>635</b>	<b>585</b>	<b>541</b>	<b>448</b>	<b>416</b>	<b>431</b>	<b>370</b>	<b>431</b>	<b>396</b>
<i>-Imports From Pacific Southwest-</i>														
7 GLEN To PGE S/Pwr/X	0	0	0	0	30	30	30	30	0	0	0	0	0	0
8 NCPA To SCL S/Pwr/X	0	0	0	0	24	46	46	46	46	12	12	0	0	0
9 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PASA To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RVSD To BPA S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>18 Total Imports From PSW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>46</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Imports From Inland Southwest-</i>														
19 SPP To BPA PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
20 UPL To UPL PwrS	546	546	491	437	427	441	423	432	436	425	425	484	598	638
<b>21 Total Imports From ISW</b>	<b>621</b>	<b>621</b>	<b>566</b>	<b>482</b>	<b>472</b>	<b>486</b>	<b>468</b>	<b>477</b>	<b>481</b>	<b>500</b>	<b>500</b>	<b>559</b>	<b>673</b>	<b>713</b>
<i>-Imports From Canada-</i>														
22 BCHP To BPA PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23 BCHP To SCL PwrS	142	142	142	142	97	118	149	182	208	142	142	142	142	142
24 Other Entities To PSE	3.2	3.2	2.7	3.6	4.3	4.8	4	4	1.8	3.6	3.6	3.4	2.6	2.6
<b>25 Total Imports From Canada</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>147</b>	<b>102</b>	<b>124</b>	<b>154</b>	<b>187</b>	<b>211</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>146</b>
<i>-Imports From Other Entities-</i>														
<b>26 Total Imports From Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Imports-</i>														
27 Federal System	89	89	118	154	207	261	235	191	163	166	166	76	94	110
28 Public Entities	142	142	142	142	122	164	195	228	254	154	154	142	142	142
29 Investor-Owned Entities	977	943	807	759	822	896	853	862	769	755	770	857	1014	1003
30 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>31 Total Imports.</b>	<b>1209</b>	<b>1175</b>	<b>1067</b>	<b>1055</b>	<b>1151</b>	<b>1321</b>	<b>1283</b>	<b>1282</b>	<b>1186</b>	<b>1075</b>	<b>1090</b>	<b>1075</b>	<b>1251</b>	<b>1255</b>

Table A-5: Regional Imports  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Imports From East of Continental Divide-</i>														
1 NWE To NWE PwrS	254	219	218	223	267	326	205	205	140	136	150	178	223	170
2 Other Entities To AVWP	100	100	100	100	100	100	0	0	0	0	0	0	0	0
3 PPL To BPA PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
<b>4 Total Imports From ECD</b>	<b>367</b>	<b>332</b>	<b>360</b>	<b>431</b>	<b>528</b>	<b>641</b>	<b>394</b>	<b>350</b>	<b>257</b>	<b>225</b>	<b>239</b>	<b>179</b>	<b>241</b>	<b>204</b>
<i>-Imports From Pacific Southwest-</i>														
5 GLEN To PGE S/Pwr/X	0	0	0	0	30	30	30	30	0	0	0	0	0	0
6 NCPA To SCL S/Pwr/X	0	0	0	0	24	46	46	46	46	12	12	0	0	0
7 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD To BPA S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>13 Total Imports From PSW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>46</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Imports From Inland Southwest-</i>														
14 SPP To BPA PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
15 UPL To UPL PwrS	547	547	494	440	432	442	423	432	437	428	428	489	604	643
<b>16 Total Imports From ISW</b>	<b>622</b>	<b>622</b>	<b>569</b>	<b>485</b>	<b>477</b>	<b>487</b>	<b>468</b>	<b>477</b>	<b>482</b>	<b>503</b>	<b>503</b>	<b>564</b>	<b>679</b>	<b>718</b>
<i>-Imports From Canada-</i>														
17 BCHP To BPA PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18 BCHP To SCL PwrS	142	142	142	142	97	118	149	182	208	142	142	142	142	142
19 Other Entities To PSE	3.2	3.2	2.7	3.6	4.3	4.8	4	4	1.8	3.6	3.6	3.4	2.6	2.6
<b>20 Total Imports From Canada</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>147</b>	<b>102</b>	<b>124</b>	<b>154</b>	<b>187</b>	<b>211</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>146</b>
<i>-Imports From Other Entities-</i>														
<b>21 Total Imports From Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Imports-</i>														
22 Federal System	89	89	118	154	207	261	235	191	163	166	166	76	94	110
23 Public Entities	142	142	142	142	122	164	195	228	254	154	154	142	142	142
24 Investor-Owned Entities	904	869	815	767	833	903	662	671	578	567	581	671	830	816
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>26 Total Imports.</b>	<b>1136</b>	<b>1101</b>	<b>1075</b>	<b>1063</b>	<b>1162</b>	<b>1328</b>	<b>1092</b>	<b>1091</b>	<b>995</b>	<b>887</b>	<b>901</b>	<b>889</b>	<b>1067</b>	<b>1068</b>

Table A-5: Regional Imports  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Imports From East of Continental Divide-</i>														
1 NWE To NWE PwrS	162	128	127	131	175	235	211	211	146	141	156	184	229	176
2 PPL To BPA PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
<b>3 Total Imports From ECD</b>	<b>175</b>	<b>141</b>	<b>169</b>	<b>239</b>	<b>336</b>	<b>450</b>	<b>400</b>	<b>356</b>	<b>263</b>	<b>230</b>	<b>245</b>	<b>185</b>	<b>247</b>	<b>210</b>
<i>-Imports From Pacific Southwest-</i>														
4 GLEN To PGE S/Pwr/X	0	0	0	0	30	30	30	30	0	0	0	0	0	0
5 NCPA To SCL S/Pwr/X	0	0	0	0	24	46	46	46	46	12	12	0	0	0
6 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PASA To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD To BPA S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>12 Total Imports From PSW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>46</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Imports From Inland Southwest-</i>														
13 SPP To BPA PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
14 UPL To UPL PwrS	548	548	498	446	437	445	429	441	447	431	431	495	580	642
<b>15 Total Imports From ISW</b>	<b>623</b>	<b>623</b>	<b>573</b>	<b>491</b>	<b>482</b>	<b>490</b>	<b>474</b>	<b>486</b>	<b>492</b>	<b>506</b>	<b>506</b>	<b>570</b>	<b>655</b>	<b>717</b>
<i>-Imports From Canada-</i>														
16 BCHP To BPA PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17 BCHP To SCL PwrS	142	142	142	142	97	118	149	182	208	142	142	142	142	142
18 Other Entities To PSE	3.2	3.2	2.7	3.6	4.3	4.8	4	4	1.8	3.6	3.6	3.4	2.6	2.6
<b>19 Total Imports From Canada</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>147</b>	<b>102</b>	<b>124</b>	<b>154</b>	<b>187</b>	<b>211</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>146</b>
<i>-Imports From Other Entities-</i>														
<b>20 Total Imports From Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Imports-</i>														
21 Federal System	89	89	118	154	207	261	235	191	163	166	166	76	94	110
22 Public Entities	142	142	142	142	122	164	195	228	254	154	154	142	142	142
23 Investor-Owned Entities	713	679	628	581	646	715	674	686	594	575	590	683	812	821
24 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>25 Total Imports.</b>	<b>945</b>	<b>911</b>	<b>888</b>	<b>877</b>	<b>975</b>	<b>1140</b>	<b>1104</b>	<b>1106</b>	<b>1011</b>	<b>895</b>	<b>910</b>	<b>901</b>	<b>1049</b>	<b>1073</b>

Table A-5: Regional Imports  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Imports From East of Continental Divide-</i>														
1 NWE To NWE PwrS	168	133	132	137	181	241	217	217	151	146	162	190	236	182
2 PPL To BPA PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
<b>3 Total Imports From ECD</b>	<b>181</b>	<b>146</b>	<b>174</b>	<b>245</b>	<b>342</b>	<b>456</b>	<b>406</b>	<b>362</b>	<b>268</b>	<b>235</b>	<b>251</b>	<b>191</b>	<b>254</b>	<b>216</b>
<i>-Imports From Pacific Southwest-</i>														
4 NCPA To SCL S/Pwr/X	0	0	0	0	24	46	46	46	46	12	12	0	0	0
5 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 PASA To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RVSD To BPA S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>11 Total Imports From PSW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Imports From Inland Southwest-</i>														
12 SPP To BPA PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
13 UPL To UPL PwrS	550	550	499	445	429	445	431	443	449	433	433	498	584	642
<b>14 Total Imports From ISW</b>	<b>625</b>	<b>625</b>	<b>574</b>	<b>490</b>	<b>474</b>	<b>490</b>	<b>476</b>	<b>488</b>	<b>494</b>	<b>508</b>	<b>508</b>	<b>573</b>	<b>659</b>	<b>717</b>
<i>-Imports From Canada-</i>														
15 BCHP To BPA PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 BCHP To SCL PwrS	142	142	142	142	97	118	149	182	208	142	142	142	142	142
17 Other Entities To PSE	3.2	3.2	2.7	3.6	4.3	4.8	4	4	1.8	3.6	3.6	3.4	2.6	2.6
<b>18 Total Imports From Canada</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>147</b>	<b>102</b>	<b>124</b>	<b>154</b>	<b>187</b>	<b>211</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>146</b>
<i>-Imports From Other Entities-</i>														
<b>19 Total Imports From Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Imports-</i>														
20 Federal System	89	89	118	154	207	261	235	191	163	166	166	76	94	110
21 Public Entities	142	142	142	142	122	164	195	228	254	154	154	142	142	142
22 Investor-Owned Entities	721	686	634	586	614	691	652	664	601	582	598	692	823	827
23 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>24 Total Imports.</b>	<b>953</b>	<b>918</b>	<b>894</b>	<b>882</b>	<b>943</b>	<b>1116</b>	<b>1082</b>	<b>1084</b>	<b>1018</b>	<b>902</b>	<b>918</b>	<b>910</b>	<b>1060</b>	<b>1079</b>

Table A-5: Regional Imports  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Imports From East of Continental Divide-</i>														
1 NWE To NWE PwrS	174	138	137	142	186	248	223	223	156	152	167	197	242	188
2 PPL To BPA PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
<b>3 Total Imports From ECD</b>	<b>187</b>	<b>151</b>	<b>179</b>	<b>250</b>	<b>347</b>	<b>463</b>	<b>412</b>	<b>368</b>	<b>273</b>	<b>241</b>	<b>256</b>	<b>197</b>	<b>260</b>	<b>222</b>
<i>-Imports From Pacific Southwest-</i>														
4 NCPA To SCL S/Pwr/X	0	0	0	0	24	46	46	46	46	12	12	0	0	0
5 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 PASA To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RVSD To BPA S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>11 Total Imports From PSW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Imports From Inland Southwest-</i>														
12 SPP To BPA PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
13 UPL To UPL PwrS	564	564	502	447	431	447	433	445	451	435	435	501	588	646
<b>14 Total Imports From ISW</b>	<b>639</b>	<b>639</b>	<b>577</b>	<b>492</b>	<b>476</b>	<b>492</b>	<b>478</b>	<b>490</b>	<b>496</b>	<b>510</b>	<b>510</b>	<b>576</b>	<b>663</b>	<b>721</b>
<i>-Imports From Canada-</i>														
15 BCHP To BPA PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 BCHP To SCL PwrS	142	142	142	142	97	118	149	182	208	142	142	142	142	142
17 Other Entities To PSE	3.2	3.2	2.7	3.6	4.3	4.8	4	4	1.8	3.6	3.6	3.4	2.6	2.6
<b>18 Total Imports From Canada</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>147</b>	<b>102</b>	<b>124</b>	<b>154</b>	<b>187</b>	<b>211</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>146</b>
<i>-Imports From Other Entities-</i>														
<b>19 Total Imports From Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Imports-</i>														
20 Federal System	89	89	118	154	207	261	235	191	163	166	166	76	94	110
21 Public Entities	142	142	142	142	122	164	195	228	254	154	154	142	142	142
22 Investor-Owned Entities	741	705	642	593	621	700	660	672	608	590	605	701	833	837
23 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>24 Total Imports.</b>	<b>973</b>	<b>937</b>	<b>902</b>	<b>889</b>	<b>950</b>	<b>1125</b>	<b>1090</b>	<b>1092</b>	<b>1025</b>	<b>910</b>	<b>925</b>	<b>919</b>	<b>1070</b>	<b>1089</b>

Table A-5: Regional Imports  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Imports From East of Continental Divide-</i>														
1 NWE To NWE PwrS	179	143	142	148	192	254	229	229	161	157	173	203	249	194
2 PPL To BPA PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
<b>3 Total Imports From ECD</b>	<b>192</b>	<b>156</b>	<b>184</b>	<b>256</b>	<b>353</b>	<b>469</b>	<b>418</b>	<b>374</b>	<b>278</b>	<b>246</b>	<b>262</b>	<b>203</b>	<b>267</b>	<b>228</b>
<i>-Imports From Pacific Southwest-</i>														
4 NCPA To SCL S/Pwr/X	0	0	0	0	24	46	46	46	46	12	12	0	0	0
5 PASA To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 PASA To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PASA To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RVSD To BPA XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RVSD To BPA S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RVSD To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>11 Total Imports From PSW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Imports From Inland Southwest-</i>														
12 SPP To BPA PwrS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
13 UPL To UPL PwrS	567	567	505	449	433	449	435	448	454	437	437	504	593	650
<b>14 Total Imports From ISW</b>	<b>642</b>	<b>642</b>	<b>580</b>	<b>494</b>	<b>478</b>	<b>494</b>	<b>480</b>	<b>493</b>	<b>499</b>	<b>512</b>	<b>512</b>	<b>579</b>	<b>668</b>	<b>725</b>
<i>-Imports From Canada-</i>														
15 BCHP To BPA PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 BCHP To SCL PwrS	142	142	142	142	97	118	149	182	208	142	142	142	142	142
17 Other Entities To PSE	3.2	3.2	2.7	3.6	4.3	4.8	4	4	1.8	3.6	3.6	3.4	2.6	2.6
<b>18 Total Imports From Canada</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>147</b>	<b>102</b>	<b>124</b>	<b>154</b>	<b>187</b>	<b>211</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>146</b>	<b>146</b>
<i>-Imports From Other Entities-</i>														
<b>19 Total Imports From Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Imports-</i>														
20 Federal System	89	89	118	154	207	261	235	191	163	166	166	76	94	110
21 Public Entities	142	142	142	142	122	164	195	228	254	154	154	142	142	142
22 Investor-Owned Entities	749	713	650	601	629	708	668	681	616	597	613	710	845	847
23 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>24 Total Imports.</b>	<b>981</b>	<b>945</b>	<b>910</b>	<b>897</b>	<b>958</b>	<b>1133</b>	<b>1098</b>	<b>1101</b>	<b>1033</b>	<b>917</b>	<b>933</b>	<b>928</b>	<b>1082</b>	<b>1099</b>

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Table A-6  
Small Thermal & Miscellaneous  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System



Table A-6: Regional Small Thermal and Miscellaneous  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Bangor Base #1 Diesel Genorators	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2 Bangor Base #2 Diesel Generators	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 Puget Sound Shipyards Diesel Generators	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 Total Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<i>-Public Entities-</i>														
5 Total Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Investor-Owned Entities-</i>														
6 Crystal Mountain	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
7 Energy Mgmt Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
<i>-Other Entities-</i>														
9 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Small Thermal and Miscellaneous-</i>														
10 Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
13 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Small Termal & Misc.	30	30	30	30	33	33	33	33	30	30	30	30	30	30

Table A-6: Regional Small Thermal and Miscellaneous  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Bangor Base #1 Diesel Genorators	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2 Bangor Base #2 Diesel Generators	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 Puget Sound Shipyards Diesel Generators	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 Total Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<i>-Public Entities-</i>														
5 Total Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Investor-Owned Entities-</i>														
6 Crystal Mountain	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
7 Energy Mgmt Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
<i>-Other Entities-</i>														
9 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Small Thermal and Miscellaneous-</i>														
10 Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
13 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Small Termal & Misc.	30	30	30	30	33	33	33	33	30	30	30	30	30	30

Table A-6: Regional Small Thermal and Miscellaneous  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Bangor Base #1 Diesel Genorators	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2 Bangor Base #2 Diesel Generators	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 Puget Sound Shipyards Diesel Generators	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 Total Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<i>-Public Entities-</i>														
5 Total Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Investor-Owned Entities-</i>														
6 Crystal Mountain	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
7 Energy Mgmt Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
<i>-Other Entities-</i>														
9 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Small Thermal and Miscellaneous-</i>														
10 Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
13 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Small Termal & Misc.	30	30	30	30	33	33	33	33	30	30	30	30	30	30

Table A-6: Regional Small Thermal and Miscellaneous  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Bangor Base #1 Diesel Genorators	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2 Bangor Base #2 Diesel Generators	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 Puget Sound Shipyards Diesel Generators	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 Total Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<i>-Public Entities-</i>														
5 Total Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Investor-Owned Entities-</i>														
6 Crystal Mountain	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
7 Energy Mgmt Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
<i>-Other Entities-</i>														
9 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Small Thermal and Miscellaneous-</i>														
10 Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
13 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Small Termal & Misc.	30	30	30	30	33	33	33	33	30	30	30	30	30	30

Table A-6: Regional Small Thermal and Miscellaneous  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Bangor Base #1 Diesel Genorators	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2 Bangor Base #2 Diesel Generators	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 Puget Sound Shipyards Diesel Generators	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 Total Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<i>-Public Entities-</i>														
5 Total Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Investor-Owned Entities-</i>														
6 Crystal Mountain	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
7 Energy Mgmt Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
<i>-Other Entities-</i>														
9 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Small Thermal and Miscellaneous-</i>														
10 Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
13 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Small Termal & Misc.	30	30	30	30	33	33	33	33	30	30	30	30	30	30

Table A-6: Regional Small Thermal and Miscellaneous  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Bangor Base #1 Diesel Genorators	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2 Bangor Base #2 Diesel Generators	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 Puget Sound Shipyards Diesel Generators	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 Total Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<i>-Public Entities-</i>														
5 Total Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Investor-Owned Entities-</i>														
6 Crystal Mountain	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
7 Energy Mgmt Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
<i>-Other Entities-</i>														
9 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Small Thermal and Miscellaneous-</i>														
10 Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
13 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Small Termal & Misc.	30	30	30	30	33	33	33	33	30	30	30	30	30	30

Table A-6: Regional Small Thermal and Miscellaneous  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Bangor Base #1 Diesel Genorators	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2 Bangor Base #2 Diesel Generators	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 Puget Sound Shipyards Diesel Generators	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 Total Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<i>-Public Entities-</i>														
5 Total Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Investor-Owned Entities-</i>														
6 Crystal Mountain	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
7 Energy Mgmt Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
<i>-Other Entities-</i>														
9 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Small Thermal and Miscellaneous-</i>														
10 Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
13 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Small Termal & Misc.	30	30	30	30	33	33	33	33	30	30	30	30	30	30

Table A-6: Regional Small Thermal and Miscellaneous  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Bangor Base #1 Diesel Genorators	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2 Bangor Base #2 Diesel Generators	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 Puget Sound Shipyards Diesel Generators	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 Total Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<i>-Public Entities-</i>														
5 Total Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Investor-Owned Entities-</i>														
6 Crystal Mountain	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
7 Energy Mgmt Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
<i>-Other Entities-</i>														
9 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Small Thermal and Miscellaneous-</i>														
10 Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
13 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Small Termal & Misc.	30	30	30	30	33	33	33	33	30	30	30	30	30	30



Table A-6: Regional Small Thermal and Miscellaneous  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Bangor Base #1 Diesel Genorators	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2 Bangor Base #2 Diesel Generators	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 Puget Sound Shipyards Diesel Generators	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 Total Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<i>-Public Entities-</i>														
5 Total Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Investor-Owned Entities-</i>														
6 Crystal Mountain	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
7 Energy Mgmt Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
<i>-Other Entities-</i>														
9 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Small Thermal and Miscellaneous-</i>														
10 Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
13 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Small Termal & Misc.	30	30	30	30	33	33	33	33	30	30	30	30	30	30

Table A-6: Regional Small Thermal and Miscellaneous  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Bangor Base #1 Diesel Genorators	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2 Bangor Base #2 Diesel Generators	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 Puget Sound Shipyards Diesel Generators	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 Total Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<b>-Public Entities-</b>														
5 Total Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Investor-Owned Entities-</b>														
6 Crystal Mountain	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
7 Energy Mgmt Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
<b>-Other Entities-</b>														
9 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Small Thermal and Miscellaneous-</b>														
10 Federal System	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Investor-Owned Entities	0	0	0	0	2.8	2.8	2.8	2.8	0	0	0	0	0	0
13 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Small Termal & Misc.	30	30	30	30	33	33	33	33	30	30	30	30	30	30

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Table A-7  
Combustion Turbines  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-7: Regional Combustion Turbines  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Public Entities-</b>														
2 Finley CT	27	27	27	27	27	27	27	27	27	27	27	27	27	27
3 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
4 Hoquiam Diesels	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5 Olympic View Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Pasco Harbor Generating Station	44	44	44	44	44	44	44	44	44	44	44	0	44	44
7 Randolph Road Diesel Farm	32	32	32	32	32	32	32	32	32	32	32	32	32	32
8 River Road	242	242	242	242	242	242	242	242	242	242	242	242	242	242
9 Roosevelt Landfill	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 Springfield Gen Farm	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 Wauna Peaking Project	11	11	11	11	11	11	11	11	11	11	11	0	11	11
12 Total Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
<b>-Investor-Owned Entities-</b>														
13 Basin Creek Project	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Beaver	487	487	494	504	514	521	521	518	514	508	508	501	494	487
15 Beaver 8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16 Bennett Mountain	170	175	177	178	180	178	176	174	174	172	168	165	168	168
17 Big Hanaford CCCT	248	248	248	248	248	248	248	248	248	248	248	0	248	248
18 Boulder Park	25	25	25	25	25	25	25	25	25	25	25	0	25	25
19 Danskin	87	87	88	89	91	92	93	92	90	88	88	88	87	86
20 Encogen	160	160	160	160	160	160	160	160	160	160	160	160	160	160
21 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
22 Fredonia 1&2	210	210	210	210	210	210	210	210	210	210	210	210	210	210
23 Fredonia 3&4	108	108	108	108	0	0	0	0	0	0	0	0	0	108
24 Fredrickson 1&2	0	0	178	178	0	0	178	0	0	0	0	0	0	0
25 Kettle Falls CT	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0	6.9	6.9
26 Northeastern 1 & 2	67	67	67	67	67	67	67	67	67	67	67	67	67	67
27 Whitehorn 2 & 3	178	178	178	0	0	0	0	0	0	0	0	0	0	0
28 Total Investor-Owned Entities	1945	1950	2138	1972	1700	1706	1883	1699	1693	1558	1555	1390	1664	1764
<b>-Other Entities-</b>														
29 Chehalis Generation Facility CCCT	520	520	520	520	520	520	520	520	520	520	520	520	0	520
30 Frederickson CT	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0.4	0.4	0.4
31 Goldendale Energy Center	248	248	248	248	248	248	248	248	248	248	248	0	248	248
32 Klamath Peaking Unit	100	100	100	100	100	100	100	100	100	0	0	0	0	100
33 Lancaster Power Project (Rathdrum)	270	270	270	270	270	270	270	270	270	0	0	270	270	270
34 Total Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
<b>-Combustion Turbines-</b>														
35 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
37 Investor-Owned Entities	1945	1950	2138	1972	1700	1706	1883	1699	1693	1558	1555	1390	1664	1764
38 Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
39 Total Combustion Turbines	3593	3598	3786	3620	3348	3354	3531	3347	3341	2711	2707	2634	2692	3412

Table A-7: Regional Combustion Turbines  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Public Entities-</b>														
2 Finley CT	27	27	27	27	27	27	27	27	27	27	27	27	27	27
3 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
4 Hoquiam Diesels	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5 Olympic View Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Pasco Harbor Generating Station	44	44	44	44	44	44	44	44	44	44	44	0	44	44
7 Randolph Road Diesel Farm	32	32	32	32	32	32	32	32	32	32	32	32	32	32
8 River Road	242	242	242	242	242	242	242	242	242	242	242	242	242	242
9 Roosevelt Landfill	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 Springfield Gen Farm	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 Wauna Peaking Project	11	11	11	11	11	11	11	11	11	11	11	0	11	11
12 Total Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
<b>-Investor-Owned Entities-</b>														
13 Basin Creek Project	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Beaver	487	487	494	504	514	521	521	518	514	508	508	501	494	487
15 Beaver 8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16 Bennett Mountain	170	175	177	178	180	178	176	174	174	172	168	165	168	168
17 Big Hanaford CCCT	248	248	248	248	248	248	248	248	248	248	248	0	248	248
18 Boulder Park	25	25	25	25	25	25	25	25	25	25	25	0	25	25
19 Danskin	87	87	88	89	91	92	93	92	90	88	88	88	87	86
20 Encogen	160	160	160	160	160	160	160	160	160	160	160	160	160	160
21 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
22 Fredonia 1&2	210	210	210	210	210	210	210	210	210	210	210	210	210	210
23 Fredonia 3&4	108	108	108	108	0	0	0	0	0	0	0	0	0	108
24 Fredrickson 1&2	0	0	178	178	0	0	178	0	0	0	0	0	0	0
25 Kettle Falls CT	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0	6.9	6.9
26 Northeastern 1 & 2	67	67	67	67	67	67	67	67	67	67	67	67	67	67
27 Port Westward CCCT	0	0	0	407	407	407	407	407	407	407	407	0	407	407
28 Whitehorn 2 & 3	178	178	178	0	0	0	0	0	0	0	0	0	0	0
29 Total Investor-Owned Entities	1945	1950	2138	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
<b>-Other Entities-</b>														
30 Chehalis Generation Facility CCCT	520	520	520	520	520	520	520	520	520	520	520	520	0	520
31 Frederickson CT	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0.4	0.4	0.4
32 Goldendale Energy Center	248	248	248	248	248	248	248	248	248	248	248	0	248	248
33 Klamath Peaking Unit	100	100	100	100	100	100	100	100	100	0	0	0	0	100
34 Lancaster Power Project (Rathdrum)	270	270	270	270	270	270	270	270	270	0	0	270	270	270
35 Total Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
<b>-Combustion Turbines-</b>														
36 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
38 Investor-Owned Entities	1945	1950	2138	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
39 Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
40 Total Combustion Turbines	3593	3598	3786	4027	3755	3761	3938	3754	3748	3118	3114	2634	3099	3819

Table A-7: Regional Combustion Turbines  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Public Entities-</b>														
2 Finley CT	27	27	27	27	27	27	27	27	27	27	27	27	27	27
3 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
4 Hoquiam Diesels	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5 Olympic View Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Pasco Harbor Generating Station	44	44	44	44	44	44	44	44	44	44	44	0	44	44
7 Randolph Road Diesel Farm	32	32	32	32	32	32	32	32	32	32	32	32	32	32
8 River Road	242	242	242	242	242	242	242	242	242	242	242	0	242	242
9 Roosevelt Landfill	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 Springfield Gen Farm	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 Wauna Peaking Project	11	11	11	11	11	11	11	11	11	11	11	0	11	11
12 Total Public Entities	510	510	510	510	510	510	510	510	510	384	384	212	510	510
<b>-Investor-Owned Entities-</b>														
13 Basin Creek Project	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Beaver	487	487	494	504	514	521	521	518	514	508	508	501	494	487
15 Beaver 8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16 Bennett Mountain	170	175	177	178	180	178	176	174	174	172	168	165	168	168
17 Big Hanaford CCCT	248	248	248	248	248	248	248	248	248	248	248	0	248	248
18 Boulder Park	25	25	25	25	25	25	25	25	25	25	25	0	25	25
19 Danskin	87	87	88	89	91	92	93	92	90	88	88	88	87	86
20 Encogen	160	160	160	160	160	160	160	160	160	160	160	160	160	160
21 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
22 Fredonia 1&2	210	210	210	210	210	210	210	210	210	210	210	210	210	210
23 Fredonia 3&4	108	108	108	108	0	0	0	0	0	0	0	0	0	108
24 Fredrickson 1&2	0	0	178	178	0	0	178	0	0	0	0	0	0	0
25 Kettle Falls CT	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0	6.9	6.9
26 Northeastern 1 & 2	67	67	67	67	67	67	67	67	67	67	67	67	67	67
27 Port Westward CCCT	407	407	407	407	407	407	407	407	407	407	407	0	407	407
28 Whitehorn 2 & 3	178	178	178	0	0	0	0	0	0	0	0	0	0	0
29 Total Investor-Owned Entities	2352	2357	2545	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
<b>-Other Entities-</b>														
30 Chehalis Generation Facility CCCT	520	520	520	520	520	520	520	520	520	520	520	520	0	520
31 Frederickson CT	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0.4	0.4	0.4
32 Goldendale Energy Center	248	248	248	248	248	248	248	248	248	248	248	0	248	248
33 Klamath Peaking Unit	100	100	100	100	100	100	100	100	100	0	0	0	0	100
34 Lancaster Power Project (Rathdrum)	270	270	270	270	270	270	270	270	270	0	0	270	270	270
35 Total Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
<b>-Combustion Turbines-</b>														
36 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Public Entities	510	510	510	510	510	510	510	510	510	384	384	212	510	510
38 Investor-Owned Entities	2352	2357	2545	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
39 Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
40 Total Combustion Turbines	4000	4005	4193	4027	3755	3761	3938	3754	3748	3118	3114	2392	3099	3819

Table A-7: Regional Combustion Turbines  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 Finley CT	27	27	27	27	27	27	27	27	27	27	27	27	27	27
3 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
4 Hoquiam Diesels	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5 Olympic View Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Pasco Harbor Generating Station	44	44	44	44	44	44	44	44	44	44	44	0	44	44
7 Randolph Road Diesel Farm	32	32	32	32	32	32	32	32	32	32	32	32	32	32
8 River Road	242	242	242	242	242	242	242	242	242	242	242	242	242	242
9 Roosevelt Landfill	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 Springfield Gen Farm	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 Wauna Peaking Project	11	11	11	11	11	11	11	11	11	11	11	0	11	11
12 Total Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
<i>-Investor-Owned Entities-</i>														
13 Basin Creek Project	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Beaver	487	487	494	504	514	521	521	518	514	508	508	501	494	487
15 Beaver 8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16 Bennett Mountain	170	175	177	178	180	178	176	174	174	172	168	165	168	168
17 Big Hanaford CCCT	248	248	248	248	248	248	248	248	248	248	248	0	248	248
18 Boulder Park	25	25	25	25	25	25	25	25	25	25	25	0	25	25
19 Danskin	87	87	88	89	91	92	93	92	90	88	88	88	87	86
20 Encogen	160	160	160	160	160	160	160	160	160	160	160	160	160	160
21 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
22 Fredonia 1&2	210	210	210	210	210	210	210	210	210	210	210	210	210	210
23 Fredonia 3&4	108	108	108	108	0	0	0	0	0	0	0	0	0	108
24 Fredrickson 1&2	0	0	178	178	0	0	178	0	0	0	0	0	0	0
25 Kettle Falls CT	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0	6.9	6.9
26 Northeastern 1 & 2	67	67	67	67	67	67	67	67	67	67	67	67	67	67
27 Port Westward CCCT	407	407	407	407	407	407	407	407	407	407	407	0	407	407
28 Whitehorn 2 & 3	178	178	178	0	0	0	0	0	0	0	0	0	0	0
29 Total Investor-Owned Entities	2352	2357	2545	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
<i>-Other Entities-</i>														
30 Chehalis Generation Facility CCCT	520	520	520	520	520	520	520	520	520	520	520	520	0	520
31 Frederickson CT	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0.4	0.4	0.4
32 Goldendale Energy Center	248	248	248	248	248	248	248	248	248	248	248	0	248	248
33 Klamath Peaking Unit	100	100	100	100	100	100	100	100	100	0	0	0	0	100
34 Lancaster Power Project (Rathdrum)	270	270	270	270	270	270	270	270	270	0	0	270	270	270
35 Total Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
<i>-Combustion Turbines-</i>														
36 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
38 Investor-Owned Entities	2352	2357	2545	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
39 Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
40 Total Combustion Turbines	4000	4005	4193	4027	3755	3761	3938	3754	3748	3118	3114	2634	3099	3819



Table A-7: Regional Combustion Turbines  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Public Entities-</b>														
2 Finley CT	27	27	27	27	27	27	27	27	27	27	27	27	27	27
3 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
4 Hoquiam Diesels	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5 Olympic View Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Pasco Harbor Generating Station	44	44	44	44	44	44	44	44	44	44	44	0	44	44
7 Randolph Road Diesel Farm	32	32	32	32	32	32	32	32	32	32	32	32	32	32
8 River Road	242	242	242	242	242	242	242	242	242	242	242	0	242	242
9 Roosevelt Landfill	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 Springfield Gen Farm	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 Wauna Peaking Project	11	11	11	11	11	11	11	11	11	11	11	0	11	11
12 Total Public Entities	510	510	510	510	510	510	510	510	510	384	384	212	510	510
<b>-Investor-Owned Entities-</b>														
13 Basin Creek Project	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Beaver	487	487	494	504	514	521	521	518	514	508	508	501	494	487
15 Beaver 8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16 Bennett Mountain	170	175	177	178	180	178	176	174	174	172	168	165	168	168
17 Big Hanaford CCCT	248	248	248	248	248	248	248	248	248	248	248	0	248	248
18 Boulder Park	25	25	25	25	25	25	25	25	25	25	25	0	25	25
19 Danskin	87	87	88	89	91	92	93	92	90	88	88	88	87	86
20 Encogen	160	160	160	160	160	160	160	160	160	160	160	160	160	160
21 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
22 Fredonia 1&2	210	0	0	0	0	0	0	0	0	0	0	0	0	0
23 Fredonia 3&4	108	108	108	108	0	0	0	0	0	0	0	0	0	108
24 Fredrickson 1&2	0	0	178	178	0	0	178	0	0	0	0	0	0	0
25 Kettle Falls CT	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0	6.9	6.9
26 Northeastern 1 & 2	67	67	67	67	67	67	67	67	67	67	67	67	67	67
27 Port Westward CCCT	407	407	407	407	407	407	407	407	407	407	407	0	407	407
28 Whitehorn 2 & 3	178	178	178	0	0	0	0	0	0	0	0	0	0	0
29 Total Investor-Owned Entities	2352	2147	2335	2169	1897	1903	2080	1896	1890	1756	1752	1180	1861	1961
<b>-Other Entities-</b>														
30 Chehalis Generation Facility CCCT	520	520	520	520	520	520	520	520	520	520	520	520	0	520
31 Frederickson CT	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0.4	0.4	0.4
32 Goldendale Energy Center	248	248	248	248	248	248	248	248	248	248	248	0	248	248
33 Klamath Peaking Unit	100	100	100	100	100	100	100	100	100	0	0	0	0	100
34 Lancaster Power Project (Rathdrum)	270	270	270	270	270	270	270	270	270	0	0	270	270	270
35 Total Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
<b>-Combustion Turbines-</b>														
36 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Public Entities	510	510	510	510	510	510	510	510	510	384	384	212	510	510
38 Investor-Owned Entities	2352	2147	2335	2169	1897	1903	2080	1896	1890	1756	1752	1180	1861	1961
39 Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
40 Total Combustion Turbines	4000	3795	3983	3817	3545	3551	3728	3544	3538	2908	2904	2182	2889	3609

Table A-7: Regional Combustion Turbines  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 Finley CT	27	27	27	27	27	27	27	27	27	27	27	27	27	27
3 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
4 Hoquiam Diesels	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5 Olympic View Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Pasco Harbor Generating Station	44	44	44	44	44	44	44	44	44	44	44	0	44	44
7 Randolph Road Diesel Farm	32	32	32	32	32	32	32	32	32	32	32	32	32	32
8 River Road	242	242	242	242	242	242	242	242	242	242	242	0	242	242
9 Roosevelt Landfill	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 Springfield Gen Farm	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 Wauna Peaking Project	11	11	11	11	11	11	11	11	11	11	11	0	11	11
12 Total Public Entities	510	510	510	510	510	510	510	510	510	384	384	212	510	510
<i>-Investor-Owned Entities-</i>														
13 Basin Creek Project	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Beaver	487	487	494	504	514	521	521	518	514	508	508	501	494	487
15 Beaver 8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16 Bennett Mountain	170	175	177	178	180	178	176	174	174	172	168	165	168	168
17 Big Hanaford CCCT	248	248	248	248	248	248	248	248	248	248	248	0	248	248
18 Boulder Park	25	25	25	25	25	25	25	25	25	25	25	0	25	25
19 Danskin	87	87	88	89	91	92	93	92	90	88	88	88	87	86
20 Encogen	160	160	160	160	160	160	160	160	160	160	160	160	160	160
21 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
22 Fredonia 1&2	0	0	0	210	210	210	210	210	210	210	210	210	210	210
23 Fredonia 3&4	108	108	108	108	0	0	0	0	0	0	0	0	0	108
24 Fredrickson 1&2	0	0	178	178	0	0	178	0	0	0	0	0	0	0
25 Kettle Falls CT	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0	6.9	6.9
26 Northeastern 1 & 2	67	67	67	67	67	67	67	67	67	67	67	67	67	67
27 Port Westward CCCT	407	407	407	407	407	407	407	407	407	407	407	0	407	407
28 Whitehorn 2 & 3	178	178	178	0	0	0	0	0	0	0	0	0	0	0
29 Total Investor-Owned Entities	2142	2147	2335	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
<i>-Other Entities-</i>														
30 Chehalis Generation Facility CCCT	520	520	520	520	520	520	520	520	520	520	520	520	0	520
31 Frederickson CT	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0.4	0.4	0.4
32 Goldendale Energy Center	248	248	248	248	248	248	248	248	248	248	248	0	248	248
33 Klamath Peaking Unit	100	100	100	100	100	100	100	100	100	0	0	0	0	100
34 Lancaster Power Project (Rathdrum)	270	270	270	270	270	270	270	270	270	0	0	270	270	270
35 Total Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
<i>-Combustion Turbines-</i>														
36 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Public Entities	510	510	510	510	510	510	510	510	510	384	384	212	510	510
38 Investor-Owned Entities	2142	2147	2335	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
39 Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
40 Total Combustion Turbines	3790	3795	3983	4027	3755	3761	3938	3754	3748	3118	3114	2392	3099	3819

Table A-7: Regional Combustion Turbines  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Public Entities-</b>														
2 Finley CT	27	27	27	27	27	27	27	27	27	27	27	27	27	27
3 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
4 Hoquiam Diesels	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5 Olympic View Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Pasco Harbor Generating Station	44	44	44	44	44	44	44	44	44	44	44	0	44	44
7 Randolph Road Diesel Farm	32	32	32	32	32	32	32	32	32	32	32	32	32	32
8 River Road	242	242	242	242	242	242	242	242	242	242	242	242	242	242
9 Roosevelt Landfill	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 Springfield Gen Farm	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 Wauna Peaking Project	11	11	11	11	11	11	11	11	11	11	11	0	11	11
12 Total Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
<b>-Investor-Owned Entities-</b>														
13 Basin Creek Project	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Beaver	487	487	494	504	514	521	521	518	514	508	508	501	494	487
15 Beaver 8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16 Bennett Mountain	170	175	177	178	180	178	176	174	174	172	168	165	168	168
17 Big Hanaford CCCT	248	248	248	248	248	248	248	248	248	248	248	0	248	248
18 Boulder Park	25	25	25	25	25	25	25	25	25	25	25	0	25	25
19 Danskin	87	87	88	89	91	92	93	92	90	88	88	88	87	86
20 Encogen	160	160	160	160	160	160	160	160	160	160	160	160	160	160
21 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
22 Fredonia 1&2	210	210	210	210	210	210	210	210	210	210	210	210	210	210
23 Fredonia 3&4	108	108	108	108	0	0	0	0	0	0	0	0	0	108
24 Fredrickson 1&2	0	0	178	178	0	0	178	0	0	0	0	0	0	0
25 Kettle Falls CT	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0	6.9	6.9
26 Northeastern 1 & 2	67	67	67	67	67	67	67	67	67	67	67	67	67	67
27 Port Westward CCCT	407	407	407	407	407	407	407	407	407	407	407	0	407	407
28 Whitehorn 2 & 3	178	178	178	0	0	0	0	0	0	0	0	0	0	0
29 Total Investor-Owned Entities	2352	2357	2545	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
<b>-Other Entities-</b>														
30 Chehalis Generation Facility CCCT	520	520	520	520	520	520	520	520	520	520	520	520	0	520
31 Frederickson CT	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0.4	0.4	0.4
32 Goldendale Energy Center	248	248	248	248	248	248	248	248	248	248	248	0	248	248
33 Klamath Peaking Unit	100	100	100	100	100	100	100	100	100	0	0	0	0	100
34 Lancaster Power Project (Rathdrum)	270	270	270	270	270	270	270	270	270	0	0	270	270	270
35 Total Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
<b>-Combustion Turbines-</b>														
36 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
38 Investor-Owned Entities	2352	2357	2545	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
39 Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
40 Total Combustion Turbines	4000	4005	4193	4027	3755	3761	3938	3754	3748	3118	3114	2634	3099	3819

Table A-7: Regional Combustion Turbines  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Public Entities-</b>														
2 Finley CT	27	27	27	27	27	27	27	27	27	27	27	27	27	27
3 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
4 Hoquiam Diesels	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5 Olympic View Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Pasco Harbor Generating Station	44	44	44	44	44	44	44	44	44	44	44	0	44	44
7 Randolph Road Diesel Farm	32	32	32	32	32	32	32	32	32	32	32	32	32	32
8 River Road	242	242	242	242	242	242	242	242	242	242	242	242	242	242
9 Roosevelt Landfill	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 Springfield Gen Farm	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 Wauna Peaking Project	11	11	11	11	11	11	11	11	11	11	11	0	11	11
12 Total Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
<b>-Investor-Owned Entities-</b>														
13 Basin Creek Project	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Beaver	487	487	494	504	514	521	521	518	514	508	508	501	494	487
15 Beaver 8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16 Bennett Mountain	170	175	177	178	180	178	176	174	174	172	168	165	168	168
17 Big Hanaford CCCT	248	248	248	248	248	248	248	248	248	248	248	0	248	248
18 Boulder Park	25	25	25	25	25	25	25	25	25	25	25	0	25	25
19 Danskin	87	87	88	89	91	92	93	92	90	88	88	88	87	86
20 Encogen	160	160	160	160	160	160	160	160	160	160	160	160	160	160
21 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
22 Fredonia 1&2	210	210	210	210	210	210	210	210	210	210	210	210	210	210
23 Fredonia 3&4	108	108	108	108	0	0	0	0	0	0	0	0	0	108
24 Fredrickson 1&2	0	0	178	178	0	0	178	0	0	0	0	0	0	0
25 Kettle Falls CT	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0	6.9	6.9
26 Northeastern 1 & 2	67	67	67	67	67	67	67	67	67	67	67	67	67	67
27 Port Westward CCCT	407	407	407	407	407	407	407	407	407	407	407	0	407	407
28 Whitehorn 2 & 3	178	178	178	0	0	0	0	0	0	0	0	0	0	0
29 Total Investor-Owned Entities	2352	2357	2545	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
<b>-Other Entities-</b>														
30 Chehalis Generation Facility CCCT	520	520	520	520	520	520	520	520	520	520	520	520	0	520
31 Frederickson CT	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0.4	0.4	0.4
32 Goldendale Energy Center	248	248	248	248	248	248	248	248	248	248	248	0	248	248
33 Klamath Peaking Unit	100	100	100	100	100	100	100	100	100	0	0	0	0	100
34 Lancaster Power Project (Rathdrum)	270	270	270	270	270	270	270	270	270	0	0	270	270	270
35 Total Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
<b>-Combustion Turbines-</b>														
36 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
38 Investor-Owned Entities	2352	2357	2545	2379	2107	2113	2290	2106	2100	1966	1962	1390	2071	2171
39 Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
40 Total Combustion Turbines	4000	4005	4193	4027	3755	3761	3938	3754	3748	3118	3114	2634	3099	3819

Table A-7: Regional Combustion Turbines  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Public Entities-</b>														
2 Finley CT	27	27	27	27	27	27	27	27	27	27	27	27	27	27
3 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
4 Hoquiam Diesels	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5 Olympic View Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Pasco Harbor Generating Station	44	44	44	44	44	44	44	44	44	44	44	0	44	44
7 Randolph Road Diesel Farm	32	32	32	32	32	32	32	32	32	32	32	32	32	32
8 River Road	242	242	242	242	242	242	242	242	242	242	242	0	242	242
9 Roosevelt Landfill	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 Springfield Gen Farm	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 Wauna Peaking Project	11	11	11	11	11	11	11	11	11	11	11	0	11	11
12 Total Public Entities	510	510	510	510	510	510	510	510	510	384	384	212	510	510
<b>-Investor-Owned Entities-</b>														
13 Basin Creek Project	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Beaver	487	487	494	504	514	521	521	518	514	508	508	501	494	487
15 Beaver 8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16 Bennett Mountain	170	175	177	178	180	178	176	174	174	172	168	165	168	168
17 Big Hanaford CCCT	248	248	248	248	248	248	248	248	248	248	248	0	248	248
18 Boulder Park	25	25	25	25	25	25	25	25	25	25	25	0	25	25
19 Danskin	87	87	88	89	91	92	93	92	90	88	88	88	87	86
20 Encogen	160	160	160	160	160	160	160	160	160	160	160	160	160	160
21 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
22 Fredonia 1&2	210	210	210	210	0	0	210	210	210	210	210	210	210	210
23 Fredonia 3&4	108	108	108	108	0	0	0	0	0	0	0	0	0	108
24 Fredrickson 1&2	0	0	178	178	0	0	178	0	0	0	0	0	0	0
25 Kettle Falls CT	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0	6.9	6.9
26 Northeastern 1 & 2	67	67	67	67	67	67	67	67	67	67	67	67	67	67
27 Port Westward CCCT	407	407	407	407	407	407	407	407	407	407	407	0	407	407
28 Whitehorn 2 & 3	178	178	178	0	0	0	0	0	0	0	0	0	0	0
29 Total Investor-Owned Entities	2352	2357	2545	2379	1897	1903	2290	2106	2100	1966	1962	1390	2071	2171
<b>-Other Entities-</b>														
30 Chehalis Generation Facility CCCT	520	520	520	520	520	520	520	520	520	520	520	520	0	520
31 Frederickson CT	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0.4	0.4	0.4
32 Goldendale Energy Center	248	248	248	248	248	248	248	248	248	248	248	0	248	248
33 Klamath Peaking Unit	100	100	100	100	100	100	100	100	100	0	0	0	0	100
34 Lancaster Power Project (Rathdrum)	270	270	270	270	270	270	270	270	270	0	0	270	270	270
35 Total Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
<b>-Combustion Turbines-</b>														
36 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Public Entities	510	510	510	510	510	510	510	510	510	384	384	212	510	510
38 Investor-Owned Entities	2352	2357	2545	2379	1897	1903	2290	2106	2100	1966	1962	1390	2071	2171
39 Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
40 Total Combustion Turbines	4000	4005	4193	4027	3545	3551	3938	3754	3748	3118	3114	2392	3099	3819

Table A-7: Regional Combustion Turbines  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 Finley CT	27	27	27	27	27	27	27	27	27	27	27	27	27	27
3 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
4 Hoquiam Diesels	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5 Olympic View Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Pasco Harbor Generating Station	44	44	44	44	44	44	44	44	44	44	44	0	44	44
7 Randolph Road Diesel Farm	32	32	32	32	32	32	32	32	32	32	32	32	32	32
8 River Road	242	242	242	242	242	242	242	242	242	242	242	242	242	242
9 Roosevelt Landfill	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 Springfield Gen Farm	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 Wauna Peaking Project	11	11	11	11	11	11	11	11	11	11	11	0	11	11
12 Total Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
<i>-Investor-Owned Entities-</i>														
13 Basin Creek Project	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Beaver	487	487	494	504	514	521	521	518	514	508	508	501	494	487
15 Beaver 8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16 Bennett Mountain	170	175	177	178	180	178	176	174	174	172	168	165	168	168
17 Big Hanaford CCCT	248	248	248	248	248	248	248	248	248	248	248	0	248	248
18 Boulder Park	25	25	25	25	25	25	25	25	25	25	25	0	25	25
19 Danskin	87	87	88	89	91	92	93	92	90	88	88	88	87	86
20 Encogen	160	160	160	160	160	160	160	160	160	160	160	160	160	160
21 Frederickson CT	125	125	125	125	125	125	125	125	125	0	0	125	125	125
22 Fredonia 1&2	210	0	0	0	0	0	0	0	0	0	0	0	0	0
23 Fredonia 3&4	108	108	108	108	0	0	0	0	0	0	0	0	0	108
24 Fredrickson 1&2	0	0	178	178	0	0	178	0	0	0	0	0	0	0
25 Kettle Falls CT	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0	6.9	6.9
26 Northeastern 1 & 2	67	67	67	67	67	67	67	67	67	67	67	67	67	67
27 Port Westward CCCT	407	407	407	407	407	407	407	407	407	407	407	0	407	407
28 Whitehorn 2 & 3	178	178	178	0	0	0	0	0	0	0	0	0	0	0
29 Total Investor-Owned Entities	2352	2147	2335	2169	1897	1903	2080	1896	1890	1756	1752	1180	1861	1961
<i>-Other Entities-</i>														
30 Chehalis Generation Facility CCCT	520	520	520	520	520	520	520	520	520	520	520	520	0	520
31 Frederickson CT	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0.4	0.4	0.4
32 Goldendale Energy Center	248	248	248	248	248	248	248	248	248	248	248	0	248	248
33 Klamath Peaking Unit	100	100	100	100	100	100	100	100	100	0	0	0	0	100
34 Lancaster Power Project (Rathdrum)	270	270	270	270	270	270	270	270	270	0	0	270	270	270
35 Total Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
<i>-Combustion Turbines-</i>														
36 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Public Entities	510	510	510	510	510	510	510	510	510	384	384	454	510	510
38 Investor-Owned Entities	2352	2147	2335	2169	1897	1903	2080	1896	1890	1756	1752	1180	1861	1961
39 Other Entities	1138	1138	1138	1138	1138	1138	1138	1138	1138	768	768	790	518	1138
40 Total Combustion Turbines	4000	3795	3983	3817	3545	3551	3728	3544	3538	2908	2904	2424	2889	3609

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Table A-8  
Renewable Resources  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System



Table A-8: Regional Renewable Resources  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Georgia-Pacific Paper (Wauna)	27	27	27	28	29	31	32	31	31	30	30	27	27	27
2 Total Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<b>-Public Entities-</b>														
3 Coffin Butte	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
4 Short Mountain	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5 Total Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>-Investor-Owned Entities-</b>														
6 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Horseshoe Bend Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Kettle Falls	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Total Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Other Entities-</b>														
10 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Renewable Resources-</b>														
11 Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
12 Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
13 Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Total Renewable Resources	84	84	84	85	86	88	89	88	88	87	87	84	84	84

Table A-8: Regional Renewable Resources  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Georgia-Pacific Paper (Wauna)	27	27	27	28	29	31	32	31	31	30	30	27	27	27
2 Total Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<b>-Public Entities-</b>														
3 Coffin Butte	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
4 Short Mountain	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5 Total Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>-Investor-Owned Entities-</b>														
6 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Horseshoe Bend Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Kettle Falls	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Total Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Other Entities-</b>														
10 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Renewable Resources-</b>														
11 Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
12 Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
13 Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Total Renewable Resources	84	84	84	85	86	88	89	88	88	87	87	84	84	84

Table A-8: Regional Renewable Resources  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Georgia-Pacific Paper (Wauna)	27	27	27	28	29	31	32	31	31	30	30	27	27	27
2 Total Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<b>-Public Entities-</b>														
3 Coffin Butte	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
4 Short Mountain	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5 Total Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>-Investor-Owned Entities-</b>														
6 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Horseshoe Bend Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Kettle Falls	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Total Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Other Entities-</b>														
10 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Renewable Resources-</b>														
11 Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
12 Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
13 Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Total Renewable Resources	84	84	84	85	86	88	89	88	88	87	87	84	84	84

Table A-8: Regional Renewable Resources  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Georgia-Pacific Paper (Wauna)	27	27	27	28	29	31	32	31	31	30	30	27	27	27
2 Total Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<b>-Public Entities-</b>														
3 Coffin Butte	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
4 Short Mountain	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5 Total Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>-Investor-Owned Entities-</b>														
6 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Horseshoe Bend Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Kettle Falls	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Total Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Other Entities-</b>														
10 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Renewable Resources-</b>														
11 Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
12 Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
13 Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Total Renewable Resources	84	84	84	85	86	88	89	88	88	87	87	84	84	84

Table A-8: Regional Renewable Resources  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Georgia-Pacific Paper (Wauna)	27	27	27	28	29	31	32	31	31	30	30	27	27	27
2 Total Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<b>-Public Entities-</b>														
3 Coffin Butte	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
4 Short Mountain	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5 Total Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>-Investor-Owned Entities-</b>														
6 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Horseshoe Bend Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Kettle Falls	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Total Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Other Entities-</b>														
10 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Renewable Resources-</b>														
11 Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
12 Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
13 Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Total Renewable Resources	84	84	84	85	86	88	89	88	88	87	87	84	84	84

Table A-8: Regional Renewable Resources  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Georgia-Pacific Paper (Wauna)	27	27	27	28	29	31	32	31	31	30	30	27	27	27
2 Total Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<b>-Public Entities-</b>														
3 Coffin Butte	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
4 Short Mountain	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5 Total Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>-Investor-Owned Entities-</b>														
6 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Horseshoe Bend Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Kettle Falls	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Total Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Other Entities-</b>														
10 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Renewable Resources-</b>														
11 Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
12 Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
13 Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Total Renewable Resources	84	84	84	85	86	88	89	88	88	87	87	84	84	84

Table A-8: Regional Renewable Resources  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Georgia-Pacific Paper (Wauna)	27	27	27	28	29	31	32	31	31	30	30	27	27	27
2 Total Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<b>-Public Entities-</b>														
3 Coffin Butte	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
4 Short Mountain	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5 Total Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>-Investor-Owned Entities-</b>														
6 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Horseshoe Bend Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Kettle Falls	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Total Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Other Entities-</b>														
10 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Renewable Resources-</b>														
11 Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
12 Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
13 Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Total Renewable Resources	84	84	84	85	86	88	89	88	88	87	87	84	84	84

Table A-8: Regional Renewable Resources  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Georgia-Pacific Paper (Wauna)	27	27	27	28	29	31	32	31	31	30	30	27	27	27
2 Total Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<b>-Public Entities-</b>														
3 Coffin Butte	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
4 Short Mountain	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5 Total Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>-Investor-Owned Entities-</b>														
6 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Horseshoe Bend Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Kettle Falls	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Total Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Other Entities-</b>														
10 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Renewable Resources-</b>														
11 Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
12 Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
13 Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Total Renewable Resources	84	84	84	85	86	88	89	88	88	87	87	84	84	84



Table A-8: Regional Renewable Resources  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Georgia-Pacific Paper (Wauna)	27	27	27	28	29	31	32	31	31	30	30	27	27	27
2 Total Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<b>-Public Entities-</b>														
3 Coffin Butte	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
4 Short Mountain	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5 Total Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>-Investor-Owned Entities-</b>														
6 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Horseshoe Bend Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Kettle Falls	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Total Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Other Entities-</b>														
10 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Renewable Resources-</b>														
11 Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
12 Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
13 Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Total Renewable Resources	84	84	84	85	86	88	89	88	88	87	87	84	84	84

Table A-8: Regional Renewable Resources  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal System-</b>														
1 Georgia-Pacific Paper (Wauna)	27	27	27	28	29	31	32	31	31	30	30	27	27	27
2 Total Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
<b>-Public Entities-</b>														
3 Coffin Butte	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
4 Short Mountain	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5 Total Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>-Investor-Owned Entities-</b>														
6 Fossil Gulch Wind Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Horseshoe Bend Wind Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Kettle Falls	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Total Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Other Entities-</b>														
10 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Renewable Resources-</b>														
11 Federal System	27	27	27	28	29	31	32	31	31	30	30	27	27	27
12 Public Entities	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
13 Investor-Owned Entities	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Total Renewable Resources	84	84	84	85	86	88	89	88	88	87	87	84	84	84

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Table A-9  
Cogeneration  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-9: Regional Cogeneration  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 WEYCO Energy Center	20	20	20	20	20	0	20	20	20	20	20	20	20	0
3 Total Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
<i>-Investor_Owned Entities-</i>														
4 Coyote Springs #1	218	218	223	230	237	242	242	239	235	231	231	226	221	217
5 Coyote Springs #2	280	280	280	280	280	280	280	280	280	280	280	0	280	280
6 Georgia-Pacific Paper (Camas)	52	52	52	52	52	52	52	52	52	52	52	0	52	52
7 Hermiston Cogeneration	469	469	469	469	469	469	469	469	469	469	469	0	469	469
8 Thompson River Co-Gen	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9 Total Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
<i>-Other Entities-</i>														
10 Coyote Springs #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
12 Klamath Cogeneration Project	484	484	484	484	484	484	484	484	484	484	484	484	484	484
13 Longview Fibre	45	45	45	45	45	45	45	45	45	45	45	45	45	45
14 Total Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
<i>-Cogeneration-</i>														
15 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
17 Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
18 Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
19 Total Cogeneration	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189

Table A-9: Regional Cogeneration  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 WEYCO Energy Center	20	20	20	20	20	0	20	20	20	20	20	20	20	0
3 Total Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
<i>-Investor_Owned Entities-</i>														
4 Coyote Springs #1	218	218	223	230	237	242	242	239	235	231	231	226	221	217
5 Coyote Springs #2	280	280	280	280	280	280	280	280	280	280	280	0	280	280
6 Georgia-Pacific Paper (Camas)	52	52	52	52	52	52	52	52	52	52	52	0	52	52
7 Hermiston Cogeneration	469	469	469	469	469	469	469	469	469	469	469	0	469	469
8 Thompson River Co-Gen	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9 Total Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
<i>-Other Entities-</i>														
10 Coyote Springs #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
12 Klamath Cogeneration Project	484	484	484	484	484	484	484	484	484	484	484	484	484	484
13 Longview Fibre	45	45	45	45	45	45	45	45	45	45	45	45	45	45
14 Total Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
<i>-Cogeneration-</i>														
15 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
17 Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
18 Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
19 Total Cogeneration	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189

Table A-9: Regional Cogeneration  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 WEYCO Energy Center	20	20	20	20	20	0	20	20	20	20	20	20	20	0
3 Total Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
<i>-Investor_Owned Entities-</i>														
4 Coyote Springs #1	218	218	223	230	237	242	242	239	235	231	231	226	221	217
5 Coyote Springs #2	280	280	280	280	280	280	280	280	280	280	280	0	280	280
6 Georgia-Pacific Paper (Camas)	52	52	52	52	52	52	52	52	52	52	52	0	52	52
7 Hermiston Cogeneration	469	469	469	469	469	469	469	469	469	469	469	0	469	469
8 Thompson River Co-Gen	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9 Total Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
<i>-Other Entities-</i>														
10 Coyote Springs #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
12 Klamath Cogeneration Project	484	484	484	484	484	484	484	484	484	484	484	484	484	484
13 Longview Fibre	45	45	45	45	45	45	45	45	45	45	45	45	45	45
14 Total Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
<i>-Cogeneration-</i>														
15 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
17 Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
18 Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
19 Total Cogeneration	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189

Table A-9: Regional Cogeneration  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 WEYCO Energy Center	20	20	20	20	20	0	20	20	20	20	20	20	20	0
3 Total Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
<i>-Investor_Owned Entities-</i>														
4 Coyote Springs #1	218	218	223	230	237	242	242	239	235	231	231	226	221	217
5 Coyote Springs #2	280	280	280	280	280	280	280	280	280	280	280	0	280	280
6 Georgia-Pacific Paper (Camas)	52	52	52	52	52	52	52	52	52	52	52	0	52	52
7 Hermiston Cogeneration	469	469	469	469	469	469	469	469	469	469	469	0	469	469
8 Thompson River Co-Gen	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9 Total Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
<i>-Other Entities-</i>														
10 Coyote Springs #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
12 Klamath Cogeneration Project	484	484	484	484	484	484	484	484	484	484	484	484	484	484
13 Longview Fibre	45	45	45	45	45	45	45	45	45	45	45	45	45	45
14 Total Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
<i>-Cogeneration-</i>														
15 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
17 Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
18 Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
19 Total Cogeneration	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189



Table A-9: Regional Cogeneration  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 WEYCO Energy Center	20	20	20	20	20	0	20	20	20	20	20	20	20	0
3 Total Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
<i>-Investor_Owned Entities-</i>														
4 Coyote Springs #1	218	218	223	230	237	242	242	239	235	231	231	226	221	217
5 Coyote Springs #2	280	280	280	280	280	280	280	280	280	280	280	0	280	280
6 Georgia-Pacific Paper (Camas)	52	52	52	52	52	52	52	52	52	52	52	0	52	52
7 Hermiston Cogeneration	469	469	469	469	469	469	469	469	469	469	469	0	469	469
8 Thompson River Co-Gen	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9 Total Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
<i>-Other Entities-</i>														
10 Coyote Springs #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
12 Klamath Cogeneration Project	484	484	484	484	484	484	484	484	484	484	484	484	484	484
13 Longview Fibre	45	45	45	45	45	45	45	45	45	45	45	45	45	45
14 Total Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
<i>-Cogeneration-</i>														
15 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
17 Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
18 Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
19 Total Cogeneration	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189

Table A-9: Regional Cogeneration  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 WEYCO Energy Center	20	20	20	20	20	0	20	20	20	20	20	20	20	0
3 Total Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
<i>-Investor-Owned Entities-</i>														
4 Coyote Springs #1	218	218	223	230	237	242	242	239	235	231	231	226	221	217
5 Coyote Springs #2	280	280	280	280	280	280	280	280	280	280	280	0	280	280
6 Georgia-Pacific Paper (Camas)	52	52	52	52	52	52	52	52	52	52	52	0	52	52
7 Hermiston Cogeneration	469	469	469	469	469	469	469	469	469	469	469	0	469	469
8 Thompson River Co-Gen	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9 Total Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
<i>-Other Entities-</i>														
10 Coyote Springs #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
12 Klamath Cogeneration Project	484	484	484	484	484	484	484	484	484	484	484	484	484	484
13 Longview Fibre	45	45	45	45	45	45	45	45	45	45	45	45	45	45
14 Total Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
<i>-Cogeneration-</i>														
15 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
17 Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
18 Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
19 Total Cogeneration	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189

Table A-9: Regional Cogeneration  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 WEYCO Energy Center	20	20	20	20	20	0	20	20	20	20	20	20	20	0
3 Total Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
<i>-Investor_Owned Entities-</i>														
4 Coyote Springs #1	218	218	223	230	237	242	242	239	235	231	231	226	221	217
5 Coyote Springs #2	280	280	280	280	280	280	280	280	280	280	280	0	280	280
6 Georgia-Pacific Paper (Camas)	52	52	52	52	52	52	52	52	52	52	52	0	52	52
7 Hermiston Cogeneration	469	469	469	469	469	469	469	469	469	469	469	0	469	469
8 Thompson River Co-Gen	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9 Total Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
<i>-Other Entities-</i>														
10 Coyote Springs #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
12 Klamath Cogeneration Project	484	484	484	484	484	484	484	484	484	484	484	484	484	484
13 Longview Fibre	45	45	45	45	45	45	45	45	45	45	45	45	45	45
14 Total Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
<i>-Cogeneration-</i>														
15 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
17 Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
18 Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
19 Total Cogeneration	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189

Table A-9: Regional Cogeneration  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 WEYCO Energy Center	20	20	20	20	20	0	20	20	20	20	20	20	20	0
3 Total Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
<i>-Investor_Owned Entities-</i>														
4 Coyote Springs #1	218	218	223	230	237	242	242	239	235	231	231	226	221	217
5 Coyote Springs #2	280	280	280	280	280	280	280	280	280	280	280	0	280	280
6 Georgia-Pacific Paper (Camas)	52	52	52	52	52	52	52	52	52	52	52	0	52	52
7 Hermiston Cogeneration	469	469	469	469	469	469	469	469	469	469	469	0	469	469
8 Thompson River Co-Gen	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9 Total Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
<i>-Other Entities-</i>														
10 Coyote Springs #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
12 Klamath Cogeneration Project	484	484	484	484	484	484	484	484	484	484	484	484	484	484
13 Longview Fibre	45	45	45	45	45	45	45	45	45	45	45	45	45	45
14 Total Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
<i>-Cogeneration-</i>														
15 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
17 Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
18 Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
19 Total Cogeneration	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189

Table A-9: Regional Cogeneration  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 WEYCO Energy Center	20	20	20	20	20	0	20	20	20	20	20	20	20	0
3 Total Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
<i>-Investor_Owned Entities-</i>														
4 Coyote Springs #1	218	218	223	230	237	242	242	239	235	231	231	226	221	217
5 Coyote Springs #2	280	280	280	280	280	280	280	280	280	280	280	0	280	280
6 Georgia-Pacific Paper (Camas)	52	52	52	52	52	52	52	52	52	52	52	0	52	52
7 Hermiston Cogeneration	469	469	469	469	469	469	469	469	469	469	469	0	469	469
8 Thompson River Co-Gen	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9 Total Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
<i>-Other Entities-</i>														
10 Coyote Springs #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
12 Klamath Cogeneration Project	484	484	484	484	484	484	484	484	484	484	484	484	484	484
13 Longview Fibre	45	45	45	45	45	45	45	45	45	45	45	45	45	45
14 Total Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
<i>-Cogeneration-</i>														
15 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
17 Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
18 Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
19 Total Cogeneration	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189

Table A-9: Regional Cogeneration  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal System-</i>														
1 Total Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Public Entities-</i>														
2 WEYCO Energy Center	20	20	20	20	20	0	20	20	20	20	20	20	20	0
3 Total Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
<i>-Investor_Owned Entities-</i>														
4 Coyote Springs #1	218	218	223	230	237	242	242	239	235	231	231	226	221	217
5 Coyote Springs #2	280	280	280	280	280	280	280	280	280	280	280	0	280	280
6 Georgia-Pacific Paper (Camas)	52	52	52	52	52	52	52	52	52	52	52	0	52	52
7 Hermiston Cogeneration	469	469	469	469	469	469	469	469	469	469	469	0	469	469
8 Thompson River Co-Gen	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9 Total Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
<i>-Other Entities-</i>														
10 Coyote Springs #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Hermiston Power Project	630	630	630	630	630	630	630	630	0	630	630	630	630	630
12 Klamath Cogeneration Project	484	484	484	484	484	484	484	484	484	484	484	484	484	484
13 Longview Fibre	45	45	45	45	45	45	45	45	45	45	45	45	45	45
14 Total Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
<i>-Cogeneration-</i>														
15 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Public Entities	20	20	20	20	20	0	20	20	20	20	20	20	20	0
17 Investor-Owned Entities	1031	1031	1036	1043	1050	1055	1055	1052	1048	1044	1044	238	1034	1030
18 Other Entities	1159	1159	1159	1159	1159	1159	1159	1159	529	1159	1159	1159	1159	1159
19 Total Cogeneration	2210	2210	2215	2222	2229	2214	2234	2231	1597	2223	2223	1417	2213	2189

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Table A-10  
Large Thermal  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System



Table A-10: Regional Large Thermal  
PNW Loads and Resource Study  
2005 - 2006 Operating Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Boardman: Coal-</b>														
1 Idaho Power Company	59	59	59	59	59	59	59	59	59	59	59	0	59	59
2 Portland General Electric	384	384	384	384	384	384	384	384	384	384	384	0	384	384
3 San Diego Gas & Electric	87	87	87	87	87	87	87	87	87	87	87	0	87	87
4 Turlock Irrigation District	59	59	59	59	59	59	59	59	59	59	59	0	59	59
5 Boardman: Regional Total	589	589	589	589	589	589	589	589	589	589	589	0	589	589
<b>-Centralia #1: Coal-</b>														
6 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	0	670	670
7 Centralia #1: Regional Total	670	670	670	670	670	670	670	670	670	670	670	0	670	670
<b>-Centralia #2: Coal-</b>														
8 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	670	670	670
9 Centralia #2: Regional Total	670	670	670	670	670	670	670	670	670	670	670	670	670	670
<b>-Colstrip #1: Coal-</b>														
10 Puget Sound Energy	154	154	154	154	154	154	154	154	154	154	154	154	154	154
11 Colstrip #1: Regional Total	154	154	154	154	154	154	154	154	154	154	154	154	154	154
<b>-Colstrip #2: Coal-</b>														
12 Puget Sound Energy	154	154	154	154	154	154	154	154	154	154	154	154	154	154
13 Colstrip #2: Regional Total	154	154	154	154	154	154	154	154	154	154	154	154	154	154
<b>-Colstrip #3: Coal-</b>														
14 Avista Corp (WWP Division)	111	111	111	111	111	111	111	111	111	111	111	111	111	111
15 Pacific Power	74	74	74	74	74	74	74	74	74	74	74	74	74	74
16 Portland General Electric	148	148	148	148	148	148	148	148	148	148	148	148	148	148
17 Puget Sound Energy	185	185	185	185	185	185	185	185	185	185	185	185	185	185
18 Colstrip #3: Regional Total	518	518	518	518	518	518	518	518	518	518	518	518	518	518
<b>-Colstrip #4: Coal-</b>														
19 Avista Corp (WWP Division)	111	111	111	0	115	115	115	115	115	115	115	115	115	115
20 Northwestern Energy LLC (MPC)	222	222	222	0	230	230	230	230	230	230	230	230	230	230
21 Pacific Power	74	74	74	0	76	76	76	76	76	76	76	76	76	76
22 Portland General Electric	148	148	148	0	153	153	153	153	153	153	153	153	153	153
23 Puget Sound Energy	185	185	185	0	191	191	191	191	191	191	191	191	191	191
24 Colstrip #4: Regional Total	740	740	740	0	765	765	765	765	765	765	765	765	765	765
<b>-Columbia Generating Station: Uranium-</b>														
25 BPA - Power Business	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
26 Columbia Generating Station: Regional Total	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<b>-Jim Bridger #1: Coal-</b>														
27 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
28 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
29 Jim Bridger #1: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #2: Coal-</b>														
30 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
31 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
32 Jim Bridger #2: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #3: Coal-</b>														
33 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
34 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
35 Jim Bridger #3: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #4: Coal-</b>														
36 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	0	177	177	177
37 Pacific Power	353	353	353	353	353	353	353	353	353	353	0	353	353	353
38 Jim Bridger #4: Regional Total	530	530	530	530	530	530	530	530	530	530	0	530	530	530
<b>-Valmy #1: Coal-</b>														
39 Idaho Power Company	128	128	128	128	128	128	128	128	128	128	128	128	128	128
40 Valmy #1: Regional Total	128	128	128	128	128	128	128	128	128	128	128	128	128	128
<b>-Valmy #2: Coal-</b>														
41 Idaho Power Company	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42 Valmy #2: Regional Total	134	134	134	134	134	134	134	134	134	134	134	134	134	134
<b>-Total Large Thermal-</b>														
43 Federal System	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
44 Public Entities	59	59	59	59	59	59	59	59	59	59	59	0	59	59
45 Investor-Owned Entities	5817	5817	5817	5077	5842	5842	5842	5842	5842	5842	5312	4642	5842	5842
46 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Total Large Thermal	7026	7026	7026	6286	7051	7051	7051	7051	7051	7051	6521	5792	7051	7051

Table A-10: Regional Large Thermal  
PNW Loads and Resource Study  
2006 - 2007 Operating Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Boardman: Coal-</b>														
1 Idaho Power Company	59	59	59	59	59	59	59	59	59	59	59	0	59	59
2 Portland General Electric	384	384	384	384	384	384	384	384	384	384	384	0	384	384
3 San Diego Gas & Electric	87	87	87	87	87	87	87	87	87	87	87	0	87	87
4 Turlock Irrigation District	59	59	59	59	59	59	59	59	59	59	59	0	59	59
5 Boardman: Regional Total	589	589	589	589	589	589	589	589	589	589	589	0	589	589
<b>-Centralia #1: Coal-</b>														
6 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	670	670	670
7 Centralia #1: Regional Total	670	670	670	670	670	670	670	670	670	670	670	670	670	670
<b>-Centralia #2: Coal-</b>														
8 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	0	670	670
9 Centralia #2: Regional Total	670	670	670	670	670	670	670	670	670	670	670	0	670	670
<b>-Colstrip #1: Coal-</b>														
10 Puget Sound Energy	154	154	0	0	160	160	160	160	160	160	160	160	160	160
11 Colstrip #1: Regional Total	154	154	0	0	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #2: Coal-</b>														
12 Puget Sound Energy	154	154	154	154	154	154	154	154	154	154	154	154	154	154
13 Colstrip #2: Regional Total	154	154	154	154	154	154	154	154	154	154	154	154	154	154
<b>-Colstrip #3: Coal-</b>														
14 Avista Corp (WWP Division)	111	111	0	0	111	115	115	115	115	115	115	115	115	115
15 Pacific Power	74	74	0	0	74	76	76	76	76	76	76	76	76	76
16 Portland General Electric	148	148	0	0	148	153	153	153	153	153	153	153	153	153
17 Puget Sound Energy	185	185	0	0	185	191	191	191	191	191	191	191	191	191
18 Colstrip #3: Regional Total	518	518	0	0	518	536	536	536	536	536	536	536	536	536
<b>-Colstrip #4: Coal-</b>														
19 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
20 Northwestern Energy LLC (MPC)	230	230	230	230	230	230	230	230	230	230	230	230	230	230
21 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
22 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
23 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
24 Colstrip #4: Regional Total	765	765	765	765	765	765	765	765	765	765	765	765	765	765
<b>-Columbia Generating Station: Uranium-</b>														
25 BPA - Power Business	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
26 Columbia Generating Station: Regional Total	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
<b>-Jim Bridger #1: Coal-</b>														
27 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	0	0	177
28 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	0	0	353
29 Jim Bridger #1: Regional Total	530	530	530	530	530	530	530	530	530	530	530	0	0	530
<b>-Jim Bridger #2: Coal-</b>														
30 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	0	177	177	177
31 Pacific Power	353	353	353	353	353	353	353	353	353	353	0	353	353	353
32 Jim Bridger #2: Regional Total	530	530	530	530	530	530	530	530	530	530	0	530	530	530
<b>-Jim Bridger #3: Coal-</b>														
33 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	0	0	177
34 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	0	0	353
35 Jim Bridger #3: Regional Total	530	530	530	530	530	530	530	530	530	530	530	0	0	530
<b>-Jim Bridger #4: Coal-</b>														
36 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
37 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
38 Jim Bridger #4: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Valmy #1: Coal-</b>														
39 Idaho Power Company	128	128	128	128	128	128	128	128	128	128	128	128	128	128
40 Valmy #1: Regional Total	128	128	128	128	128	128	128	128	128	128	128	128	128	128
<b>-Valmy #2: Coal-</b>														
41 Idaho Power Company	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42 Valmy #2: Regional Total	134	134	134	134	134	134	134	134	134	134	134	134	134	134
<b>-Total Large Thermal-</b>														
43 Federal System	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
44 Public Entities	59	59	59	59	59	59	59	59	59	59	59	0	59	59
45 Investor-Owned Entities	5842	5842	5171	5171	5848	5866	5866	5866	5866	5866	5336	3606	4806	5866
46 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Total Large Thermal	7051	7051	6380	6380	7057	7074	7074	7074	7074	7074	6544	3606	4864	7074

Table A-10: Regional Large Thermal  
PNW Loads and Resource Study  
2007 - 2008 Operating Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Boardman: Coal-</b>														
1 Idaho Power Company	59	59	59	59	59	59	59	59	59	59	59	0	59	59
2 Portland General Electric	384	384	384	384	384	384	384	384	384	384	384	0	384	384
3 San Diego Gas & Electric	87	87	87	87	87	87	87	87	87	87	87	0	87	87
4 Turlock Irrigation District	59	59	59	59	59	59	59	59	59	59	59	0	59	59
5 Boardman: Regional Total	589	589	589	589	589	589	589	589	589	589	589	0	589	589
<b>-Centralia #1: Coal-</b>														
6 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	0	670	670
7 Centralia #1: Regional Total	670	670	670	670	670	670	670	670	670	670	670	0	670	670
<b>-Centralia #2: Coal-</b>														
8 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	670	670	670
9 Centralia #2: Regional Total	670	670	670	670	670	670	670	670	670	670	670	670	670	670
<b>-Colstrip #1: Coal-</b>														
10 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	0	160	160	160
11 Colstrip #1: Regional Total	160	160	160	160	160	160	160	160	160	160	0	160	160	160
<b>-Colstrip #2: Coal-</b>														
12 Puget Sound Energy	154	154	154	0	0	160	160	160	160	160	160	160	160	160
13 Colstrip #2: Regional Total	154	154	154	0	0	160	160	160	160	160	160	160	160	160
<b>-Colstrip #3: Coal-</b>														
14 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
15 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
16 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
17 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
18 Colstrip #3: Regional Total	536	536	536	536	536	536	536	536	536	536	536	536	536	536
<b>-Colstrip #4: Coal-</b>														
19 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
20 Northwestern Energy LLC (MPC)	230	230	230	230	230	230	230	230	230	230	230	230	230	230
21 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
22 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
23 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
24 Colstrip #4: Regional Total	765	765	765	765	765	765	765	765	765	765	765	765	765	765
<b>-Columbia Generating Station: Uranium-</b>														
25 BPA - Power Business	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
26 Columbia Generating Station: Regional Total	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<b>-Jim Bridger #1: Coal-</b>														
27 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
28 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
29 Jim Bridger #1: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #2: Coal-</b>														
30 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
31 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
32 Jim Bridger #2: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #3: Coal-</b>														
33 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
34 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
35 Jim Bridger #3: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #4: Coal-</b>														
36 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	0	0	177
37 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	0	0	353
38 Jim Bridger #4: Regional Total	530	530	530	530	530	530	530	530	530	530	530	0	0	530
<b>-Valmy #1: Coal-</b>														
39 Idaho Power Company	128	128	128	128	128	128	128	128	128	128	128	128	128	128
40 Valmy #1: Regional Total	128	128	128	128	128	128	128	128	128	128	128	128	128	128
<b>-Valmy #2: Coal-</b>														
41 Idaho Power Company	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42 Valmy #2: Regional Total	134	134	134	134	134	134	134	134	134	134	134	134	134	134
<b>-Total Large Thermal-</b>														
43 Federal System	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
44 Public Entities	59	59	59	59	59	59	59	59	59	59	59	0	59	59
45 Investor-Owned Entities	5866	5866	5866	5712	5712	5872	5872	5872	5872	5872	5712	4142	5342	5872
46 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Total Large Thermal	7074	7074	7074	6921	6921	7080	7080	7080	7080	7080	6921	5292	6550	7080

Table A-10: Regional Large Thermal  
PNW Loads and Resource Study  
2008 - 2009 Operating Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Boardman: Coal-</b>														
1 Idaho Power Company	59	59	59	59	59	59	59	59	59	59	59	0	59	59
2 Portland General Electric	384	384	384	384	384	384	384	384	384	384	384	0	384	384
3 San Diego Gas & Electric	87	87	87	87	87	87	87	87	87	87	87	0	87	87
4 Turlock Irrigation District	59	59	59	59	59	59	59	59	59	59	59	0	59	59
5 Boardman: Regional Total	589	589	589	589	589	589	589	589	589	589	589	0	589	589
<b>-Centralia #1: Coal-</b>														
6 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	670	670	670
7 Centralia #1: Regional Total	670	670	670	670	670	670	670	670	670	670	670	670	670	670
<b>-Centralia #2: Coal-</b>														
8 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	0	670	670
9 Centralia #2: Regional Total	670	670	670	670	670	670	670	670	670	670	670	0	670	670
<b>-Colstrip #1: Coal-</b>														
10 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	0	0	160
11 Colstrip #1: Regional Total	160	160	160	160	160	160	160	160	160	160	160	0	0	160
<b>-Colstrip #2: Coal-</b>														
12 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13 Colstrip #2: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #3: Coal-</b>														
14 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
15 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
16 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
17 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
18 Colstrip #3: Regional Total	536	536	536	536	536	536	536	536	536	536	536	536	536	536
<b>-Colstrip #4: Coal-</b>														
19 Avista Corp (WWP Division)	115	0	0	115	115	115	115	115	115	115	115	115	115	115
20 Northwestern Energy LLC (MPC)	230	0	0	230	230	230	230	230	230	230	230	230	230	230
21 Pacific Power	76	0	0	76	76	76	76	76	76	76	76	76	76	76
22 Portland General Electric	153	0	0	153	153	153	153	153	153	153	153	153	153	153
23 Puget Sound Energy	191	0	0	191	191	191	191	191	191	191	191	191	191	191
24 Colstrip #4: Regional Total	765	0	0	765	765	765	765	765	765	765	765	765	765	765
<b>-Columbia Generating Station: Uranium-</b>														
25 BPA - Power Business	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
26 Columbia Generating Station: Regional Total	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
<b>-Jim Bridger #1: Coal-</b>														
27 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	0	177	177	177
28 Pacific Power	353	353	353	353	353	353	353	353	353	353	0	353	353	353
29 Jim Bridger #1: Regional Total	530	530	530	530	530	530	530	530	530	530	0	530	530	530
<b>-Jim Bridger #2: Coal-</b>														
30 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	0	177	177
31 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	0	353	353
32 Jim Bridger #2: Regional Total	530	530	530	530	530	530	530	530	530	530	530	0	530	530
<b>-Jim Bridger #3: Coal-</b>														
33 Idaho Power Company	177	177	177	177	177	177	177	177	177	0	177	177	177	177
34 Pacific Power	353	353	353	353	353	353	353	353	353	0	353	353	353	353
35 Jim Bridger #3: Regional Total	530	530	530	530	530	530	530	530	530	0	530	530	530	530
<b>-Jim Bridger #4: Coal-</b>														
36 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
37 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
38 Jim Bridger #4: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Valmy #1: Coal-</b>														
39 Idaho Power Company	128	128	128	128	128	128	128	128	128	128	128	128	128	128
40 Valmy #1: Regional Total	128	128	128	128	128	128	128	128	128	128	128	128	128	128
<b>-Valmy #2: Coal-</b>														
41 Idaho Power Company	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42 Valmy #2: Regional Total	134	134	134	134	134	134	134	134	134	134	134	134	134	134
<b>-Total Large Thermal-</b>														
43 Federal System	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
44 Public Entities	59	59	59	59	59	59	59	59	59	59	59	0	59	59
45 Investor-Owned Entities	5872	5107	5107	5872	5872	5872	5872	5872	5872	5342	5342	3982	5712	5872
46 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Total Large Thermal	7080	6316	6316	7080	7080	7080	7080	7080	7080	6550	6550	3982	5771	7080

Table A-10: Regional Large Thermal  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Boardman: Coal-</b>														
1 Idaho Power Company	59	59	59	59	59	59	59	59	59	59	59	0	59	59
2 Portland General Electric	384	384	384	384	384	384	384	384	384	384	384	0	384	384
3 San Diego Gas & Electric	87	87	87	87	87	87	87	87	87	87	87	0	87	87
4 Turlock Irrigation District	59	59	59	59	59	59	59	59	59	59	59	0	59	59
5 Boardman: Regional Total	589	589	589	589	589	589	589	589	589	589	589	0	589	589
<b>-Centralia #1: Coal-</b>														
6 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	0	0	670	670	670
7 Centralia #1: Regional Total	670	670	670	670	670	670	670	670	670	0	0	670	670	670
<b>-Centralia #2: Coal-</b>														
8 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	670	670	670
9 Centralia #2: Regional Total	670	670	670	670	670	670	670	670	670	670	670	670	670	670
<b>-Colstrip #1: Coal-</b>														
10 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11 Colstrip #1: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #2: Coal-</b>														
12 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13 Colstrip #2: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #3: Coal-</b>														
14 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
15 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
16 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
17 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
18 Colstrip #3: Regional Total	536	536	536	536	536	536	536	536	536	536	536	536	536	536
<b>-Colstrip #4: Coal-</b>														
19 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
20 Northwestern Energy LLC (MPC)	230	230	230	230	230	230	230	230	230	230	230	230	230	230
21 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
22 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
23 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
24 Colstrip #4: Regional Total	765	765	765	765	765	765	765	765	765	765	765	765	765	765
<b>-Columbia Generating Station: Uranium-</b>														
25 BPA - Power Business	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
26 Columbia Generating Station: Regional Total	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<b>-Jim Bridger #1: Coal-</b>														
27 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
28 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
29 Jim Bridger #1: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #2: Coal-</b>														
30 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
31 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
32 Jim Bridger #2: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #3: Coal-</b>														
33 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	0	177
34 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	0	353
35 Jim Bridger #3: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	0	530
<b>-Jim Bridger #4: Coal-</b>														
36 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
37 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
38 Jim Bridger #4: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Valmy #1: Coal-</b>														
39 Idaho Power Company	128	128	128	128	128	128	128	128	128	128	128	128	128	128
40 Valmy #1: Regional Total	128	128	128	128	128	128	128	128	128	128	128	128	128	128
<b>-Valmy #2: Coal-</b>														
41 Idaho Power Company	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42 Valmy #2: Regional Total	134	134	134	134	134	134	134	134	134	134	134	134	134	134
<b>-Total Large Thermal-</b>														
43 Federal System	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
44 Public Entities	59	59	59	59	59	59	59	59	59	59	59	0	59	59
45 Investor-Owned Entities	5872	5872	5872	5872	5872	5872	5872	5872	5872	5202	5202	5342	5342	5872
46 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Total Large Thermal	7080	7080	7080	7080	7080	7080	7080	7080	7080	6410	6410	6492	6550	7080

Table A-10: Regional Large Thermal  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Boardman: Coal-</b>														
1 Idaho Power Company	59	59	59	59	59	59	59	59	59	59	59	0	59	59
2 Portland General Electric	384	384	384	384	384	384	384	384	384	384	384	0	384	384
3 San Diego Gas & Electric	87	87	87	87	87	87	87	87	87	87	87	0	87	87
4 Turlock Irrigation District	59	59	59	59	59	59	59	59	59	59	59	0	59	59
5 Boardman: Regional Total	589	589	589	589	589	589	589	589	589	589	589	0	589	589
<b>-Centralia #1: Coal-</b>														
6 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	670	670	670
7 Centralia #1: Regional Total	670	670	670	670	670	670	670	670	670	670	670	670	670	670
<b>-Centralia #2: Coal-</b>														
8 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	0	0	670	670	670
9 Centralia #2: Regional Total	670	670	670	670	670	670	670	670	670	0	0	670	670	670
<b>-Colstrip #1: Coal-</b>														
10 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11 Colstrip #1: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #2: Coal-</b>														
12 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13 Colstrip #2: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #3: Coal-</b>														
14 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
15 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
16 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
17 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
18 Colstrip #3: Regional Total	536	536	536	536	536	536	536	536	536	536	536	536	536	536
<b>-Colstrip #4: Coal-</b>														
19 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
20 Northwestern Energy LLC (MPC)	230	230	230	230	230	230	230	230	230	230	230	230	230	230
21 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
22 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
23 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
24 Colstrip #4: Regional Total	765	765	765	765	765	765	765	765	765	765	765	765	765	765
<b>-Columbia Generating Station: Uranium-</b>														
25 BPA - Power Business	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
26 Columbia Generating Station: Regional Total	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
<b>-Jim Bridger #1: Coal-</b>														
27 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	0	0	177	177
28 Pacific Power	353	353	353	353	353	353	353	353	353	353	0	0	353	353
29 Jim Bridger #1: Regional Total	530	530	530	530	530	530	530	530	530	530	0	0	530	530
<b>-Jim Bridger #2: Coal-</b>														
30 Idaho Power Company	177	177	177	177	177	177	177	177	177	0	177	177	177	177
31 Pacific Power	353	353	353	353	353	353	353	353	353	0	353	353	353	353
32 Jim Bridger #2: Regional Total	530	530	530	530	530	530	530	530	530	0	530	530	530	530
<b>-Jim Bridger #3: Coal-</b>														
33 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
34 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
35 Jim Bridger #3: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #4: Coal-</b>														
36 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
37 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
38 Jim Bridger #4: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Valmy #1: Coal-</b>														
39 Idaho Power Company	128	128	128	128	128	128	128	128	128	128	128	128	128	128
40 Valmy #1: Regional Total	128	128	128	128	128	128	128	128	128	128	128	128	128	128
<b>-Valmy #2: Coal-</b>														
41 Idaho Power Company	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42 Valmy #2: Regional Total	134	134	134	134	134	134	134	134	134	134	134	134	134	134
<b>-Total Large Thermal-</b>														
43 Federal System	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
44 Public Entities	59	59	59	59	59	59	59	59	59	59	59	0	59	59
45 Investor-Owned Entities	5872	5872	5872	5872	5872	5872	5872	5872	5872	4672	4672	4812	5872	5872
46 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Total Large Thermal	7080	7080	7080	7080	7080	7080	7080	7080	7080	5880	5880	4812	5930	7080

Table A-10: Regional Large Thermal  
PNW Loads and Resource Study  
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12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Boardman: Coal-</b>														
1 Idaho Power Company	59	59	59	59	59	59	59	59	59	59	59	0	59	59
2 Portland General Electric	384	384	384	384	384	384	384	384	384	384	384	0	384	384
3 San Diego Gas & Electric	87	87	87	87	87	87	87	87	87	87	87	0	87	87
4 Turlock Irrigation District	59	59	59	59	59	59	59	59	59	59	59	0	59	59
5 Boardman: Regional Total	589	589	589	589	589	589	589	589	589	589	589	0	589	589
<b>-Centralia #1: Coal-</b>														
6 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	0	670	670
7 Centralia #1: Regional Total	670	670	670	670	670	670	670	670	670	670	670	0	670	670
<b>-Centralia #2: Coal-</b>														
8 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	670	670	670
9 Centralia #2: Regional Total	670	670	670	670	670	670	670	670	670	670	670	670	670	670
<b>-Colstrip #1: Coal-</b>														
10 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11 Colstrip #1: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #2: Coal-</b>														
12 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13 Colstrip #2: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #3: Coal-</b>														
14 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
15 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
16 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
17 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
18 Colstrip #3: Regional Total	536	536	536	536	536	536	536	536	536	536	536	536	536	536
<b>-Colstrip #4: Coal-</b>														
19 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
20 Northwestern Energy LLC (MPC)	230	230	230	230	230	230	230	230	230	230	230	230	230	230
21 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
22 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
23 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
24 Colstrip #4: Regional Total	765	765	765	765	765	765	765	765	765	765	765	765	765	765
<b>-Columbia Generating Station: Uranium-</b>														
25 BPA - Power Business	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
26 Columbia Generating Station: Regional Total	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<b>-Jim Bridger #1: Coal-</b>														
27 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
28 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
29 Jim Bridger #1: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #2: Coal-</b>														
30 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
31 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
32 Jim Bridger #2: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #3: Coal-</b>														
33 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
34 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
35 Jim Bridger #3: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #4: Coal-</b>														
36 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	0	177	177
37 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	0	353	353
38 Jim Bridger #4: Regional Total	530	530	530	530	530	530	530	530	530	530	530	0	530	530
<b>-Valmy #1: Coal-</b>														
39 Idaho Power Company	128	128	128	128	128	128	128	128	128	128	128	128	128	128
40 Valmy #1: Regional Total	128	128	128	128	128	128	128	128	128	128	128	128	128	128
<b>-Valmy #2: Coal-</b>														
41 Idaho Power Company	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42 Valmy #2: Regional Total	134	134	134	134	134	134	134	134	134	134	134	134	134	134
<b>-Total Large Thermal-</b>														
43 Federal System	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
44 Public Entities	59	59	59	59	59	59	59	59	59	59	59	0	59	59
45 Investor-Owned Entities	5872	5872	5872	5872	5872	5872	5872	5872	5872	5872	5872	4142	5872	5872
46 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Total Large Thermal	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	5292	7080	7080

Table A-10: Regional Large Thermal  
PNW Loads and Resource Study  
2012 - 2013 Operating Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Boardman: Coal-</b>														
1 Idaho Power Company	59	59	59	59	59	59	59	59	59	59	59	0	59	59
2 Portland General Electric	384	384	384	384	384	384	384	384	384	384	384	0	384	384
3 San Diego Gas & Electric	87	87	87	87	87	87	87	87	87	87	87	0	87	87
4 Turlock Irrigation District	59	59	59	59	59	59	59	59	59	59	59	0	59	59
5 Boardman: Regional Total	589	589	589	589	589	589	589	589	589	589	589	0	589	589
<b>-Centralia #1: Coal-</b>														
6 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	670	670	670
7 Centralia #1: Regional Total	670	670	670	670	670	670	670	670	670	670	670	670	670	670
<b>-Centralia #2: Coal-</b>														
8 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	0	670	670
9 Centralia #2: Regional Total	670	670	670	670	670	670	670	670	670	670	670	0	670	670
<b>-Colstrip #1: Coal-</b>														
10 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11 Colstrip #1: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #2: Coal-</b>														
12 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13 Colstrip #2: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #3: Coal-</b>														
14 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
15 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
16 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
17 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
18 Colstrip #3: Regional Total	536	536	536	536	536	536	536	536	536	536	536	536	536	536
<b>-Colstrip #4: Coal-</b>														
19 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
20 Northwestern Energy LLC (MPC)	230	230	230	230	230	230	230	230	230	230	230	230	230	230
21 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
22 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
23 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
24 Colstrip #4: Regional Total	765	765	765	765	765	765	765	765	765	765	765	765	765	765
<b>-Columbia Generating Station: Uranium-</b>														
25 BPA - Power Business	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
26 Columbia Generating Station: Regional Total	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
<b>-Jim Bridger #1: Coal-</b>														
27 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
28 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
29 Jim Bridger #1: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #2: Coal-</b>														
30 Idaho Power Company	177	177	177	177	177	177	177	177	177	0	0	177	177	177
31 Pacific Power	353	353	353	353	353	353	353	353	353	0	0	353	353	353
32 Jim Bridger #2: Regional Total	530	530	530	530	530	530	530	530	530	0	0	530	530	530
<b>-Jim Bridger #3: Coal-</b>														
33 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	0	177	177	177
34 Pacific Power	353	353	353	353	353	353	353	353	353	353	0	353	353	353
35 Jim Bridger #3: Regional Total	530	530	530	530	530	530	530	530	530	530	0	530	530	530
<b>-Jim Bridger #4: Coal-</b>														
36 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
37 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
38 Jim Bridger #4: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Valmy #1: Coal-</b>														
39 Idaho Power Company	128	128	128	128	128	128	128	128	128	128	128	128	128	128
40 Valmy #1: Regional Total	128	128	128	128	128	128	128	128	128	128	128	128	128	128
<b>-Valmy #2: Coal-</b>														
41 Idaho Power Company	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42 Valmy #2: Regional Total	134	134	134	134	134	134	134	134	134	134	134	134	134	134
<b>-Total Large Thermal-</b>														
43 Federal System	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
44 Public Entities	59	59	59	59	59	59	59	59	59	59	59	0	59	59
45 Investor-Owned Entities	5872	5872	5872	5872	5872	5872	5872	5872	5872	5342	4812	4672	5872	5872
46 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Total Large Thermal	7080	7080	7080	7080	7080	7080	7080	7080	7080	6550	6020	4672	5930	7080



Table A-10: Regional Large Thermal  
PNW Loads and Resource Study  
2013 - 2014 Operating Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Boardman: Coal-</b>														
1 Idaho Power Company	59	59	59	59	59	59	59	59	59	59	59	0	59	59
2 Portland General Electric	384	384	384	384	384	384	384	384	384	384	384	0	384	384
3 San Diego Gas & Electric	87	87	87	87	87	87	87	87	87	87	87	0	87	87
4 Turlock Irrigation District	59	59	59	59	59	59	59	59	59	59	59	0	59	59
5 Boardman: Regional Total	589	589	589	589	589	589	589	589	589	589	589	0	589	589
<b>-Centralia #1: Coal-</b>														
6 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	0	670	670
7 Centralia #1: Regional Total	670	670	670	670	670	670	670	670	670	670	670	0	670	670
<b>-Centralia #2: Coal-</b>														
8 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	670	670	670
9 Centralia #2: Regional Total	670	670	670	670	670	670	670	670	670	670	670	670	670	670
<b>-Colstrip #1: Coal-</b>														
10 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11 Colstrip #1: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #2: Coal-</b>														
12 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13 Colstrip #2: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #3: Coal-</b>														
14 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
15 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
16 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
17 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
18 Colstrip #3: Regional Total	536	536	536	536	536	536	536	536	536	536	536	536	536	536
<b>-Colstrip #4: Coal-</b>														
19 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
20 Northwestern Energy LLC (MPC)	230	230	230	230	230	230	230	230	230	230	230	230	230	230
21 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
22 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
23 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
24 Colstrip #4: Regional Total	765	765	765	765	765	765	765	765	765	765	765	765	765	765
<b>-Columbia Generating Station: Uranium-</b>														
25 BPA - Power Business	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
26 Columbia Generating Station: Regional Total	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
<b>-Jim Bridger #1: Coal-</b>														
27 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
28 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
29 Jim Bridger #1: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #2: Coal-</b>														
30 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
31 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
32 Jim Bridger #2: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #3: Coal-</b>														
33 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
34 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
35 Jim Bridger #3: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #4: Coal-</b>														
36 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
37 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
38 Jim Bridger #4: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Valmy #1: Coal-</b>														
39 Idaho Power Company	128	128	128	128	128	128	128	128	128	128	128	128	128	128
40 Valmy #1: Regional Total	128	128	128	128	128	128	128	128	128	128	128	128	128	128
<b>-Valmy #2: Coal-</b>														
41 Idaho Power Company	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42 Valmy #2: Regional Total	134	134	134	134	134	134	134	134	134	134	134	134	134	134
<b>-Total Large Thermal-</b>														
43 Federal System	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
44 Public Entities	59	59	59	59	59	59	59	59	59	59	59	0	59	59
45 Investor-Owned Entities	5872	5872	5872	5872	5872	5872	5872	5872	5872	5872	5872	4672	5872	5872
46 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Total Large Thermal	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	5822	7080	7080

Table A-10: Regional Large Thermal  
PNW Loads and Resource Study  
2014 - 2015 Operating Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Boardman: Coal-</b>														
1 Idaho Power Company	59	59	59	59	59	59	59	59	59	59	59	0	59	59
2 Portland General Electric	384	384	384	384	384	384	384	384	384	384	384	0	384	384
3 San Diego Gas & Electric	87	87	87	87	87	87	87	87	87	87	87	0	87	87
4 Turlock Irrigation District	59	59	59	59	59	59	59	59	59	59	59	0	59	59
5 Boardman: Regional Total	589	589	589	589	589	589	589	589	589	589	589	0	589	589
<b>-Centralia #1: Coal-</b>														
6 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	670	670	670
7 Centralia #1: Regional Total	670	670	670	670	670	670	670	670	670	670	670	670	670	670
<b>-Centralia #2: Coal-</b>														
8 Trans Alta Utilities Corp	670	670	670	670	670	670	670	670	670	670	670	0	670	670
9 Centralia #2: Regional Total	670	670	670	670	670	670	670	670	670	670	670	0	670	670
<b>-Colstrip #1: Coal-</b>														
10 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11 Colstrip #1: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #2: Coal-</b>														
12 Puget Sound Energy	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13 Colstrip #2: Regional Total	160	160	160	160	160	160	160	160	160	160	160	160	160	160
<b>-Colstrip #3: Coal-</b>														
14 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
15 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
16 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
17 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
18 Colstrip #3: Regional Total	536	536	536	536	536	536	536	536	536	536	536	536	536	536
<b>-Colstrip #4: Coal-</b>														
19 Avista Corp (WWP Division)	115	115	115	115	115	115	115	115	115	115	115	115	115	115
20 Northwestern Energy LLC (MPC)	230	230	230	230	230	230	230	230	230	230	230	230	230	230
21 Pacific Power	76	76	76	76	76	76	76	76	76	76	76	76	76	76
22 Portland General Electric	153	153	153	153	153	153	153	153	153	153	153	153	153	153
23 Puget Sound Energy	191	191	191	191	191	191	191	191	191	191	191	191	191	191
24 Colstrip #4: Regional Total	765	765	765	765	765	765	765	765	765	765	765	765	765	765
<b>-Columbia Generating Station: Uranium-</b>														
25 BPA - Power Business	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
26 Columbia Generating Station: Regional Total	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
<b>-Jim Bridger #1: Coal-</b>														
27 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
28 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
29 Jim Bridger #1: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #2: Coal-</b>														
30 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
31 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
32 Jim Bridger #2: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #3: Coal-</b>														
33 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
34 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
35 Jim Bridger #3: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Jim Bridger #4: Coal-</b>														
36 Idaho Power Company	177	177	177	177	177	177	177	177	177	177	177	177	177	177
37 Pacific Power	353	353	353	353	353	353	353	353	353	353	353	353	353	353
38 Jim Bridger #4: Regional Total	530	530	530	530	530	530	530	530	530	530	530	530	530	530
<b>-Valmy #1: Coal-</b>														
39 Idaho Power Company	128	128	128	128	128	128	128	128	128	128	128	128	128	128
40 Valmy #1: Regional Total	128	128	128	128	128	128	128	128	128	128	128	128	128	128
<b>-Valmy #2: Coal-</b>														
41 Idaho Power Company	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42 Valmy #2: Regional Total	134	134	134	134	134	134	134	134	134	134	134	134	134	134
<b>-Total Large Thermal-</b>														
43 Federal System	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	0	0	1150
44 Public Entities	59	59	59	59	59	59	59	59	59	59	59	0	59	59
45 Investor-Owned Entities	5872	5872	5872	5872	5872	5872	5872	5872	5872	5872	5872	4672	5872	5872
46 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Total Large Thermal	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	7080	4672	5930	7080

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Table A-11  
Restoration  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Restoration adjustments obsolete due to BPA using a  
1-year critical period for planning.

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Table A-12  
Canadian Entitlement Return For CSPE  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Table is obsolete due to expiration of contract on  
March 31, 2003

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Table A-13  
Columbia Storage Power Exchange Purchase (CSPE)  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Table is obsolete due to expiration of contract on  
March 31, 2003

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Table A-14  
Supplemental & Entitlement Capacity  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Table is obsolete due to expiration of contract on  
March 31, 2003

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Table A-15  
Canadian Entitlement Return For Canada  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

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Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-BPA Canada-</b>														
<b>1 BPA: Regional Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Priest Rapids CER for Canada-</b>														
2 AVWP to BPA	3.2	3.2	3.2	3.2	2.6	2.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
3 COPD to BPA	1	1	1	1	0.8	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
4 CWPC to BPA	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5 EWEB to BPA	0.9	0.9	0.9	0.9	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
6 FGRV to BPA	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7 FREC to BPA	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8 GCPD to BPA	19	19	19	19	23	23	34	34	34	32	32	32	32	32
9 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 KITT to BPA	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11 KOOT to BPA	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LVE to BPA	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14 MCMN to BPA	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15 MTFR to BPA	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16 NLEC to BPA	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 PGE to BPA	7.2	7.2	7.2	7.2	5.9	5.9	3.4	3.4	3.4	3.2	3.2	3.2	3.2	3.2
18 PPL to BPA	7.2	7.2	7.2	7.2	5.9	5.9	3.4	3.4	3.4	3.2	3.2	3.2	3.2	3.2
19 PSE to BPA	4.2	4.2	4.2	4.2	3.4	3.4	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
20 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCL to BPA	4.2	4.2	4.2	4.2	3.2	3.2	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7
22 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TPU to BPA	4.2	4.2	4.2	4.2	3.2	3.2	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7
24 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNKMKT to BPA	0	0	0	0	3.2	3.2	3.2	3.2	3.2	3	3	3	3	3
<b>26 Priest Rapids: Regional Totals</b>	<b>52</b>	<b>52</b>	<b>52</b>	<b>52</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>-Wanapum CER for Canada-</b>														
27 AVWP to BPA	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	3.9	3.9	3.9	3.9	3.9
28 COPD to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
29 CWPC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 EWEB to BPA	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
31 FGRV to BPA	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
32 FREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 GCPD to BPA	19	19	19	19	19	19	18	18	18	18	18	18	18	18
34 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 KITT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 KOOT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 LVE to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MCMN to BPA	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
40 MTFR to BPA	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
41 NLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 PGE to BPA	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.4	9.4	9.0	9.0	9.0	9.0	9.0
43 PPL to BPA	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.4	9.4	9.0	9.0	9.0	9.0	9.0
44 PSE to BPA	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.2	5.2	5.2	5.2	5.2
45 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TPU to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 UNKMKT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>51 Wanapum: Regional Totals</b>	<b>51</b>	<b>51</b>	<b>51</b>	<b>51</b>	<b>51</b>	<b>51</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>
<b>-Rock Island P.H. #1 CER for Canada-</b>														
52 CHPD to BPA	9.5	9.5	9.5	9.5	9.5	10	10	10	10	9	9	9	9	9
53 PSE to BPA	9.5	9.5	9.5	9.5	9.5	10	10	10	10	9	9	9	9	9
<b>54 Rock Island P.H. #1: Regional Totals</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>
<b>-Rock Island P.H. #2 CER for Canada-</b>														
55 CHPD to BPA	6	6	6	6	6	6	6	6	6	6	6	6	6	6
56 PSE to BPA	6	6	6	6	6	6	6	6	6	6	6	6	6	6
<b>57 Rock Island P.H. #2: Regional Totals</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Rocky Reach CER for Canada-</b>														
58 AVWP to BPA	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9
59 CHPD to BPA	10	10	10	10	10	10	10	10	10	9.8	9.8	9.8	9.8	9.8
60 CLKM to BPA	16	16	16	16	16	16	16	16	15	15	15	15	15	15
61 DOPD to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
62 PGE to BPA	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.1	7.9	7.9	7.9	7.9	7.9
63 PPL to BPA	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	3.4	3.4	3.4	3.4
64 PSE to BPA	26	26	26	26	26	26	26	26	26	25	25	25	25	25
<b>65 Rocky Reach: Regional Totals</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>67</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>
<b>-Wells CER for Canada-</b>														
66 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
67 COLV to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
68 DOPD to BPA	12	12	12	12	12	12	12	12	12	12	12	12	12	12
69 OKPD to BPA	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	3.1	3.1	3.1	3.1
70 PGE to BPA	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	7.9	7.9	7.9	7.9	7.9
71 PPL to BPA	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7
72 PSE to BPA	13	13	13	13	13	13	13	13	13	12	12	12	12	12
<b>73 Wells: Regional Totals</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>
<b>-Total CER For Canada-</b>														
74 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Public Entities	98	98	98	98	99	100	107	107	107	101	101	101	101	101
76 Investor-Owned Entities	132	132	132	132	128	128	120	120	120	115	115	115	115	115
77 Other Entities	16	16	16	16	19	19	19	19	19	18	18	18	18	18
78 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>79 Total CER For Canada</b>	<b>245</b>	<b>245</b>	<b>245</b>	<b>245</b>	<b>246</b>	<b>247</b>	<b>246</b>	<b>246</b>	<b>245</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>

Table A-15: Canadian Entitlement Return For Canada  
PNW Loads and Resource Study  
2006 - 2007 Operating Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-BPA Canada-</i>														
1 BPA: Regional Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Priest Rapids CER for Canada-</i>														
2 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
3 COPD to BPA	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
4 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5 EWEB to BPA	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
6 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8 GCPD to BPA	32	32	32	32	32	32	32	32	32	31	31	31	31	31
9 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15 MTRF to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 PGE to BPA	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
18 PPL to BPA	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
19 PSE to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
20 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCL to BPA	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
22 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TPU to BPA	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
24 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNKMKT to BPA	3	3	3	3	3	3	3	3	3	2.9	2.9	2.9	2.9	2.9
26 Priest Rapids: Regional Totals	50	50	50	50	50	50	50	50	50	49	49	49	49	49
<i>-Wanapum CER for Canada-</i>														
27 AVWP to BPA	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
28 COPD to BPA	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
29 CWPC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 EWEB to BPA	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
31 FGRV to BPA	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
32 FREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 GCPD to BPA	18	18	18	18	18	18	18	18	18	17	17	17	17	17
34 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 KITT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 KOOT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 LVE to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MCMN to BPA	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
40 MTRF to BPA	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 NLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 PGE to BPA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	8.8	8.8	8.8	8.8
43 PPL to BPA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	8.8	8.8	8.8	8.8
44 PSE to BPA	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1
45 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TPU to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 UNKMKT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wanapum: Regional Totals	48	48	48	48	48	48	48	48	48	47	47	47	47	47
<i>-Rock Island P.H. #1 CER for Canada-</i>														
52 CHPD to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
53 PSE to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
54 Rock Island P.H. #1: Regional Totals	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>-Rock Island P.H. #2 CER for Canada-</i>														
55 CHPD to BPA	6	6	6	6	6	6	6	6	6	5.5	5.5	5.5	5.5	5.5
56 PSE to BPA	6	6	6	6	6	6	6	6	6	5.5	5.5	5.5	5.5	5.5
57 Rock Island P.H. #2: Regional Totals	12	12	12	12	12	12	12	12	12	11	11	11	11	11

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Rocky Reach CER for Canada-</b>														
58 AVWP to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
59 CHPD to BPA	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.5	9.5	9.5	9.5	9.5
60 CLKM to BPA	15	15	15	15	15	15	15	15	15	14	14	14	14	14
61 DOPD to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7
62 PGE to BPA	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.6	7.6	7.6	7.6	7.6
63 PPL to BPA	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3
64 PSE to BPA	25	25	25	25	25	25	25	25	25	25	25	25	25	25
<b>65 Rocky Reach: Regional Totals</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>63</b>	<b>63</b>	<b>63</b>	<b>63</b>	<b>63</b>
<b>-Wells CER for Canada-</b>														
66 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
67 COLV to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
68 DOPD to BPA	12	12	12	12	12	12	12	12	12	11	11	11	11	11
69 OKPD to BPA	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
70 PGE to BPA	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.8
71 PPL to BPA	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6
72 PSE to BPA	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<b>73 Wells: Regional Totals</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-Total CER For Canada-</b>														
74 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Public Entities	101	101	101	101	101	101	101	101	101	99	99	99	99	99
76 Investor-Owned Entities	115	115	115	115	115	115	115	115	115	112	112	112	112	112
77 Other Entities	18	18	18	18	18	18	18	18	18	17	17	17	17	17
78 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>79 Total CER For Canada</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>



Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-BPA Canada-</b>														
1 BPA: Regional Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Priest Rapids CER for Canada-</b>														
2 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
3 COPD to BPA	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
4 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5 EWEB to BPA	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
6 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8 GCPD to BPA	31	31	31	31	31	31	31	31	31	30	30	30	30	30
9 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 PGE to BPA	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1
18 PPL to BPA	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1
19 PSE to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
20 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCL to BPA	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
22 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TPU to BPA	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
24 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNKMKT to BPA	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
26 Priest Rapids: Regional Totals	49	49	49	49	49	49	49	49	49	48	48	48	48	48
<b>-Wanapum CER for Canada-</b>														
27 AVWP to BPA	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8
28 COPD to BPA	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
29 CWPC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 EWEB to BPA	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
31 FGRV to BPA	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
32 FREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 GCPD to BPA	17	17	17	17	17	17	17	17	17	17	17	17	17	17
34 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 KITT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 KOOT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 LVE to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MCMN to BPA	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
40 MTFR to BPA	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 NLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 PGE to BPA	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.6	8.6	8.6	8.6
43 PPL to BPA	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.6	8.6	8.6	8.6
44 PSE to BPA	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0
45 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TPU to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 UNKMKT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Wanapum: Regional Totals	47	47	47	47	47	47	47	47	47	46	46	46	46	46
<b>-Rock Island P.H. #1 CER for Canada-</b>														
52 CHPD to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
53 PSE to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
54 Rock Island P.H. #1: Regional Totals	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<b>-Rock Island P.H. #2 CER for Canada-</b>														
55 CHPD to BPA	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
56 PSE to BPA	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
57 Rock Island P.H. #2: Regional Totals	11	11	11	11	11	11	11	11	11	11	11	11	11	11

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Rocky Reach CER for Canada-</b>														
58 AVWP to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
59 CHPD to BPA	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.4	9.4	9.4	9.4
60 CLKM to BPA	14	14	14	14	14	14	14	14	14	14	14	14	14	14
61 DOPD to BPA	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
62 PGE to BPA	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.5	7.5
63 PPL to BPA	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
64 PSE to BPA	25	25	25	25	25	25	25	25	25	24	24	24	24	24
<b>65 Rocky Reach: Regional Totals</b>	<b>63</b>	<b>63</b>	<b>63</b>	<b>63</b>	<b>63</b>	<b>63</b>	<b>63</b>	<b>63</b>	<b>63</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>
<b>-Wells CER for Canada-</b>														
66 AVWP to BPA	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
67 COLV to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
68 DOPD to BPA	11	11	11	11	11	11	11	11	11	11	11	11	11	11
69 OKPD to BPA	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
70 PGE to BPA	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
71 PPL to BPA	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
72 PSE to BPA	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<b>73 Wells: Regional Totals</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-Total CER For Canada-</b>														
74 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Public Entities	99	99	99	99	99	99	99	99	99	98	98	98	98	98
76 Investor-Owned Entities	112	112	112	112	112	112	112	112	112	110	110	110	110	110
77 Other Entities	17	17	17	17	17	17	17	17	17	17	17	17	17	17
78 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>79 Total CER For Canada</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>225</b>

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-BPA Canada-</i>														
<b>1 BPA: Regional Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Priest Rapids CER for Canada-</i>														
2 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
3 COPD to BPA	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
4 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5 EWEB to BPA	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
6 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8 GCPD to BPA	30	30	30	30	30	30	30	30	30	32	32	32	32	32
9 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 PGE to BPA	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.3	3.3	3.3	3.3	3.3
18 PPL to BPA	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.3	3.3	3.3	3.3	3.3
19 PSE to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
20 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCL to BPA	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
22 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TPU to BPA	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
24 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNKMKT to BPA	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.1	3.1	3.1	3.1	3.1
<b>26 Priest Rapids: Regional Totals</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>51</b>	<b>51</b>	<b>51</b>	<b>51</b>	<b>51</b>
<i>-Wanapum CER for Canada-</i>														
27 AVWP to BPA	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4	4	4	4	4
28 COPD to BPA	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
29 CWPC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 EWEB to BPA	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
31 FGRV to BPA	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
32 FREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 GCPD to BPA	17	17	17	17	17	17	17	17	17	18	18	18	18	18
34 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 KITT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 KOOT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 LVE to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MCMN to BPA	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
40 MTFR to BPA	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 NLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 PGE to BPA	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	9.2	9.2	9.2	9.2	9.2
43 PPL to BPA	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	9.2	9.2	9.2	9.2	9.2
44 PSE to BPA	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.3	5.3	5.3	5.3	5.3
45 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TPU to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 UNKMKT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>51 Wanapum: Regional Totals</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>
<i>-Rock Island P.H. #1 CER for Canada-</i>														
52 CHPD to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
53 PSE to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
<b>54 Rock Island P.H. #1: Regional Totals</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>
<i>-Rock Island P.H. #2 CER for Canada-</i>														
55 CHPD to BPA	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	6	6	6	6	6
56 PSE to BPA	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	6	6	6	6	6
<b>57 Rock Island P.H. #2: Regional Totals</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Rocky Reach CER for Canada-</b>														
58 AVWP to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
59 CHPD to BPA	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.8	9.8	9.8	9.8	9.8
60 CLKM to BPA	14	14	14	14	14	14	14	14	14	15	15	15	15	15
61 DOPD to BPA	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
62 PGE to BPA	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.9	7.9	7.9	7.9	7.9
63 PPL to BPA	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4
64 PSE to BPA	24	24	24	24	24	24	24	24	24	25	25	25	25	25
<b>65 Rocky Reach: Regional Totals</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>
<b>-Wells CER for Canada-</b>														
66 AVWP to BPA	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
67 COLV to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
68 DOPD to BPA	11	11	11	11	11	11	11	11	11	12	12	12	12	12
69 OKPD to BPA	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
70 PGE to BPA	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9
71 PPL to BPA	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7
72 PSE to BPA	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<b>73 Wells: Regional Totals</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>
<b>-Total CER For Canada-</b>														
74 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Public Entities	98	98	98	98	98	98	98	98	98	103	103	103	103	103
76 Investor-Owned Entities	110	110	110	110	110	110	110	110	110	115	115	115	115	115
77 Other Entities	17	17	17	17	17	17	17	17	17	18	18	18	18	18
78 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>79 Total CER For Canada</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>236</b>	<b>236</b>	<b>236</b>	<b>236</b>	<b>236</b>

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-BPA Canada-</b>														
1 BPA: Regional Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Priest Rapids CER for Canada-</b>														
2 AVWP to BPA	1.4	1.4	1.4	1.4	2.4	2.4	2.0	2.0	2.0	2	2	2	2	2
3 COPD to BPA	0.5	0.5	0.5	0.5	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
4 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5 EWEB to BPA	0.4	0.4	0.4	0.4	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
6 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8 GCPD to BPA	32	32	32	32	24	24	28	28	28	29	29	29	29	29
9 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 PGE to BPA	3.3	3.3	3.3	3.3	5.4	5.4	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6
18 PPL to BPA	3.3	3.3	3.3	3.3	5.4	5.4	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6
19 PSE to BPA	1.9	1.9	1.9	1.9	3.1	3.1	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7
20 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCL to BPA	1.8	1.8	1.8	1.8	3.0	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
22 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TPU to BPA	1.8	1.8	1.8	1.8	3.0	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
24 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNKMKT to BPA	3.1	3.1	3.1	3.1	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
26 Priest Rapids: Regional Totals	51	51	51	51	51	51	51	51	51	52	52	52	52	52
<b>-Wanapum CER for Canada-</b>														
27 AVWP to BPA	4	4	4	4	2.3	2.3	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
28 COPD to BPA	1.3	1.3	1.3	1.3	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
29 CWPC to BPA	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1
30 EWEB to BPA	1.1	1.1	1.1	1.1	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
31 FGRV to BPA	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 FREC to BPA	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
33 GCPD to BPA	18	18	18	18	24	24	27	27	27	28	28	28	28	28
34 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 KITT to BPA	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1
36 KOOT to BPA	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
37 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 LVE to BPA	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
39 MCMN to BPA	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
40 MTFR to BPA	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
41 NLEC to BPA	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
42 PGE to BPA	9.2	9.2	9.2	9.2	5.2	5.2	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5
43 PPL to BPA	9.2	9.2	9.2	9.2	5.2	5.2	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5
44 PSE to BPA	5.3	5.3	5.3	5.3	3.0	3.0	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6
45 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL to BPA	0	0	0	0	2.8	2.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
47 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TPU to BPA	0	0	0	0	2.8	2.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
49 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 UNKMKT to BPA	0	0	0	0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
51 Wanapum: Regional Totals	49	49	49	49	49	49	49	49	49	50	50	50	50	50
<b>-Rock Island P.H. #1 CER for Canada-</b>														
52 CHPD to BPA	9	9	9	9	9	9	9	9	9	9.5	9.5	9.5	9.5	9.5
53 PSE to BPA	9	9	9	9	9	9	9	9	9	9.5	9.5	9.5	9.5	9.5
54 Rock Island P.H. #1: Regional Totals	18	18	18	18	18	18	18	18	18	19	19	19	19	19
<b>-Rock Island P.H. #2 CER for Canada-</b>														
55 CHPD to BPA	6	6	6	6	6	6	6	6	6	6	6	6	6	6
56 PSE to BPA	6	6	6	6	6	6	6	6	6	6	6	6	6	6
57 Rock Island P.H. #2: Regional Totals	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Table A-15: Canadian Entitlement Return For Canada  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Rocky Reach CER for Canada-</b>														
58 AVWP to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
59 CHPD to BPA	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	10	10	10	10	10
60 CLKM to BPA	15	15	15	15	15	15	15	15	15	16	16	16	16	16
61 DOPD to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
62 PGE to BPA	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.2	8.2	8.2	8.2	8.2
63 PPL to BPA	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6
64 PSE to BPA	25	25	25	25	25	25	25	25	25	26	26	26	26	26
<b>65 Rocky Reach: Regional Totals</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>
<b>-Wells CER for Canada-</b>														
66 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
67 COLV to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
68 DOPD to BPA	12	12	12	12	12	12	12	12	12	12	12	12	12	12
69 OKPD to BPA	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.3	3.3	3.3	3.3	3.3
70 PGE to BPA	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.3	8.3	8.3	8.3	8.3
71 PPL to BPA	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8
72 PSE to BPA	12	12	12	12	12	12	12	12	12	13	13	13	13	13
<b>73 Wells: Regional Totals</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>
<b>-Total CER For Canada-</b>														
74 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Public Entities	103	103	103	103	108	108	113	113	113	117	117	117	117	117
76 Investor-Owned Entities	115	115	115	115	110	110	105	105	105	109	109	109	109	109
77 Other Entities	18	18	18	18	18	18	18	18	18	19	19	19	19	19
78 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>79 Total CER For Canada</b>	<b>236</b>	<b>236</b>	<b>236</b>	<b>236</b>	<b>236</b>	<b>236</b>	<b>236</b>	<b>236</b>	<b>236</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-BPA Canada-</i>														
1 BPA: Regional Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Priest Rapids CER for Canada-</i>														
2 AVWP to BPA	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3 COPD to BPA	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
4 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5 EWEB to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
6 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8 GCPD to BPA	29	29	29	29	29	29	29	29	29	29	29	29	29	29
9 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 PGE to BPA	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
18 PPL to BPA	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
19 PSE to BPA	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
20 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCL to BPA	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
22 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TPU to BPA	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
24 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNKMKT to BPA	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
26 Priest Rapids: Regional Totals	52	52	52	52	52	52	52	52	52	52	52	52	52	52
<i>-Wanapum CER for Canada-</i>														
27 AVWP to BPA	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
28 COPD to BPA	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
29 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30 EWEB to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
31 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
33 GCPD to BPA	28	28	28	28	28	28	28	28	28	28	28	28	28	28
34 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
36 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
37 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
39 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
40 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
41 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
42 PGE to BPA	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
43 PPL to BPA	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
44 PSE to BPA	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
45 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL to BPA	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
47 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TPU to BPA	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
49 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 UNKMKT to BPA	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
51 Wanapum: Regional Totals	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<i>-Rock Island P.H. #1 CER for Canada-</i>														
52 CHPD to BPA	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9	9	9	9	9
53 PSE to BPA	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9	9	9	9	9
54 Rock Island P.H. #1: Regional Totals	19	19	19	19	19	19	19	19	19	18	18	18	18	18
<i>-Rock Island P.H. #2 CER for Canada-</i>														
55 CHPD to BPA	6	6	6	6	6	6	6	6	6	6	6	6	6	6
56 PSE to BPA	6	6	6	6	6	6	6	6	6	6	6	6	6	6
57 Rock Island P.H. #2: Regional Totals	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
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 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Rocky Reach CER for Canada-</b>														
58 AVWP to BPA	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
59 CHPD to BPA	10	10	10	10	10	10	10	10	10	10	10	10	10	10
60 CLKM to BPA	16	16	16	16	16	16	16	16	16	15	15	15	15	15
61 DOPD to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
62 PGE to BPA	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.1	8.1	8.1	8.1	8.1
63 PPL to BPA	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
64 PSE to BPA	26	26	26	26	26	26	26	26	26	26	26	26	26	26
<b>65 Rocky Reach: Regional Totals</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>67</b>
<b>-Wells CER for Canada-</b>														
66 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
67 COLV to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
68 DOPD to BPA	12	12	12	12	12	12	12	12	12	12	12	12	12	12
69 OKPD to BPA	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70 PGE to BPA	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
71 PPL to BPA	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72 PSE to BPA	13	13	13	13	13	13	13	13	13	13	13	13	13	13
<b>73 Wells: Regional Totals</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>
<b>-Total CER For Canada-</b>														
74 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Public Entities	117	117	117	117	117	117	117	117	117	116	116	116	116	116
76 Investor-Owned Entities	109	109	109	109	108	108	108	108	108	107	107	107	107	107
77 Other Entities	19	19	19	19	19	19	19	19	19	18	18	18	18	18
78 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>79 Total CER For Canada</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>242</b>	<b>242</b>	<b>242</b>	<b>242</b>	<b>242</b>



Table A-15: Canadian Entitlement Return For Canada  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-BPA Canada-</b>														
<b>1 BPA: Regional Totals</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Priest Rapids CER for Canada-</b>														
2 AVWP to BPA	2	2	2	2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
3 COPD to BPA	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
4 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5 EWEB to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
6 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8 GCPD to BPA	29	29	29	29	29	29	29	29	29	29	29	29	29	29
9 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 PGE to BPA	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4
18 PPL to BPA	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4
19 PSE to BPA	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
20 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCL to BPA	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4
22 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TPU to BPA	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4
24 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNKMKT to BPA	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5
<b>26 Priest Rapids: Regional Totals</b>	52	52	52	52	52	52	52	52	52	51	51	51	51	51
<b>-Wanapum CER for Canada-</b>														
27 AVWP to BPA	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
28 COPD to BPA	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
29 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0
30 EWEB to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
31 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
33 GCPD to BPA	28	28	28	28	28	28	28	28	28	28	28	28	28	28
34 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
36 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
37 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
39 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
40 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
41 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
42 PGE to BPA	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3
43 PPL to BPA	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3
44 PSE to BPA	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
45 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL to BPA	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
47 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TPU to BPA	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
49 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 UNKMKT to BPA	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>51 Wanapum: Regional Totals</b>	50	50	50	50	50	50	50	50	50	49	49	49	49	49
<b>-Rock Island P.H. #1 CER for Canada-</b>														
52 CHPD to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
53 PSE to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
<b>54 Rock Island P.H. #1: Regional Totals</b>	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<b>-Rock Island P.H. #2 CER for Canada-</b>														
55 CHPD to BPA	6	6	6	6	6	6	6	6	6	6	6	6	6	6
56 PSE to BPA	6	6	6	6	6	6	6	6	6	6	6	6	6	6
<b>57 Rock Island P.H. #2: Regional Totals</b>	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Table A-15: Canadian Entitlement Return For Canada  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Rocky Reach CER for Canada-</b>														
58 AVWP to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
59 CHPD to BPA	10	10	10	10	10	10	10	10	10	10.0	10.0	10.0	10.0	10.0
60 CLKM to BPA	15	15	15	15	15	15	15	15	15	15	15	15	15	15
61 DOPD to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
62 PGE to BPA	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.0	8.0	8.0
63 PPL to BPA	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5
64 PSE to BPA	26	26	26	26	26	26	26	26	26	26	26	26	26	26
<b>65 Rocky Reach: Regional Totals</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>
<b>-Wells CER for Canada-</b>														
66 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
67 COLV to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
68 DOPD to BPA	12	12	12	12	12	12	12	12	12	12	12	12	12	12
69 OKPD to BPA	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2
70 PGE to BPA	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.1	8.1	8.1
71 PPL to BPA	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72 PSE to BPA	13	13	13	13	13	13	13	13	13	13	13	13	13	13
<b>73 Wells: Regional Totals</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>
<b>-Total CER For Canada-</b>														
74 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Public Entities	116	116	116	116	117	117	117	117	117	115	115	115	115	115
76 Investor-Owned Entities	107	107	107	107	107	107	107	107	107	105	105	105	105	105
77 Other Entities	18	18	18	18	18	18	18	18	18	18	18	18	18	18
78 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>79 Total CER For Canada</b>	<b>242</b>	<b>242</b>	<b>242</b>	<b>242</b>	<b>242</b>	<b>242</b>	<b>242</b>	<b>242</b>	<b>242</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-BPA Canada-</b>														
1 BPA: Regional Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Priest Rapids CER for Canada-</b>														
2 AVWP to BPA	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
3 COPD to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
4 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5 EWEB to BPA	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8 GCPD to BPA	29	29	29	29	29	29	29	29	29	29	29	29	29	29
9 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15 MTRF to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 PGE to BPA	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3
18 PPL to BPA	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3
19 PSE to BPA	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
20 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCL to BPA	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
22 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TPU to BPA	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
24 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNKMKT to BPA	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
26 Priest Rapids: Regional Totals	51	51	51	51	51	51	51	51	51	50	50	50	50	50
<b>-Wanapum CER for Canada-</b>														
27 AVWP to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
28 COPD to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
29 CWPC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 EWEB to BPA	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
33 GCPD to BPA	28	28	28	28	28	28	28	28	28	27	27	27	27	27
34 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 KITT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
37 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
39 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
40 MTRF to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
41 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
42 PGE to BPA	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1
43 PPL to BPA	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1
44 PSE to BPA	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
45 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL to BPA	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2
47 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TPU to BPA	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2
49 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 UNKMKT to BPA	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
51 Wanapum: Regional Totals	49	49	49	49	49	49	49	49	49	48	48	48	48	48
<b>-Rock Island P.H. #1 CER for Canada-</b>														
52 CHPD to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
53 PSE to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
54 Rock Island P.H. #1: Regional Totals	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<b>-Rock Island P.H. #2 CER for Canada-</b>														
55 CHPD to BPA	6	6	6	6	6	6	6	6	6	5.5	5.5	5.5	5.5	5.5
56 PSE to BPA	6	6	6	6	6	6	6	6	6	5.5	5.5	5.5	5.5	5.5
57 Rock Island P.H. #2: Regional Totals	12	12	12	12	12	12	12	12	12	11	11	11	11	11

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Rocky Reach CER for Canada-</b>														
58 AVWP to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
59 CHPD to BPA	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.8	9.8	9.8	9.8	9.8
60 CLKM to BPA	15	15	15	15	15	15	15	15	15	15	15	15	15	15
61 DOPD to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
62 PGE to BPA	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.9	7.9
63 PPL to BPA	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4
64 PSE to BPA	26	26	26	26	26	26	26	26	26	25	25	25	25	25
<b>65 Rocky Reach: Regional Totals</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>
<b>-Wells CER for Canada-</b>														
66 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
67 COLV to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
68 DOPD to BPA	12	12	12	12	12	12	12	12	12	12	12	12	12	12
69 OKPD to BPA	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
70 PGE to BPA	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
71 PPL to BPA	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72 PSE to BPA	13	13	13	13	13	13	13	13	13	13	13	13	13	13
<b>73 Wells: Regional Totals</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>
<b>-Total CER For Canada-</b>														
74 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Public Entities	115	115	115	115	115	115	115	115	115	113	113	113	113	113
76 Investor-Owned Entities	105	105	105	105	105	105	105	105	105	103	103	103	103	103
77 Other Entities	18	18	18	18	18	18	18	18	18	18	18	18	18	18
78 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>79 Total CER For Canada</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-BPA Canada-</b>														
1 BPA: Regional Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Priest Rapids CER for Canada-</b>														
2 AVWP to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
3 COPD to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
4 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5 EWEB to BPA	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8 GCPD to BPA	29	29	29	29	29	29	29	29	29	29	29	29	29	29
9 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 PGE to BPA	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
18 PPL to BPA	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
19 PSE to BPA	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
20 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCL to BPA	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
22 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TPU to BPA	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
24 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNKMKT to BPA	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
26 Priest Rapids: Regional Totals	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>-Wanapum CER for Canada-</b>														
27 AVWP to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
28 COPD to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
29 CWPC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 EWEB to BPA	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
33 GCPD to BPA	27	27	27	27	28	28	28	28	28	28	28	28	28	28
34 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 KITT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
37 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
39 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
40 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
41 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
42 PGE to BPA	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
43 PPL to BPA	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
44 PSE to BPA	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
45 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL to BPA	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
47 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TPU to BPA	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
49 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 UNKMKT to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
51 Wanapum: Regional Totals	48	48	48	48	48	48	48	48	48	48	48	48	48	48
<b>-Rock Island P.H. #1 CER for Canada-</b>														
52 CHPD to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
53 PSE to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
54 Rock Island P.H. #1: Regional Totals	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<b>-Rock Island P.H. #2 CER for Canada-</b>														
55 CHPD to BPA	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
56 PSE to BPA	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
57 Rock Island P.H. #2: Regional Totals	11	11	11	11	11	11	11	11	11	11	11	11	11	11

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Rocky Reach CER for Canada-</b>														
58 AVWP to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
59 CHPD to BPA	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
60 CLKM to BPA	15	15	15	15	15	15	15	15	15	15	15	15	15	15
61 DOPD to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
62 PGE to BPA	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
63 PPL to BPA	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
64 PSE to BPA	25	25	25	25	25	25	25	25	25	25	25	25	25	25
<b>65 Rocky Reach: Regional Totals</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>
<b>-Wells CER for Canada-</b>														
66 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
67 COLV to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
68 DOPD to BPA	12	12	12	12	12	12	12	12	12	12	12	12	12	12
69 OKPD to BPA	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1
70 PGE to BPA	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.9	7.9	7.9	7.9	7.9
71 PPL to BPA	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7
72 PSE to BPA	13	13	13	13	13	13	13	13	13	12	12	12	12	12
<b>73 Wells: Regional Totals</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>
<b>-Total CER For Canada-</b>														
74 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Public Entities	113	113	113	113	113	113	113	113	113	113	113	113	113	113
76 Investor-Owned Entities	103	103	103	103	103	103	103	103	103	102	102	102	102	102
77 Other Entities	18	18	18	18	18	18	18	18	18	18	18	18	18	18
78 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>79 Total CER For Canada</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>234</b>	<b>233</b>	<b>233</b>	<b>233</b>	<b>233</b>	<b>233</b>

Table A-15: Canadian Entitlement Return For Canada  
PNW Loads and Resource Study  
2014 - 2015 Operating Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-BPA Canada-</i>														
1 BPA: Regional Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>-Priest Rapids CER for Canada-</i>														
2 AVWP to BPA	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
3 COPD to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
4 CWPC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5 EWEB to BPA	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8 GCPD to BPA	29	29	29	29	29	29	29	29	29	29	29	29	29	29
9 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 PGE to BPA	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
18 PPL to BPA	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
19 PSE to BPA	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
20 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCL to BPA	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
22 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TPU to BPA	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
24 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNKMKT to BPA	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
26 Priest Rapids: Regional Totals	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<i>-Wanapum CER for Canada-</i>														
27 AVWP to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7
28 COPD to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
29 CWPC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 EWEB to BPA	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 FREC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
33 GCPD to BPA	28	28	28	28	28	28	28	28	28	27	27	27	27	27
34 ICLP to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 KITT to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 KOOT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
37 LREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 LVE to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
39 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
40 MTFR to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
41 NLEC to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
42 PGE to BPA	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9
43 PPL to BPA	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9
44 PSE to BPA	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
45 RREC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL to BPA	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1
47 SLEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TPU to BPA	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1
49 UNEC to BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 UNKMKT to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
51 Wanapum: Regional Totals	48	48	48	48	48	48	48	48	48	47	47	47	47	47
<i>-Rock Island P.H. #1 CER for Canada-</i>														
52 CHPD to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
53 PSE to BPA	9	9	9	9	9	9	9	9	9	9	9	9	9	9
54 Rock Island P.H. #1: Regional Totals	18	18	18	18	18	18	18	18	18	18	18	18	18	18
<i>-Rock Island P.H. #2 CER for Canada-</i>														
55 CHPD to BPA	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
56 PSE to BPA	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
57 Rock Island P.H. #2: Regional Totals	11	11	11	11	11	11	11	11	11	11	11	11	11	11

Table A-15: Canadian Entitlement Return For Canada  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Rocky Reach CER for Canada-</b>														
58 AVWP to BPA	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
59 CHPD to BPA	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
60 CLKM to BPA	15	15	15	15	15	15	15	15	15	15	15	15	15	15
61 DOPD to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
62 PGE to BPA	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
63 PPL to BPA	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
64 PSE to BPA	25	25	25	25	25	25	25	25	25	25	25	25	25	25
<b>65 Rocky Reach: Regional Totals</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>
<b>-Wells CER for Canada-</b>														
66 AVWP to BPA	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
67 COLV to BPA	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
68 DOPD to BPA	12	12	12	12	12	12	12	12	12	11	11	11	11	11
69 OKPD to BPA	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
70 PGE to BPA	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.8
71 PPL to BPA	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6
72 PSE to BPA	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<b>73 Wells: Regional Totals</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-Total CER For Canada-</b>														
74 Federal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Public Entities	113	113	113	113	113	113	113	113	113	112	112	112	112	112
76 Investor-Owned Entities	102	102	102	102	102	102	102	102	102	101	101	101	101	101
77 Other Entities	18	18	18	18	18	18	18	18	18	18	18	18	18	18
78 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>79 Total CER For Canada</b>	<b>233</b>	<b>233</b>	<b>233</b>	<b>233</b>	<b>233</b>	<b>233</b>	<b>233</b>	<b>233</b>	<b>233</b>	<b>231</b>	<b>231</b>	<b>231</b>	<b>231</b>	<b>231</b>



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Table A-16  
Intra-Regional Transfers  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Intra-Regional Transfers-</i>														
1 AVWP To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE CapS	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To EWEB PwrS	1	1	1	2	3	3	3	3	2	2	2	2	1	1
5 BPA To Other Entities	1154	1154	179	54	54	54	54	54	54	4	4	4	4	54
6 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA To PPL CapS	575	575	575	575	575	575	575	575	575	575	575	575	575	575
8 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	35	34
9 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
10 BPA To PSE WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
11 BPA To PSE PwrS	0	0	0	0	7	7	7	7	0	0	0	0	0	0
12 CHPD To PGE C/N/X	50	50	50	50	0	0	0	0	0	0	0	0	50	50
13 CIDF To UPL PwrS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
14 DOPD To Other Entities	50	50	50	20	20	20	20	20	20	0	0	0	0	0
15 ENW To BCPD PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 ENW To BCPD PwrS	3	3	2	0	0	0	0	0	0	0	0	0	0	0
17 ENW To FCPD PwrS	2	2	4	0	0	0	0	0	0	0	0	0	0	0
18 FPLEV To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 GCPD To AVWP PwrS	0	0	0	0	15	15	15	15	14	23	23	29	30	26
20 GCPD To COPD PwrS	0	0	0	0	5	5	5	5	5	8	8	10	10	9
21 GCPD To EWEB PwrS	0	0	0	0	4	4	4	4	4	7	7	8	8	7
22 GCPD To FGRV PwrS	0	0	0	0	1	1	1	1	1	2	2	2	3	2
23 GCPD To FREC PwrS	0	0	0	0	0	0	0	0	0	1	1	1	1	1
24 GCPD To KITT PwrS	0	0	0	0	1	1	1	1	1	1	1	2	2	1
25 GCPD To KOOT PwrS	0	0	0	0	1	1	1	1	1	1	1	1	1	1
26 GCPD To LVE PwrS	0	0	0	0	1	1	1	1	1	1	1	1	1	1
27 GCPD To LVE PwrS	0	0	0	0	1	1	1	1	1	1	1	1	1	1
28 GCPD To MCMN PwrS	0	0	0	0	1	1	1	1	1	2	2	2	3	2
29 GCPD To MTRF PwrS	0	0	0	0	1	1	1	1	1	2	2	2	3	2
30 GCPD To PGE PwrS	0	0	0	0	33	33	33	33	33	53	53	67	68	59
31 GCPD To PPL PwrS	0	0	0	0	40	40	40	40	39	64	64	81	82	71
32 GCPD To PPL PwrS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
33 GCPD To PSE PwrS	0	0	0	0	19	19	19	19	19	31	31	39	39	34
34 GCPD To TPU PwrS	0	0	0	0	15	15	15	15	15	24	24	31	31	27
35 NWCP To PSE PwrS	4	4	4	4	4	4	4	4	4	4	4	4	4	4
36 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
37 NWE To PSE PwrS	97	97	97	97	97	97	97	97	97	97	97	97	0	97
38 Other Entities To AVWP	135	135	135	135	135	135	135	135	135	135	135	135	135	135
39 Other Entities To BPA	1203	1203	1203	1203	1203	1203	803	803	803	553	553	553	553	803
40 Other Entities To DOPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Other Entities To GHPD	15	15	15	15	15	15	15	15	15	15	15	15	15	15
42 Other Entities To PGE	25	25	25	175	325	675	675	675	525	525	525	225	225	275
43 Other Entities To PPL	400	400	400	400	400	400	400	400	400	400	400	400	400	400
44 Other Entities To SCL	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45 PGE To AVWP PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 PGE To CHPD PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 PGE To CHPD XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 PGE To PPL Cove Repl	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49 PKE To SCL PwrS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0
51 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 PPL To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 PPL To FLHD PwrS	16	16	16	16	16	16	16	16	16	16	16	16	16	16
54 PPL To SCL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
55 PPL To SUB PwrS	50	50	45	45	50	50	45	40	40	40	40	35	35	35
56 PSE To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>57 SCL To POPD PwrS</i>	48	48	48	48	48	48	48	48	48	48	48	48	48	48
<i>58 SCL To PPL PwrS</i>	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<i>59 SHPD To PSE PwrS</i>	11	11	11	13	16	22	21	18	16	14	14	12	11	11
<i>60 TAUC To AVWP PwrS</i>	201	201	201	201	201	201	201	201	201	201	201	100	201	201
<i>61 TPU To BPA PwrX</i>	35	35	35	0	0	0	35	35	35	35	35	35	35	35
<i>62 WSPE To PGE PwrS</i>	136	136	136	136	136	136	136	136	136	136	136	136	136	136
<b>63 Total Contracts</b>	<b>4681</b>	<b>4681</b>	<b>3734</b>	<b>3757</b>	<b>4224</b>	<b>4612</b>	<b>4214</b>	<b>4162</b>	<b>3890</b>	<b>3630</b>	<b>3630</b>	<b>3107</b>	<b>3238</b>	<b>3661</b>
<b>-Total Contracts Out-</b>														
<i>64 Federal System</i>	1743	1743	797	739	964	1018	992	948	830	753	753	581	633	697
<i>65 Public Entities</i>	268	268	249	180	271	277	311	308	304	367	367	421	497	459
<i>66 Investor-Owned Entities</i>	1149	1149	1167	1167	1169	1145	1140	1135	1135	1139	1139	1034	1037	1134
<i>67 Other Entities</i>	1521	1521	1521	1671	1821	2171	1771	1771	1621	1371	1371	1071	1071	1371
<b>68 Total Contracts Out</b>	<b>4681</b>	<b>4681</b>	<b>3734</b>	<b>3757</b>	<b>4224</b>	<b>4612</b>	<b>4214</b>	<b>4162</b>	<b>3890</b>	<b>3630</b>	<b>3630</b>	<b>3107</b>	<b>3238</b>	<b>3661</b>
<b>-Total Contracts In-</b>														
<i>69 Federal System</i>	1249	1249	1272	1237	1234	1210	845	845	845	599	599	599	599	849
<i>70 Public Entities</i>	366	366	362	357	394	394	389	384	383	402	402	408	410	400
<i>71 Investor-Owned Entities</i>	1941	1941	1900	2093	2527	2937	2910	2863	2592	2628	2628	2099	2229	2362
<i>72 Other Entities</i>	1125	1125	200	70	70	70	70	70	70	0	0	0	0	50
<b>73 Total Contracts In</b>	<b>4681</b>	<b>4681</b>	<b>3734</b>	<b>3757</b>	<b>4224</b>	<b>4612</b>	<b>4214</b>	<b>4162</b>	<b>3890</b>	<b>3630</b>	<b>3630</b>	<b>3107</b>	<b>3238</b>	<b>3661</b>

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
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12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Intra-Regional Transfers-</i>														
1 AVWP To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE CapS	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To EWEB PwrS	1	1	1	0	0	0	0	0	0	0	0	0	0	0
5 BPA To Other Entities	54	54	54	0	0	0	0	0	0	0	0	0	0	0
6 BPA To PPL CapS	575	575	575	575	575	575	575	575	575	575	575	575	575	575
7 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	35	34
8 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
10 BPA To PSE WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
11 BPA To PSE PwrS	0	0	0	0	7	7	7	7	0	0	0	0	0	0
12 CHPD To PGE C/N/X	50	50	50	50	0	0	0	0	0	0	0	0	50	50
13 CIDF To UPL PwrS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
14 DOPD To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 ENW To BCPD PwrS	1	1	1	0	0	0	0	0	0	0	0	0	0	0
16 FPLEV To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 GCPD To AVWP PwrS	18	18	16	19	19	19	17	18	18	26	26	32	32	28
18 GCPD To COPD PwrS	6	6	6	6	6	6	6	6	6	9	9	10	10	9
19 GCPD To EWEB PwrS	5	5	5	5	5	5	5	5	5	7	7	9	9	8
20 GCPD To FGRV PwrS	2	2	1	2	2	2	1	1	2	2	2	3	3	2
21 GCPD To FREC PwrS	0	0	0	0	1	1	0	0	0	1	1	1	1	1
22 GCPD To KITT PwrS	1	1	1	1	1	1	1	1	1	1	1	2	2	1
23 GCPD To KOOT PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24 GCPD To LVE PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25 GCPD To LVE PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26 GCPD To MCMN PwrS	2	2	1	2	2	2	1	1	2	2	2	3	3	2
27 GCPD To MTRF PwrS	2	2	1	2	2	2	1	1	2	2	2	3	3	2
28 GCPD To PGE PwrS	41	41	37	43	44	44	40	40	40	60	60	73	72	63
29 GCPD To PPL PwrS	49	49	45	52	53	53	48	49	49	72	72	88	87	76
30 GCPD To PPL PwrS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
31 GCPD To PSE PwrS	23	23	21	25	25	25	23	23	23	34	34	42	42	36
32 GCPD To TPU PwrS	19	19	17	20	20	20	18	18	18	27	27	33	33	29
33 NWCP To PSE PwrS	4	4	4	4	4	4	4	4	4	4	4	4	4	4
34 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
35 NWE To PSE PwrS	97	97	97	97	97	97	97	97	97	97	97	97	0	97
36 Other Entities To AVWP	135	135	135	135	135	135	135	135	135	135	135	135	135	135
37 Other Entities To BPA	803	803	803	375	375	375	0	0	0	0	0	0	0	0
38 Other Entities To DOPD	14	14	14	22	39	39	39	39	22	14	14	14	14	14
39 Other Entities To GHPD	15	15	15	0	0	0	0	0	0	0	0	0	0	0
40 Other Entities To PGE	275	275	275	350	650	800	800	800	650	650	650	350	350	400
41 Other Entities To PPL	400	400	400	400	400	400	400	400	400	400	400	400	400	0
42 PGE To AVWP PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 PGE To CHPD PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 PGE To CHPD XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 PGE To PPL Cove Repl	1	1	1	1	1	1	1	1	1	1	1	1	1	1
46 PKE To SCL PwrS	100	100	100	100	100	100	0	0	0	0	0	0	0	0
47 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 PPL To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0
50 PPL To FLHD PwrS	16	16	16	0	0	0	0	0	0	0	0	0	0	0
51 PPL To SCL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
52 PPL To SUB PwrS	50	50	45	45	50	50	45	40	40	40	40	35	35	35
53 PSE To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 SCL To POPD PwrS	48	48	48	48	48	48	48	48	48	48	48	48	48	48
55 SCL To PPL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
56 SHPD To PSE PwrS	11	11	11	13	16	22	21	18	16	14	14	12	11	11

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
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 [27] 2004 White Book

Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>57 TAUC To AVWP PwrS</i>	201	201	201	201	201	201	201	201	201	201	201	201	100	201
<i>58 TPU To BPA PwrX</i>	35	35	35	0	0	0	0	0	0	0	0	0	0	0
<i>59 WSPE To PGE PwrS</i>	136	136	136	136	136	136	136	136	136	136	136	136	136	136
<b>60 Total Contracts</b>	<b>3461</b>	<b>3461</b>	<b>3471</b>	<b>3098</b>	<b>3596</b>	<b>3784</b>	<b>3257</b>	<b>3207</b>	<b>2924</b>	<b>2968</b>	<b>2968</b>	<b>2545</b>	<b>2468</b>	<b>2291</b>
<b>-Total Contracts Out-</b>														
<i>61 Federal System</i>	643	643	672	683	907	961	935	891	774	747	747	575	628	642
<i>62 Public Entities</i>	384	384	347	339	295	301	281	280	281	356	356	410	478	439
<i>63 Investor-Owned Entities</i>	1149	1149	1167	1058	1060	1036	1031	1026	1026	1030	1030	1025	828	625
<i>64 Other Entities</i>	1285	1285	1285	1018	1335	1485	1010	1010	843	835	835	535	535	585
<b>65 Total Contracts Out</b>	<b>3461</b>	<b>3461</b>	<b>3471</b>	<b>3098</b>	<b>3596</b>	<b>3784</b>	<b>3257</b>	<b>3207</b>	<b>2924</b>	<b>2968</b>	<b>2968</b>	<b>2545</b>	<b>2468</b>	<b>2291</b>
<b>-Total Contracts In-</b>														
<i>66 Federal System</i>	849	849	872	409	406	382	7.5	7.5	7.5	11	11	11	11	11
<i>67 Public Entities</i>	315	315	305	286	309	309	198	193	179	186	186	194	194	184
<i>68 Investor-Owned Entities</i>	2247	2247	2244	2403	2882	3092	3052	3007	2738	2770	2770	2340	2263	2096
<i>69 Other Entities</i>	50	50	50	0	0	0	0	0	0	0	0	0	0	0
<b>70 Total Contracts In</b>	<b>3461</b>	<b>3461</b>	<b>3471</b>	<b>3098</b>	<b>3596</b>	<b>3784</b>	<b>3257</b>	<b>3207</b>	<b>2924</b>	<b>2968</b>	<b>2968</b>	<b>2545</b>	<b>2468</b>	<b>2291</b>

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
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 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Intra-Regional Transfers-</i>														
1 AVWP To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE CapS	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
5 BPA To PPL CapS	575	575	575	575	575	575	575	575	575	575	575	575	575	575
6 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	35	34
7 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA To PSE WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
9 BPA To PSE PwrS	0	0	0	0	7	7	7	7	0	0	0	0	0	0
10 CHPD To PGE C/N/X	50	50	50	50	0	0	0	0	0	0	0	0	50	50
11 CIDF To UPL PwrS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
12 DOPD To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 FPLEV To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 GCPD To AVWP PwrS	20	20	19	19	19	19	17	18	18	26	26	32	32	28
15 GCPD To COPD PwrS	6	6	6	6	6	6	6	6	6	9	9	10	10	9
16 GCPD To EWEB PwrS	6	6	5	5	5	5	5	5	5	7	7	9	9	8
17 GCPD To FGRV PwrS	2	2	2	2	2	1	1	1	2	2	2	3	3	2
18 GCPD To FREC PwrS	1	1	1	0	1	1	0	0	0	1	1	1	1	1
19 GCPD To KITT PwrS	1	1	1	1	1	1	1	1	1	1	1	2	2	1
20 GCPD To KOOT PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21 GCPD To LVE PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 GCPD To LVE PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23 GCPD To MCMN PwrS	2	2	2	2	2	1	1	1	2	2	2	3	3	2
24 GCPD To MTFR PwrS	2	2	2	2	2	1	1	1	2	2	2	3	3	2
25 GCPD To PGE PwrS	45	45	43	43	44	44	40	40	40	60	60	73	72	63
26 GCPD To PPL PwrS	54	52	52	53	53	53	48	49	49	72	72	88	87	76
27 GCPD To PPL PwrS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
28 GCPD To PSE PwrS	26	26	25	25	25	25	23	23	23	34	34	42	42	36
29 GCPD To TPU PwrS	21	21	20	20	20	20	18	18	18	27	27	33	33	29
30 NWCP To PSE PwrS	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
32 NWE To PSE PwrS	97	97	97	97	97	97	97	97	97	97	97	97	0	97
33 Other Entities To AVWP	135	135	135	135	135	135	135	135	135	135	135	135	135	135
34 Other Entities To DOPD	16	16	16	24	42	42	42	42	24	16	16	16	16	16
35 Other Entities To PGE	400	400	400	350	650	750	750	750	650	650	650	350	350	350
36 PGE To AVWP PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 PGE To CHPD PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 PGE To CHPD XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PGE To PPL Cove Repl	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 PPL To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0
43 PPL To SCL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
44 PPL To SUB PwrS	50	50	45	45	50	50	45	40	40	40	40	35	35	35
45 PSE To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL To POPD PwrS	48	48	48	48	48	48	48	48	48	48	48	48	48	48
47 SCL To PPL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
48 SHPD To PSE PwrS	11	11	11	13	16	22	21	18	16	14	14	12	11	11
49 TAUC To AVWP PwrS	201	201	201	201	201	201	201	201	201	201	201	100	201	201
50 WSPE To PGE PwrS	136	136	136	136	136	136	136	136	136	136	136	136	136	136
<b>51 Total Contracts</b>	<b>2181</b>	<b>2179</b>	<b>2200</b>	<b>2226</b>	<b>2724</b>	<b>2859</b>	<b>2810</b>	<b>2760</b>	<b>2526</b>	<b>2570</b>	<b>2570</b>	<b>2047</b>	<b>2171</b>	<b>2243</b>
<i>-Total Contracts Out-</i>														
52 Federal System	588	588	617	683	907	961	935	891	774	747	747	575	628	642
53 Public Entities	366	364	338	340	295	298	281	280	281	356	356	410	478	439

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>54 Investor-Owned Entities</i>	640	640	658	658	660	636	631	626	626	630	630	525	528	625
<i>55 Other Entities</i>	587	587	587	545	863	963	963	963	845	837	837	537	537	537
<b>56 Total Contracts Out</b>	<b>2181</b>	<b>2179</b>	<b>2200</b>	<b>2226</b>	<b>2724</b>	<b>2859</b>	<b>2810</b>	<b>2760</b>	<b>2526</b>	<b>2570</b>	<b>2570</b>	<b>2047</b>	<b>2171</b>	<b>2243</b>
<b>-Total Contracts In-</b>														
<i>57 Federal System</i>	11	11	34	34	31	7.5	7.5	7.5	7.5	11	11	11	11	11
<i>58 Public Entities</i>	188	188	181	188	212	209	201	196	181	188	188	196	196	186
<i>59 Investor-Owned Entities</i>	1982	1980	1985	2004	2482	2642	2602	2557	2338	2370	2370	1839	1964	2046
<i>60 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>61 Total Contracts In</b>	<b>2181</b>	<b>2179</b>	<b>2200</b>	<b>2226</b>	<b>2724</b>	<b>2859</b>	<b>2810</b>	<b>2760</b>	<b>2526</b>	<b>2570</b>	<b>2570</b>	<b>2047</b>	<b>2171</b>	<b>2243</b>



Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
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 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Intra-Regional Transfers-</i>														
1 AVWP To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE CapS	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
5 BPA To PPL CapS	575	575	575	575	575	575	575	575	575	575	575	575	575	575
6 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	35	34
7 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA To PSE WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
9 BPA To PSE PwrS	0	0	0	0	7	7	7	7	0	0	0	0	0	0
10 CHPD To PGE C/N/X	50	50	50	50	0	0	0	0	0	0	0	0	50	50
11 CIDF To UPL PwrS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
12 DOPD To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 FPLEV To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 GCPD To AVWP PwrS	20	20	19	19	19	19	17	18	18	26	26	32	32	28
15 GCPD To COPD PwrS	6	6	6	6	6	6	6	6	6	9	9	10	10	9
16 GCPD To EWEB PwrS	6	6	5	5	5	5	5	5	5	7	7	9	9	8
17 GCPD To FGRV PwrS	2	2	2	2	2	2	1	1	2	2	2	3	3	2
18 GCPD To FREC PwrS	1	1	1	0	1	1	0	0	0	1	1	1	1	1
19 GCPD To KITT PwrS	1	1	1	1	1	1	1	1	1	1	1	2	2	1
20 GCPD To KOOT PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21 GCPD To LVE PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 GCPD To LVE PwrS	1	1	1	0	0	0	0	0	0	0	0	0	0	0
23 GCPD To MCMN PwrS	2	2	2	2	2	2	1	1	2	2	2	3	3	2
24 GCPD To MTFR PwrS	2	2	2	2	2	2	1	1	2	2	2	3	3	2
25 GCPD To PGE PwrS	45	45	43	43	44	44	40	40	40	60	60	73	72	63
26 GCPD To PPL PwrS	54	52	52	53	53	53	48	49	49	72	72	88	87	76
27 GCPD To PPL PwrS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
28 GCPD To PSE PwrS	26	26	25	25	25	25	23	23	23	34	34	42	42	36
29 GCPD To TPU PwrS	21	21	20	20	20	20	18	18	18	27	27	33	33	29
30 NWCP To PSE PwrS	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
32 NWE To PSE PwrS	97	97	97	97	97	97	97	97	97	97	97	97	0	97
33 Other Entities To AVWP	135	135	135	135	135	135	135	135	135	135	135	135	135	135
34 Other Entities To DOPD	17	17	17	27	47	47	47	47	27	17	17	17	17	17
35 Other Entities To PGE	350	350	350	350	650	750	750	750	650	650	650	350	350	350
36 PGE To AVWP PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 PGE To CHPD PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 PGE To CHPD XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PGE To PPL Cove Repl	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 PPL To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0
43 PPL To SCL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
44 PPL To SUB PwrS	50	50	45	45	50	50	45	40	40	40	40	35	35	35
45 PSE To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL To POPD PwrS	48	48	48	48	48	48	48	48	48	48	48	48	48	48
47 SCL To PPL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
48 SHPD To PSE PwrS	11	11	11	13	16	22	21	18	16	14	14	12	11	11
49 TAUC To AVWP PwrS	201	201	201	201	201	201	201	201	201	201	201	201	100	201
50 WSPE To PGE PwrS	136	136	136	136	136	136	136	136	136	136	136	136	136	136
<b>51 Total Contracts</b>	<b>2132</b>	<b>2130</b>	<b>2151</b>	<b>2228</b>	<b>2728</b>	<b>2866</b>	<b>2814</b>	<b>2764</b>	<b>2528</b>	<b>2570</b>	<b>2570</b>	<b>2147</b>	<b>2070</b>	<b>2243</b>
<i>-Total Contracts Out-</i>														
52 Federal System	588	588	617	683	907	961	935	891	774	747	747	575	628	642
53 Public Entities	366	364	338	339	294	300	280	279	280	355	355	409	477	438

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>54 Investor-Owned Entities</i>	640	640	658	658	660	636	631	626	626	630	630	625	428	625
<i>55 Other Entities</i>	538	538	538	548	868	968	968	968	848	838	838	538	538	538
<b>56 Total Contracts Out</b>	<b>2132</b>	<b>2130</b>	<b>2151</b>	<b>2228</b>	<b>2728</b>	<b>2866</b>	<b>2814</b>	<b>2764</b>	<b>2528</b>	<b>2570</b>	<b>2570</b>	<b>2147</b>	<b>2070</b>	<b>2243</b>
<b>-Total Contracts In-</b>														
<i>57 Federal System</i>	11	11	34	34	31	7.5	7.5	7.5	7.5	11	11	11	11	11
<i>58 Public Entities</i>	189	189	182	190	216	216	205	200	183	188	188	196	196	186
<i>59 Investor-Owned Entities</i>	1932	1930	1935	2004	2482	2642	2602	2557	2338	2370	2370	1940	1863	2046
<i>60 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>61 Total Contracts In</b>	<b>2132</b>	<b>2130</b>	<b>2151</b>	<b>2228</b>	<b>2728</b>	<b>2866</b>	<b>2814</b>	<b>2764</b>	<b>2528</b>	<b>2570</b>	<b>2570</b>	<b>2147</b>	<b>2070</b>	<b>2243</b>

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Intra-Regional Transfers-</i>														
1 AVWP To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE CapS	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
5 BPA To PPL CapS	575	575	575	575	575	575	575	575	575	575	575	575	575	575
6 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	35	34
7 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA To PSE WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
9 BPA To PSE PwrS	0	0	0	0	7	7	7	7	0	0	0	0	0	0
10 CHPD To PGE C/N/X	50	50	50	50	0	0	0	0	0	0	0	0	50	50
11 CIDF To UPL PwrS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
12 DOPD To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 FPLEV To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 GCPD To AVWP PwrS	20	20	19	19	19	19	17	17	18	26	26	32	31	27
15 GCPD To COPD PwrS	6	6	6	6	6	6	6	6	6	9	9	10	10	9
16 GCPD To EWEB PwrS	6	6	5	5	5	5	5	5	5	7	7	9	9	8
17 GCPD To FGRV PwrS	2	2	2	2	1	1	1	1	1	2	2	2	2	2
18 GCPD To FREC PwrS	1	1	1	0	1	1	0	0	0	1	1	1	1	1
19 GCPD To KITT PwrS	1	1	1	1	1	1	0	0	0	1	1	1	1	1
20 GCPD To KOOT PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21 GCPD To LVE PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 GCPD To LVE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 GCPD To MCMN PwrS	2	2	2	2	1	1	1	1	1	2	2	2	2	2
24 GCPD To MTFR PwrS	2	2	2	2	1	1	1	1	1	2	2	2	2	2
25 GCPD To PGE PwrS	45	45	43	43	44	44	40	40	40	59	59	72	72	63
26 GCPD To PPL PwrS	54	52	52	53	53	53	48	49	49	72	72	88	87	76
27 GCPD To PPL PwrS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
28 GCPD To PSE PwrS	26	26	25	25	25	25	23	23	23	34	34	42	41	36
29 GCPD To TPU PwrS	21	21	20	20	11	11	10	10	10	15	15	18	18	15
30 NWCP To PSE PwrS	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
32 NWE To PSE PwrS	97	97	97	97	97	97	97	97	97	97	97	97	0	97
33 Other Entities To AVWP	135	135	135	135	135	135	135	135	135	135	135	135	135	135
34 Other Entities To DOPD	19	19	19	29	51	51	51	51	29	19	19	19	19	19
35 Other Entities To PGE	350	350	350	350	650	750	725	725	625	625	625	325	325	325
36 PGE To AVWP PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 PGE To CHPD PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 PGE To CHPD XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PGE To PPL Cove Repl	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 PPL To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0
43 PPL To SCL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
44 PPL To SUB PwrS	50	50	45	45	50	50	45	40	40	40	40	35	35	35
45 PSE To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL To POPD PwrS	48	48	48	48	48	48	48	48	48	48	48	48	48	48
47 SCL To PPL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
48 SHPD To PSE PwrS	11	11	11	13	16	22	21	18	0	0	0	0	0	0
49 TAUC To AVWP PwrS	201	201	201	201	201	201	201	201	201	100	100	201	201	201
50 WSPE To PGE PwrS	136	136	136	136	136	136	136	136	136	136	136	136	136	136
<b>51 Total Contracts</b>	<b>2133</b>	<b>2131</b>	<b>2152</b>	<b>2230</b>	<b>2720</b>	<b>2858</b>	<b>2784</b>	<b>2733</b>	<b>2477</b>	<b>2419</b>	<b>2419</b>	<b>2092</b>	<b>2116</b>	<b>2194</b>
<i>-Total Contracts Out-</i>														
52 Federal System	588	588	617	683	907	961	935	891	774	747	747	575	628	642
53 Public Entities	365	363	337	339	282	288	271	269	252	328	328	377	445	412

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
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 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>54 Investor-Owned Entities</i>	640	640	658	658	660	636	631	626	626	530	530	625	528	625
<i>55 Other Entities</i>	540	540	540	550	872	972	947	947	825	815	815	515	515	515
<b>56 Total Contracts Out</b>	<b>2133</b>	<b>2131</b>	<b>2152</b>	<b>2230</b>	<b>2720</b>	<b>2858</b>	<b>2784</b>	<b>2733</b>	<b>2477</b>	<b>2419</b>	<b>2419</b>	<b>2092</b>	<b>2116</b>	<b>2194</b>
<b>-Total Contracts In-</b>														
<i>57 Federal System</i>	11	11	34	34	31	7.5	7.5	7.5	7.5	11	11	11	11	11
<i>58 Public Entities</i>	190	190	183	192	208	208	200	195	173	178	178	179	179	174
<i>59 Investor-Owned Entities</i>	1932	1930	1935	2004	2482	2642	2577	2531	2297	2230	2230	1902	1926	2009
<i>60 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>61 Total Contracts In</b>	<b>2133</b>	<b>2131</b>	<b>2152</b>	<b>2230</b>	<b>2720</b>	<b>2858</b>	<b>2784</b>	<b>2733</b>	<b>2477</b>	<b>2419</b>	<b>2419</b>	<b>2092</b>	<b>2116</b>	<b>2194</b>

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Intra-Regional Transfers-</b>														
1 AVWP To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE CapS	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
5 BPA To PPL CapS	575	575	575	575	575	575	575	575	575	575	575	575	575	575
6 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	35	34
7 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA To PSE PwrS	0	0	0	0	7	7	7	7	0	0	0	0	0	0
9 BPA To PSE WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
10 CHPD To PGE C/N/X	50	50	50	50	0	0	0	0	0	0	0	0	0	0
11 CIDF To UPL PwrS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
12 DOPD To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 FPLEV To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 GCPD To AVWP PwrS	20	20	19	19	19	19	17	17	18	26	26	32	31	27
15 GCPD To COPD PwrS	6	6	6	6	6	6	6	6	6	9	9	10	10	9
16 GCPD To EWEB PwrS	5	5	5	5	5	5	5	5	5	7	7	9	9	8
17 GCPD To FGRV PwrS	2	2	1	1	1	1	1	1	1	2	2	2	2	2
18 GCPD To FREC PwrS	1	1	1	0	1	1	0	0	0	1	1	1	1	1
19 GCPD To KITT PwrS	1	1	0	0	1	1	0	0	0	1	1	1	1	1
20 GCPD To KOOT PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21 GCPD To LVE PwrS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 GCPD To LVE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 GCPD To MCMN PwrS	2	2	1	1	1	1	1	1	1	2	2	2	2	2
24 GCPD To MTFR PwrS	2	2	1	1	1	1	1	1	1	2	2	2	2	2
25 GCPD To PGE PwrS	45	45	43	42	44	44	40	40	40	59	59	72	72	63
26 GCPD To PPL PwrS	54	52	52	53	53	53	48	49	49	72	72	88	87	76
27 GCPD To PPL PwrS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
28 GCPD To PSE PwrS	26	26	25	24	25	25	23	23	23	34	34	42	41	36
29 GCPD To TPU PwrS	11	11	11	10	11	11	10	10	10	15	15	18	18	15
30 NWCP To PSE PwrS	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
32 NWE To PSE PwrS	97	97	97	97	97	97	0	0	0	0	0	0	0	0
33 Other Entities To AVWP	135	135	135	135	135	135	35	35	35	35	35	35	35	35
34 Other Entities To DOPD	21	21	21	32	56	56	56	56	32	21	21	21	21	21
35 Other Entities To PGE	325	325	325	325	625	625	625	625	625	625	625	325	325	325
36 PGE To AVWP PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 PGE To CHPD PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 PGE To CHPD XchgNrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PGE To PPL Cove Repl	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0
41 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 PPL To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 PPL To SCL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
44 PPL To SUB PwrS	50	50	45	45	50	50	45	40	40	40	40	35	35	35
45 PSE To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SCL To POPD PwrS	48	48	48	48	48	48	48	48	48	48	48	48	48	48
47 SCL To PPL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
48 TAUC To AVWP PwrS	201	201	201	201	201	201	201	201	201	201	100	100	201	201
49 WSPE To PGE PwrS	136	136	136	136	136	136	136	136	136	136	136	136	136	136
<b>50 Total Contracts</b>	<b>2088</b>	<b>2086</b>	<b>2105</b>	<b>2179</b>	<b>2684</b>	<b>2716</b>	<b>2471</b>	<b>2423</b>	<b>2283</b>	<b>2325</b>	<b>2224</b>	<b>1797</b>	<b>1968</b>	<b>1949</b>
<b>-Total Contracts Out-</b>														
51 Federal System	588	588	617	683	907	961	935	891	774	747	747	575	628	642
52 Public Entities	343	341	313	310	266	266	250	251	252	328	328	377	395	362
53 Investor-Owned Entities	640	640	658	658	660	636	534	529	529	533	433	428	528	528

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>54 Other Entities</i>	517	517	517	528	852	852	752	752	728	717	717	417	417	417
<b>55 Total Contracts Out</b>	<b>2088</b>	<b>2086</b>	<b>2105</b>	<b>2179</b>	<b>2684</b>	<b>2716</b>	<b>2471</b>	<b>2423</b>	<b>2283</b>	<b>2325</b>	<b>2224</b>	<b>1797</b>	<b>1968</b>	<b>1949</b>
<i>-Total Contracts In-</i>														
<i>56 Federal System</i>	11	11	34	34	31	7.5	7.5	7.5	7.5	11	11	11	11	11
<i>57 Public Entities</i>	181	181	172	181	213	213	205	200	176	180	180	181	181	176
<i>58 Investor-Owned Entities</i>	1896	1894	1899	1964	2441	2495	2259	2216	2100	2133	2033	1604	1776	1762
<i>59 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>60 Total Contracts In</b>	<b>2088</b>	<b>2086</b>	<b>2105</b>	<b>2179</b>	<b>2684</b>	<b>2716</b>	<b>2471</b>	<b>2423</b>	<b>2283</b>	<b>2325</b>	<b>2224</b>	<b>1797</b>	<b>1968</b>	<b>1949</b>

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Intra-Regional Transfers-</b>														
1 AVWP To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE CapS	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To PPL CapS	575	575	0	0	0	0	0	0	0	0	0	0	0	0
5 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	35	34
6 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
8 BPA To PSE PwrS	0	0	0	0	7	7	7	7	41	41	41	0	0	0
9 BPA To PSE WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
10 CDF To UPL PwrS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
11 DOPD To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 FPLEV To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 GCPD To AVWP PwrS	20	20	19	0	0	0	0	0	0	0	0	0	0	0
14 GCPD To COPD PwrS	6	6	6	0	0	0	0	0	0	0	0	0	0	0
15 GCPD To EWEB PwrS	5	5	5	0	0	0	0	0	0	0	0	0	0	0
16 GCPD To FGRV PwrS	2	2	1	0	0	0	0	0	0	0	0	0	0	0
17 GCPD To FREC PwrS	1	1	1	0	0	0	0	0	0	0	0	0	0	0
18 GCPD To KITT PwrS	1	1	0	0	0	0	0	0	0	0	0	0	0	0
19 GCPD To KOOT PwrS	1	1	1	0	0	0	0	0	0	0	0	0	0	0
20 GCPD To LVE PwrS	1	1	1	0	0	0	0	0	0	0	0	0	0	0
21 GCPD To LVE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 GCPD To MCMN PwrS	2	2	1	0	0	0	0	0	0	0	0	0	0	0
23 GCPD To MTRF PwrS	2	2	1	0	0	0	0	0	0	0	0	0	0	0
24 GCPD To PGE PwrS	45	45	43	0	0	0	0	0	0	0	0	0	0	0
25 GCPD To PPL PwrS	54	52	52	0	0	0	0	0	0	0	0	0	0	0
26 GCPD To PPL PwrS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
27 GCPD To PSE PwrS	26	26	25	0	0	0	0	0	0	0	0	0	0	0
28 GCPD To TPU PwrS	11	11	11	0	0	0	0	0	0	0	0	0	0	0
29 NWCP To PSE PwrS	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
31 Other Entities To AVWP	35	35	35	35	35	35	35	35	35	35	35	35	35	35
32 Other Entities To DOPD	12	12	12	19	33	33	33	33	19	12	12	12	12	12
33 Other Entities To PGE	325	325	325	300	300	300	300	300	300	300	300	300	300	300
34 PGE To AVWP PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 PGE To PPL Cove Repl	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 PPL To BPA PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0
39 PPL To SCL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
40 PPL To SUB PwrS	50	50	45	45	50	50	45	40	40	40	40	35	35	35
41 PSE To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 SCL To POPD PwrS	48	48	48	48	48	48	48	48	48	48	48	48	48	48
43 SCL To PPL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
44 TAUC To AVWP PwrS	201	201	201	201	201	201	201	201	201	201	201	100	201	201
45 WSPE To PGE PwrS	136	136	136	136	136	136	136	136	136	136	136	136	136	136
<b>46 Total Contracts</b>	<b>1832</b>	<b>1830</b>	<b>1274</b>	<b>1155</b>	<b>1394</b>	<b>1426</b>	<b>1394</b>	<b>1345</b>	<b>1214</b>	<b>1184</b>	<b>1184</b>	<b>907</b>	<b>1081</b>	<b>1096</b>
<b>-Total Contracts Out-</b>														
47 Federal System	588	588	42	108	332	386	360	316	199	172	172	0.1	53	67
48 Public Entities	293	291	263	96	96	96	96	96	96	96	96	96	117	118
49 Investor-Owned Entities	543	543	561	561	563	539	534	529	529	533	533	428	528	528
50 Other Entities	408	408	408	390	404	404	404	404	390	383	383	383	383	383
<b>51 Total Contracts Out</b>	<b>1832</b>	<b>1830</b>	<b>1274</b>	<b>1155</b>	<b>1394</b>	<b>1426</b>	<b>1394</b>	<b>1345</b>	<b>1214</b>	<b>1184</b>	<b>1184</b>	<b>907</b>	<b>1081</b>	<b>1096</b>
<b>-Total Contracts In-</b>														

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>52 Federal System</i>	11	11	34	34	31	7.5	7.5	7.5	7.5	11	11	11	11	11
<i>53 Public Entities</i>	172	172	163	142	161	161	156	151	137	130	130	125	125	125
<i>54 Investor-Owned Entities</i>	1649	1647	1077	979	1203	1257	1231	1187	1070	1042	1042	770	945	960
<i>55 Other Entities</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>56 Total Contracts In</b>	<b>1832</b>	<b>1830</b>	<b>1274</b>	<b>1155</b>	<b>1394</b>	<b>1426</b>	<b>1394</b>	<b>1345</b>	<b>1214</b>	<b>1184</b>	<b>1184</b>	<b>907</b>	<b>1081</b>	<b>1096</b>



Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Intra-Regional Transfers-</i>														
1 AVWP To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE CapS	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
5 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	35	34
6 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA To PSE WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
8 BPA To PSE PwrS	0	0	0	0	7	7	7	7	0	0	0	0	0	0
9 CIDF To UPL PwrS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
10 DOPD To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 FPLEV To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 GCPD To PPL PwrS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
13 NWCP To PSE PwrS	4	4	4	4	4	4	0	0	0	0	0	0	0	0
14 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
15 Other Entities To AVWP	35	35	35	35	35	35	35	35	35	35	35	35	35	35
16 Other Entities To DOPD	14	14	14	22	39	39	39	39	22	14	14	14	14	14
17 Other Entities To PGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300
18 PGE To AVWP PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PGE To PPL Cove Repl	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0
22 PPL To SCL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
23 PPL To SUB PwrS	50	50	45	45	50	50	45	40	40	40	40	35	35	35
24 PSE To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 SCL To POPD PwrS	48	48	48	48	48	48	48	48	48	48	48	48	48	48
26 SCL To PPL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
27 TAUC To AVWP PwrS	201	201	201	201	201	201	201	201	201	201	201	201	100	201
28 WSPE To PGE PwrS	136	136	136	136	136	136	136	136	136	136	136	136	136	136
<b>29 Total Contracts</b>	<b>1057</b>	<b>1057</b>	<b>1084</b>	<b>1158</b>	<b>1400</b>	<b>1432</b>	<b>1396</b>	<b>1347</b>	<b>1213</b>	<b>1182</b>	<b>1182</b>	<b>1005</b>	<b>978</b>	<b>1094</b>
<i>-Total Contracts Out-</i>														
30 Federal System	13	13	42	108	332	386	360	316	199	172	172	0.1	53	67
31 Public Entities	116	116	96	96	96	96	92	92	92	92	92	92	113	114
32 Investor-Owned Entities	543	543	561	561	563	539	534	529	529	533	533	528	428	528
33 Other Entities	385	385	385	393	410	410	410	410	393	385	385	385	385	385
<b>34 Total Contracts Out</b>	<b>1057</b>	<b>1057</b>	<b>1084</b>	<b>1158</b>	<b>1400</b>	<b>1432</b>	<b>1396</b>	<b>1347</b>	<b>1213</b>	<b>1182</b>	<b>1182</b>	<b>1005</b>	<b>978</b>	<b>1094</b>
<i>-Total Contracts In-</i>														
35 Federal System	11	11	34	34	31	7.5	7.5	7.5	7.5	11	11	11	11	11
36 Public Entities	142	142	137	145	167	167	162	157	140	132	132	127	127	127
37 Investor-Owned Entities	904	904	913	979	1203	1257	1227	1183	1066	1038	1038	867	840	956
38 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>39 Total Contracts In</b>	<b>1057</b>	<b>1057</b>	<b>1084</b>	<b>1158</b>	<b>1400</b>	<b>1432</b>	<b>1396</b>	<b>1347</b>	<b>1213</b>	<b>1182</b>	<b>1182</b>	<b>1005</b>	<b>978</b>	<b>1094</b>

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Intra-Regional Transfers-</b>														
1 AVWP To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE CapS	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
5 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA To PSE WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
8 BPA To PSE PwrS	0	0	0	0	7	7	7	7	0	0	0	0	0	0
9 CIDF To UPL PwrS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
10 DOPD To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 FPLEV To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 GCPD To PPL PwrS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
13 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
14 Other Entities To AVWP	35	35	35	35	35	35	35	35	35	35	35	35	35	35
15 Other Entities To DOPD	16	16	16	24	42	42	42	42	24	16	16	16	16	16
16 Other Entities To PGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300
17 PGE To AVWP PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PGE To PPL Cove Repl	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0
21 PPL To SCL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
22 PPL To SUB PwrS	50	50	45	45	50	50	45	40	40	40	40	35	35	35
23 PSE To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCL To POPD PwrS	48	48	48	48	48	48	48	48	48	48	48	48	48	48
25 SCL To PPL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
26 TAUC To AVWP PwrS	201	201	201	201	201	201	201	201	201	201	201	100	201	201
27 WSPE To PGE PwrS	136	136	136	136	136	136	136	136	136	136	136	136	136	136
<b>28 Total Contracts</b>	<b>1055</b>	<b>1055</b>	<b>1082</b>	<b>1156</b>	<b>1399</b>	<b>1431</b>	<b>1399</b>	<b>1350</b>	<b>1215</b>	<b>1184</b>	<b>1184</b>	<b>907</b>	<b>1046</b>	<b>1063</b>
<b>-Total Contracts Out-</b>														
29 Federal System	13	13	42	108	332	386	360	316	199	172	172	0.1	18	34
30 Public Entities	112	112	92	92	92	92	92	92	92	92	92	92	113	114
31 Investor-Owned Entities	543	543	561	561	563	539	534	529	529	533	533	428	528	528
32 Other Entities	387	387	387	395	413	413	413	413	395	387	387	387	387	387
<b>33 Total Contracts Out</b>	<b>1055</b>	<b>1055</b>	<b>1082</b>	<b>1156</b>	<b>1399</b>	<b>1431</b>	<b>1399</b>	<b>1350</b>	<b>1215</b>	<b>1184</b>	<b>1184</b>	<b>907</b>	<b>1046</b>	<b>1063</b>
<b>-Total Contracts In-</b>														
34 Federal System	11	11	34	34	31	7.5	7.5	7.5	7.5	11	11	11	11	11
35 Public Entities	144	144	139	147	170	170	165	160	142	134	134	129	129	129
36 Investor-Owned Entities	900	900	909	975	1199	1253	1227	1183	1066	1038	1038	766	906	923
37 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>38 Total Contracts In</b>	<b>1055</b>	<b>1055</b>	<b>1082</b>	<b>1156</b>	<b>1399</b>	<b>1431</b>	<b>1399</b>	<b>1350</b>	<b>1215</b>	<b>1184</b>	<b>1184</b>	<b>907</b>	<b>1046</b>	<b>1063</b>

Table A-16: Regional Intra-Regional Transfers  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Intra-Regional Transfers-</b>														
1 AVWP To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE CapS	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
5 BPA To PSE WP3Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
6 BPA To PSE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CIDF To UPL PwrS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
8 DOPD To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 FPLEV To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 GCPD To PPL PwrS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
11 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
12 Other Entities To AVWP	35	35	35	35	35	35	35	35	35	35	35	35	35	35
13 Other Entities To DOPD	18	18	18	27	47	47	47	47	27	18	18	18	18	18
14 Other Entities To PGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300
15 PGE To AVWP PkRepl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 PGE To PPL Cove Repl	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17 PPL To SCL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
18 PPL To SUB PwrS	50	50	45	45	50	50	45	40	40	40	40	35	35	35
19 PSE To BPA WP3Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 SCL To POPD PwrS	48	48	48	48	48	48	48	48	48	48	48	48	48	48
21 SCL To PPL PwrS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
22 TAUC To AVWP PwrS	201	201	201	201	201	201	201	201	201	201	201	201	100	201
23 WSPE To PGE PwrS	136	136	136	136	136	136	136	136	136	136	136	136	136	136
<b>24 Total Contracts</b>	<b>1057</b>	<b>1057</b>	<b>1061</b>	<b>1136</b>	<b>1374</b>	<b>1429</b>	<b>1397</b>	<b>1348</b>	<b>1218</b>	<b>1186</b>	<b>1186</b>	<b>1009</b>	<b>948</b>	<b>1065</b>
<b>-Total Contracts Out-</b>														
25 Federal System	13	13	42	108	325	379	353	309	199	172	172	0.1	18	34
26 Public Entities	112	112	92	92	92	92	92	92	92	92	92	92	113	114
27 Investor-Owned Entities	543	543	538	538	539	539	534	529	529	533	533	528	428	528
28 Other Entities	389	389	389	398	418	418	418	418	398	389	389	389	389	389
<b>29 Total Contracts Out</b>	<b>1057</b>	<b>1057</b>	<b>1061</b>	<b>1136</b>	<b>1374</b>	<b>1429</b>	<b>1397</b>	<b>1348</b>	<b>1218</b>	<b>1186</b>	<b>1186</b>	<b>1009</b>	<b>948</b>	<b>1065</b>
<b>-Total Contracts In-</b>														
30 Federal System	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11
31 Public Entities	146	146	141	150	175	175	170	165	145	136	136	131	131	131
32 Investor-Owned Entities	900	900	909	975	1192	1246	1220	1176	1066	1038	1038	867	806	923
33 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>34 Total Contracts In</b>	<b>1057</b>	<b>1057</b>	<b>1061</b>	<b>1136</b>	<b>1374</b>	<b>1429</b>	<b>1397</b>	<b>1348</b>	<b>1218</b>	<b>1186</b>	<b>1186</b>	<b>1009</b>	<b>948</b>	<b>1065</b>

Table A-17  
Capacity Reserves  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Hydro Reserves</b>														
<b>-Federal Entities-</b>														
1 BPA - Power Business	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
<b>2 Total Federal Entities</b>	<b>1058</b>	<b>1049</b>	<b>1059</b>	<b>1064</b>	<b>1073</b>	<b>1060</b>	<b>1066</b>	<b>1075</b>	<b>1062</b>	<b>1024</b>	<b>1009</b>	<b>1033</b>	<b>1063</b>	<b>1064</b>
<b>-Generating Public Entities-</b>														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	27	27
4 Cowlitz County PUD #1	6.4	6.3	6.1	6.4	5.7	5.2	4.7	4.5	4.6	4.7	4.2	5.1	5.9	5.9
5 Douglas County PUD #1	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 Eugene Water & Electric Board	5.1	5.1	5.1	5.0	4.6	4.6	4.1	4.5	5.6	6.2	6.1	6.5	6.2	5.8
7 Grant County PUD #2	33	33	33	33	36	36	45	45	45	45	45	45	45	45
8 Okanogan County PUD #1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4.1
10 Seattle City Light	86	83	87	82	86	84	48	71	82	81	81	84	92	84
11 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12 Tacoma Public Utilities	40	39	44	39	42	41	36	29	24	26	32	16	40	34
<b>13 Total Generating Public Entities</b>	<b>224</b>	<b>220</b>	<b>229</b>	<b>217</b>	<b>227</b>	<b>224</b>	<b>191</b>	<b>207</b>	<b>215</b>	<b>217</b>	<b>221</b>	<b>210</b>	<b>243</b>	<b>228</b>
<b>-Non-Generating Public Entities-</b>														
14 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clearwater Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Colville Tribes	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20 Energy Northwest	1.5	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21 Fall River Elec Coop	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22 Forest Grove, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
23 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Idaho County L & P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
26 Kittitas County PUD #1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28 Kootenai Electric Coop	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Lost River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Lower Valley Energy	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 McMinnville, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
33 Milton Freewater, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
34 Northern Lights	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
35 Northern Wasco County PUD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Raft River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Salmon River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 United Electric Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>41 Total Non-Generating Public Entities</b>	<b>8.1</b>	<b>8.1</b>	<b>7.9</b>	<b>7.8</b>	<b>7.9</b>	<b>8.1</b>	<b>8.1</b>	<b>8.1</b>	<b>8.5</b>	<b>8.5</b>	<b>8.5</b>	<b>8.4</b>	<b>8.4</b>	<b>8.5</b>
<b>-Investor-Owned Entities-</b>														
42 Avista Corp (WWP Division)	58	58	58	58	58	57	56	56	56	56	56	56	56	56
43 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
44 Northwestern Energy LLC (MPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0.1	0.1	0.1
45 Pacific Power	64	64	63	63	60	59	55	52	54	55	54	51	61	61
46 Portland General Electric	54	54	54	54	53	53	51	51	51	51	51	51	51	51
47 Puget Sound Energy	76	76	76	76	75	75	73	71	71	71	71	66	74	74
<b>48 Total Investor-Owned Entities</b>	<b>336</b>	<b>337</b>	<b>333</b>	<b>334</b>	<b>321</b>	<b>319</b>	<b>316</b>	<b>302</b>	<b>310</b>	<b>317</b>	<b>317</b>	<b>311</b>	<b>321</b>	<b>331</b>
<b>-Other Entities-</b>														
49 Colocum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
50 Unspecified Marketer	0	0	0	0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
51 Warm Springs Power Enterprise	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>52 Total Other Entities</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
<b>Small Thermal &amp; Misc. Reserves</b>														
<b>-Federal Entities-</b>														
53 BPA - Power Business	3	3	2.2	3	3.5	3.2	3.2	3.2	3.2	3.1	3.1	3.8	3.0	2.8
54 U.S. Naval Station, Everett (Jim Creek)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>55 U.S. Naval Submarine Base, Bangor</i>	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>56 Total Federal Entities</b>	<b>4.5</b>	<b>4.5</b>	<b>3.7</b>	<b>4.5</b>	<b>5.0</b>	<b>4.7</b>	<b>4.7</b>	<b>4.7</b>	<b>4.7</b>	<b>4.6</b>	<b>4.6</b>	<b>5.3</b>	<b>4.5</b>	<b>4.3</b>
<b>-Generating Public Entities-</b>														
<i>57 Chelan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>58 Clark County PUD #1</i>	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<i>59 Cowlitz County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>60 Douglas County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>61 Eugene Water &amp; Electric Board</i>	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
<i>62 Grant County PUD #2</i>	2.3	2.3	2.2	2	1.6	1.6	1.6	1.6	2.0	2.3	2.3	2.4	2.4	2.3
<i>63 Grays Harbor PUD #1</i>	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	2.5	2.5	3.6	4.7	4.7
<i>64 Okanogan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>65 Seattle City Light</i>	6	6	3.8	1.4	0.2	0.2	0.5	0.6	1.3	4.4	4.4	6.7	7.1	6.9
<i>66 Snohomish County PUD #1</i>	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2
<i>67 Springfield Utility Board</i>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<i>68 Tacoma Public Utilities</i>	2.7	2.7	1.7	0.8	0	0	0	0	0.2	1.7	1.7	2.4	2.8	3.0
<b>69 Total Generating Public Entities</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>33</b>	<b>35</b>	<b>32</b>
<b>-Non-Generating Public Entities-</b>														
<i>70 Ashland, City of</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>71 Benton County PUD #1</i>	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	1.4	1.4	3.9	3.9	3.9
<i>72 Clallam County PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>73 Clatskanie PUD</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0.6	0.6
<i>74 Consumers Power</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>75 Emerald County PUD</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>76 Energy Northwest</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>77 Fall River Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>78 Franklin County PUD #1</i>	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.1	1.1	1.5	2.6	2.6
<i>79 Klickitat County PUD #1</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>80 Lewis County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>81 Mason County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>82 Mason County PUD #3</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>83 Oregon Trail Coop</i>	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0	0	0	0	0	0
<i>84 Tanner Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>85 Tillamook PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>86 Total Non-Generating Public Entities</b>	<b>8.1</b>	<b>8.1</b>	<b>8.1</b>	<b>8.1</b>	<b>8.1</b>	<b>8.1</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>3.8</b>	<b>3.8</b>	<b>6.1</b>	<b>7.8</b>	<b>7.8</b>
<b>-Investor-Owned Entities-</b>														
<i>87 Avista Corp (WWP Division)</i>	31	31	31	31	31	31	31	31	31	31	31	7.0	31	31
<i>88 Idaho Power Company</i>	20	20	20	18	18	17	17	17	18	19	19	20	21	21
<i>89 Northwestern Energy LLC (MPC)</i>	4.6	4.6	4.6	4.7	4.4	4.5	4.5	4.4	4.3	4.2	4.2	4.7	4.8	4.7
<i>90 Pacific Power</i>	29	29	29	29	29	29	28	29	29	29	29	3.6	29	29
<i>91 Portland General Electric</i>	37	37	38	39	40	41	41	41	40	40	40	39	38	37
<i>92 Puget Sound Energy</i>	68	68	77	68	54	54	63	54	54	48	48	38	54	59
<i>93 Trans Alta Utilities Corp</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>94 Utah Power</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.3
<b>95 Total Investor-Owned Entities</b>	<b>203</b>	<b>203</b>	<b>212</b>	<b>203</b>	<b>190</b>	<b>189</b>	<b>197</b>	<b>189</b>	<b>189</b>	<b>184</b>	<b>184</b>	<b>113</b>	<b>191</b>	<b>195</b>
<b>-Other Entities-</b>														
<i>96 Avista Energy Inc.</i>	14	14	14	14	14	14	14	14	14	0	0	14	14	14
<i>97 Calpine Power Marketing, Inc.</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>98 Chehalis Power Inc.</i>	26	26	26	26	26	26	26	26	26	26	26	26	0	26
<i>99 FPL Energy Vansycle LLC</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>100 Frederickson Power LP</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>101 Hermiston Power Partnership</i>	32	32	32	32	32	32	32	32	0	32	32	32	32	32
<i>102 Longview Fibre</i>	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
<i>103 Mirant Americas Energy Marketing, L.P.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>104 Pacific Klamath Energy</i>	29	29	29	29	29	29	29	29	29	24	24	24	24	29
<i>105 PPM Energy</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>106 SP Newsprint</i>	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>107 Total Other Entities</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>85</b>	<b>98</b>	<b>98</b>	<b>99</b>	<b>86</b>	<b>117</b>
<b>Large Thermal Reserves</b>														
<b>-Federal Entities-</b>														
<i>108 BPA - Power Business</i>	172	172	172	172	172	172	172	172	172	172	172	172	172	172
<b>109 Total Federal Entities</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
110 Turlock Irrigation District	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0	8.8	8.8
<b>111 Total Generating Public Entities</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>0</b>	<b>8.8</b>	<b>8.8</b>
<i>-Non-Generating Public Entities-</i>														
<b>112 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Investor-Owned Entities-</i>														
113 Avista Corp (WWP Division)	33	33	33	17	34	34	34	34	34	34	34	34	34	34
114 Idaho Power Company	154	154	154	154	154	154	154	154	154	154	128	145	154	154
115 Northwestern Energy LLC (MPC)	33	33	33	0	34	34	34	34	34	34	34	34	34	34
116 Pacific Power	234	234	234	223	235	235	235	235	235	235	182	235	235	235
117 Portland General Electric	102	102	102	80	103	103	103	103	103	103	103	45	103	103
118 Puget Sound Energy	102	102	102	74	102	102	102	102	102	102	102	102	102	102
119 San Diego Gas & Electric	13	13	13	13	13	13	13	13	13	13	13	0	13	13
120 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	201	201	100	201	201
<b>121 Total Investor-Owned Entities</b>	<b>873</b>	<b>873</b>	<b>873</b>	<b>762</b>	<b>876</b>	<b>876</b>	<b>876</b>	<b>876</b>	<b>876</b>	<b>876</b>	<b>797</b>	<b>696</b>	<b>876</b>	<b>876</b>
<i>-Other Entities-</i>														
<b>122 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<u>Contract Reserves</u>														
<i>-Federal Entities-</i>														
<b>123 Total Federal Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Generating Public Entities-</i>														
<b>124 Total Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Non-Generating Public Entities-</i>														
<b>125 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Investor-Owned Entities-</i>														
126 Northwestern Energy LLC (MPC)	35	30	30	59	21	30	26	26	17	16	18	37	29	36
127 Pacific Power	32	32	29	29	34	35	35	33	24	26	26	18	31	30
<b>128 Total Investor-Owned Entities</b>	<b>67</b>	<b>62</b>	<b>59</b>	<b>87</b>	<b>55</b>	<b>65</b>	<b>61</b>	<b>59</b>	<b>41</b>	<b>42</b>	<b>44</b>	<b>55</b>	<b>60</b>	<b>66</b>
<i>-Other Entities-</i>														
<b>129 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Capacity Reserves-</i>														
130 Total Hydro Reserves	1648	1636	1651	1645	1653	1635	1605	1617	1620	1590	1580	1586	1659	1655
131 Total Small Thermal & Misc Reserves	364	364	369	357	342	340	348	340	310	318	318	256	324	356
132 Total Large Thermal Reserves	1054	1054	1054	943	1058	1058	1058	1058	1058	1058	978	869	1058	1058
133 Total Contract Reserves	67	62	59	87	55	65	61	59	41	42	44	55	60	66
<b>134 Total Capacity Reserves</b>	<b>3133</b>	<b>3116</b>	<b>3132</b>	<b>3031</b>	<b>3108</b>	<b>3098</b>	<b>3072</b>	<b>3075</b>	<b>3029</b>	<b>3007</b>	<b>2919</b>	<b>2766</b>	<b>3100</b>	<b>3136</b>

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Hydro Reserves</b>														
<b>-Federal Entities-</b>														
1 BPA - Power Business	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
<b>2 Total Federal Entities</b>	<b>1058</b>	<b>1049</b>	<b>1059</b>	<b>1064</b>	<b>1073</b>	<b>1060</b>	<b>1066</b>	<b>1075</b>	<b>1062</b>	<b>1024</b>	<b>1009</b>	<b>1033</b>	<b>1063</b>	<b>1064</b>
<b>-Generating Public Entities-</b>														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	27	27
4 Cowlitz County PUD #1	5.9	5.9	5.6	5.9	5.4	4.9	4.7	4.5	4.6	4.7	4.2	5.1	5.9	5.9
5 Douglas County PUD #1	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 Eugene Water & Electric Board	4.7	4.7	4.7	4.6	4.4	4.4	4.1	4.5	5.6	6.2	6.1	6.5	6.2	5.8
7 Grant County PUD #2	45	45	45	45	45	45	45	45	45	45	45	45	45	45
8 Okanogan County PUD #1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4.1
10 Seattle City Light	84	81	85	80	84	83	48	71	82	81	81	84	92	84
11 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12 Tacoma Public Utilities	38	37	42	36	41	40	36	29	24	26	32	16	40	34
<b>13 Total Generating Public Entities</b>	<b>231</b>	<b>227</b>	<b>236</b>	<b>225</b>	<b>233</b>	<b>230</b>	<b>191</b>	<b>207</b>	<b>215</b>	<b>217</b>	<b>221</b>	<b>210</b>	<b>243</b>	<b>228</b>
<b>-Non-Generating Public Entities-</b>														
14 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clearwater Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Colville Tribes	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20 Energy Northwest	1.5	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21 Fall River Elec Coop	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22 Forest Grove, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
23 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Idaho County L & P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
26 Kittitas County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28 Kootenai Electric Coop	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Lost River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Lower Valley Energy	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 McMinnville, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
33 Milton Freewater, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
34 Northern Lights	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
35 Northern Wasco County PUD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Raft River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Salmon River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 United Electric Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>41 Total Non-Generating Public Entities</b>	<b>8.4</b>	<b>8.4</b>	<b>8.2</b>	<b>8</b>	<b>7.9</b>	<b>8.1</b>	<b>8.1</b>	<b>8.1</b>	<b>8.5</b>	<b>8.5</b>	<b>8.5</b>	<b>8.4</b>	<b>8.4</b>	<b>8.5</b>
<b>-Investor-Owned Entities-</b>														
42 Avista Corp (WWP Division)	57	57	57	57	57	56	56	56	56	56	56	56	56	56
43 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
44 Northwestern Energy LLC (MPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0.1	0.1	0.1
45 Pacific Power	60	60	59	60	58	57	55	52	54	55	54	51	61	61
46 Portland General Electric	51	51	51	51	51	51	51	51	51	51	51	51	51	51
47 Puget Sound Energy	74	74	74	74	74	73	73	71	71	71	71	66	74	74
<b>48 Total Investor-Owned Entities</b>	<b>326</b>	<b>327</b>	<b>323</b>	<b>324</b>	<b>314</b>	<b>313</b>	<b>316</b>	<b>302</b>	<b>310</b>	<b>317</b>	<b>317</b>	<b>311</b>	<b>321</b>	<b>331</b>
<b>-Other Entities-</b>														
49 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
50 Unspecified Marketer	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
51 Warm Springs Power Enterprise	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>52 Total Other Entities</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
<b>Small Thermal &amp; Misc. Reserves</b>														
<b>-Federal Entities-</b>														
53 BPA - Power Business	1.5	1.5	1.5	1.6	1.6	1.7	1.8	1.7	1.7	1.7	1.7	1.5	1.5	1.5
54 U.S. Naval Station, Everett (Jim Creek)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
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1937 Water Year  
[27] 2004 White Book

Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>55 U.S. Naval Submarine Base, Bangor</i>	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>56 Total Federal Entities</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3.1</b>	<b>3.1</b>	<b>3.2</b>	<b>3.3</b>	<b>3.2</b>	<b>3.2</b>	<b>3.2</b>	<b>3.2</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>-Generating Public Entities-</b>														
<i>57 Chelan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>58 Clark County PUD #1</i>	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<i>59 Cowlitz County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>60 Douglas County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>61 Eugene Water &amp; Electric Board</i>	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
<i>62 Grant County PUD #2</i>	2.3	2.3	2.2	2	1.6	1.6	1.6	1.6	2.0	2.3	2.3	2.4	2.4	2.3
<i>63 Grays Harbor PUD #1</i>	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	2.5	2.5	3.6	4.7	4.7
<i>64 Okanogan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>65 Seattle City Light</i>	6	6	3.8	1.4	0.2	0.2	0.5	0.6	1.3	4.4	4.4	6.7	7.1	6.9
<i>66 Snohomish County PUD #1</i>	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2
<i>67 Springfield Utility Board</i>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<i>68 Tacoma Public Utilities</i>	2.7	2.7	1.7	0.8	0	0	0	0	0.2	1.7	1.7	2.4	2.8	3.0
<b>69 Total Generating Public Entities</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>33</b>	<b>35</b>	<b>32</b>
<b>-Non-Generating Public Entities-</b>														
<i>70 Ashland, City of</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>71 Benton County PUD #1</i>	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	1.4	1.4	3.9	3.9	3.9
<i>72 Clallam County PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>73 Clatskanie PUD</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0.6	0.6
<i>74 Consumers Power</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>75 Emerald County PUD</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>76 Energy Northwest</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>77 Fall River Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>78 Franklin County PUD #1</i>	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.1	1.1	1.5	2.6	2.6
<i>79 Klickitat County PUD #1</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>80 Lewis County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>81 Mason County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>82 Mason County PUD #3</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>83 Oregon Trail Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>84 Tanner Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>85 Tillamook PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>86 Total Non-Generating Public Entities</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>3.8</b>	<b>3.8</b>	<b>6.1</b>	<b>7.8</b>	<b>7.8</b>
<b>-Investor-Owned Entities-</b>														
<i>87 Avista Corp (WWP Division)</i>	31	31	31	31	31	31	31	31	31	31	31	7.0	31	31
<i>88 Idaho Power Company</i>	21	21	20	19	18	17	17	17	18	19	19	20	21	21
<i>89 Northwestern Energy LLC (MPC)</i>	4.6	4.6	4.6	4.7	4.4	4.5	4.5	4.5	4.3	4.2	4.2	5	5.2	4.7
<i>90 Pacific Power</i>	29	29	29	29	29	29	28	29	29	29	29	3.6	29	29
<i>91 Portland General Electric</i>	37	37	38	59	61	61	61	61	61	60	60	39	58	58
<i>92 Puget Sound Energy</i>	68	68	77	68	54	54	63	54	54	48	48	38	54	59
<i>93 Trans Alta Utilities Corp</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>94 Utah Power</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.3
<b>95 Total Investor-Owned Entities</b>	<b>204</b>	<b>204</b>	<b>213</b>	<b>224</b>	<b>210</b>	<b>210</b>	<b>218</b>	<b>209</b>	<b>209</b>	<b>204</b>	<b>204</b>	<b>113</b>	<b>212</b>	<b>216</b>
<b>-Other Entities-</b>														
<i>96 Avista Energy Inc.</i>	14	14	14	14	14	14	14	14	14	0	0	14	14	14
<i>97 Calpine Power Marketing, Inc.</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>98 Chehalis Power Inc.</i>	26	26	26	26	26	26	26	26	26	26	26	26	0	26
<i>99 FPL Energy Vansycle LLC</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>100 Frederickson Power LP</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>101 Hermiston Power Partnership</i>	32	32	32	32	32	32	32	32	0	32	32	32	32	32
<i>102 Longview Fibre</i>	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
<i>103 Mirant Americas Energy Marketing, L.P.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>104 Pacific Klamath Energy</i>	29	29	29	29	29	29	29	29	29	24	24	24	24	29
<i>105 PPM Energy</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>106 SP Newsprint</i>	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>107 Total Other Entities</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>85</b>	<b>98</b>	<b>98</b>	<b>99</b>	<b>86</b>	<b>117</b>
<b>Large Thermal Reserves</b>														
<b>-Federal Entities-</b>														
<i>108 BPA - Power Business</i>	172	172	172	172	172	172	172	172	172	172	172	0	0	172
<b>109 Total Federal Entities</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>0</b>	<b>0</b>	<b>172</b>

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
110 Turlock Irrigation District	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0	8.8	8.8
<b>111 Total Generating Public Entities</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>0</b>	<b>8.8</b>	<b>8.8</b>
<i>-Non-Generating Public Entities-</i>														
<b>112 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Investor-Owned Entities-</i>														
113 Avista Corp (WWP Division)	34	34	17	17	34	34	34	34	34	34	34	34	34	34
114 Idaho Power Company	154	154	154	154	154	154	154	154	154	154	128	92	101	154
115 Northwestern Energy LLC (MPC)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
116 Pacific Power	235	235	223	223	235	235	235	235	235	235	182	129	129	235
117 Portland General Electric	103	103	81	81	103	104	104	104	104	104	104	46	104	104
118 Puget Sound Energy	102	102	52	52	103	104	104	104	104	104	104	104	104	104
119 San Diego Gas & Electric	13	13	13	13	13	13	13	13	13	13	13	0	13	13
120 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	201	201	100	201	201
<b>121 Total Investor-Owned Entities</b>	<b>876</b>	<b>876</b>	<b>776</b>	<b>776</b>	<b>877</b>	<b>880</b>	<b>880</b>	<b>880</b>	<b>880</b>	<b>880</b>	<b>800</b>	<b>541</b>	<b>721</b>	<b>880</b>
<i>-Other Entities-</i>														
<b>122 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<u>Contract Reserves</u>														
<i>-Federal Entities-</i>														
<b>123 Total Federal Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Generating Public Entities-</i>														
<b>124 Total Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Non-Generating Public Entities-</i>														
<b>125 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Investor-Owned Entities-</i>														
126 Northwestern Energy LLC (MPC)	35	30	30	30	22	31	27	27	18	17	19	38	44	37
127 Pacific Power	19	19	20	20	24	26	25	23	17	18	18	13	21	21
<b>128 Total Investor-Owned Entities</b>	<b>54</b>	<b>49</b>	<b>50</b>	<b>50</b>	<b>46</b>	<b>57</b>	<b>52</b>	<b>50</b>	<b>35</b>	<b>35</b>	<b>37</b>	<b>51</b>	<b>66</b>	<b>58</b>
<i>-Other Entities-</i>														
<b>129 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Capacity Reserves-</i>														
130 Total Hydro Reserves	1648	1636	1651	1645	1653	1635	1605	1617	1620	1590	1580	1586	1659	1655
131 Total Small Thermal & Misc Reserves	363	363	368	376	360	359	367	359	329	337	336	254	343	375
132 Total Large Thermal Reserves	1058	1058	957	957	1059	1061	1061	1061	1061	1061	982	541	730	1061
133 Total Contract Reserves	54	49	50	50	46	57	52	50	35	35	37	51	66	58
<b>134 Total Capacity Reserves</b>	<b>3122</b>	<b>3105</b>	<b>3026</b>	<b>3027</b>	<b>3117</b>	<b>3112</b>	<b>3085</b>	<b>3088</b>	<b>3045</b>	<b>3023</b>	<b>2935</b>	<b>2432</b>	<b>2797</b>	<b>3150</b>

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Hydro Reserves</b>														
<b>-Federal Entities-</b>														
1 BPA - Power Business	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
<b>2 Total Federal Entities</b>	<b>1058</b>	<b>1049</b>	<b>1059</b>	<b>1064</b>	<b>1073</b>	<b>1060</b>	<b>1066</b>	<b>1075</b>	<b>1062</b>	<b>1024</b>	<b>1009</b>	<b>1033</b>	<b>1063</b>	<b>1064</b>
<b>-Generating Public Entities-</b>														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	27	27
4 Cowlitz County PUD #1	5.9	5.9	5.6	5.9	5.4	4.9	4.7	4.5	4.6	4.7	4.2	5.1	5.9	5.9
5 Douglas County PUD #1	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 Eugene Water & Electric Board	4.7	4.7	4.7	4.6	4.4	4.4	4.1	4.5	5.6	6.2	6.1	6.5	6.2	5.8
7 Grant County PUD #2	45	45	45	45	45	45	45	45	45	45	45	45	45	45
8 Okanogan County PUD #1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4.1
10 Seattle City Light	84	81	85	80	84	83	48	71	82	81	81	84	92	84
11 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12 Tacoma Public Utilities	38	37	42	36	41	40	36	29	24	26	32	16	40	34
<b>13 Total Generating Public Entities</b>	<b>231</b>	<b>227</b>	<b>236</b>	<b>225</b>	<b>233</b>	<b>230</b>	<b>191</b>	<b>207</b>	<b>215</b>	<b>217</b>	<b>221</b>	<b>210</b>	<b>243</b>	<b>228</b>
<b>-Non-Generating Public Entities-</b>														
14 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clearwater Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Colville Tribes	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20 Energy Northwest	1.5	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21 Fall River Elec Coop	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22 Forest Grove, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
23 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Idaho County L & P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
26 Kittitas County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28 Kootenai Electric Coop	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Lost River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Lower Valley Energy	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 McMinnville, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
33 Milton Freewater, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
34 Northern Lights	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
35 Northern Wasco County PUD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Raft River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Salmon River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 United Electric Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>41 Total Non-Generating Public Entities</b>	<b>8.4</b>	<b>8.4</b>	<b>8.2</b>	<b>8</b>	<b>7.9</b>	<b>8.1</b>	<b>8.1</b>	<b>8.1</b>	<b>8.5</b>	<b>8.5</b>	<b>8.5</b>	<b>8.4</b>	<b>8.4</b>	<b>8.5</b>
<b>-Investor-Owned Entities-</b>														
42 Avista Corp (WWP Division)	57	57	57	57	57	56	56	56	56	56	56	56	56	56
43 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
44 Northwestern Energy LLC (MPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0.1	0.1	0.1
45 Pacific Power	60	60	59	60	58	57	55	52	54	55	54	51	61	61
46 Portland General Electric	51	51	51	51	51	51	51	51	51	51	51	51	51	51
47 Puget Sound Energy	74	74	74	74	74	73	73	71	71	71	71	66	74	74
<b>48 Total Investor-Owned Entities</b>	<b>326</b>	<b>327</b>	<b>323</b>	<b>324</b>	<b>314</b>	<b>313</b>	<b>316</b>	<b>302</b>	<b>310</b>	<b>317</b>	<b>317</b>	<b>311</b>	<b>321</b>	<b>331</b>
<b>-Other Entities-</b>														
49 Colocum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
50 Unspecified Marketer	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
51 Warm Springs Power Enterprise	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>52 Total Other Entities</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
<b>Small Thermal &amp; Misc. Reserves</b>														
<b>-Federal Entities-</b>														
53 BPA - Power Business	1.5	1.5	1.5	4	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0
54 U.S. Naval Station, Everett (Jim Creek)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
2007 - 2008 Operating Year  
1937 Water Year  
[27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 U.S. Naval Submarine Base, Bangor	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>56 Total Federal Entities</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5.5</b>	<b>5.6</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.6</b>	<b>5.6</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>
<b>-Generating Public Entities-</b>														
57 Chelan County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Clark County PUD #1	12	12	12	12	12	12	12	12	12	12	12	0	12	12
59 Cowlitz County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Douglas County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Eugene Water & Electric Board	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
62 Grant County PUD #2	2.3	2.3	2.2	2	1.6	1.6	1.6	1.6	2.0	2.3	2.3	2.4	2.4	2.3
63 Grays Harbor PUD #1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	2.5	2.5	3.6	4.7	4.7
64 Okanogan County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Seattle City Light	6	6	3.8	1.4	0.2	0.2	0.5	0.6	1.3	4.4	4.4	6.7	7.1	6.9
66 Snohomish County PUD #1	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2
67 Springfield Utility Board	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
68 Tacoma Public Utilities	2.7	2.7	1.7	0.8	0	0	0	0	0.2	1.7	1.7	2.4	2.8	3.0
<b>69 Total Generating Public Entities</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>21</b>	<b>35</b>	<b>32</b>
<b>-Non-Generating Public Entities-</b>														
70 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71 Benton County PUD #1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	1.4	1.4	3.9	3.9	3.9
72 Clallam County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
73 Clatskanie PUD	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0.6	0.6
74 Consumers Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75 Emerald County PUD	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
76 Energy Northwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Fall River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Franklin County PUD #1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.1	1.1	1.5	2.6	2.6
79 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Mason County PUD #3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Oregon Trail Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Tillamook PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>86 Total Non-Generating Public Entities</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>3.8</b>	<b>3.8</b>	<b>6.1</b>	<b>7.8</b>	<b>7.8</b>
<b>-Investor-Owned Entities-</b>														
87 Avista Corp (WWP Division)	31	31	31	31	31	31	31	31	31	31	31	7.0	31	31
88 Idaho Power Company	21	21	20	19	18	17	17	17	18	19	19	20	21	21
89 Northwestern Energy LLC (MPC)	4.6	4.6	4.6	4.7	4.4	4.5	4.6	4.5	4.3	4.2	4.2	5	4.8	4.7
90 Pacific Power	29	29	29	29	29	29	28	29	29	29	29	3.6	29	29
91 Portland General Electric	58	58	58	59	61	61	61	61	61	60	60	39	58	58
92 Puget Sound Energy	68	68	77	68	54	54	63	54	54	48	48	50	54	59
93 Trans Alta Utilities Corp	12	12	12	12	12	12	12	12	12	12	12	0	12	12
94 Utah Power	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.3
<b>95 Total Investor-Owned Entities</b>	<b>224</b>	<b>224</b>	<b>233</b>	<b>224</b>	<b>210</b>	<b>210</b>	<b>218</b>	<b>209</b>	<b>209</b>	<b>204</b>	<b>204</b>	<b>125</b>	<b>212</b>	<b>216</b>
<b>-Other Entities-</b>														
96 Avista Energy Inc.	14	14	14	14	14	14	14	14	14	0	0	14	14	14
97 Calpine Power Marketing, Inc.	12	12	12	12	12	12	12	12	12	12	12	0	12	12
98 Chehalis Power Inc.	26	26	26	26	26	26	26	26	26	26	26	26	0	26
99 FPL Energy Vansycle LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Frederickson Power LP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Hermiston Power Partnership	32	32	32	32	32	32	32	32	0	32	32	32	32	32
102 Longview Fibre	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
103 Mirant Americas Energy Marketing, L.P.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Pacific Klamath Energy	29	29	29	29	29	29	29	29	29	24	24	24	24	29
105 PPM Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 SP Newsprint	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>107 Total Other Entities</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>85</b>	<b>98</b>	<b>98</b>	<b>99</b>	<b>86</b>	<b>117</b>
<b>Large Thermal Reserves</b>														
<b>-Federal Entities-</b>														
108 BPA - Power Business	172	172	172	172	172	172	172	172	172	172	172	172	172	172
<b>109 Total Federal Entities</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
110 Turlock Irrigation District	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0	8.8	8.8
<b>111 Total Generating Public Entities</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>0</b>	<b>8.8</b>	<b>8.8</b>
<i>-Non-Generating Public Entities-</i>														
<b>112 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Investor-Owned Entities-</i>														
113 Avista Corp (WWP Division)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
114 Idaho Power Company	154	154	154	154	154	154	154	154	154	154	154	119	128	154
115 Northwestern Energy LLC (MPC)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
116 Pacific Power	235	235	235	235	235	235	235	235	235	235	235	182	182	235
117 Portland General Electric	104	104	104	104	104	104	104	104	104	104	104	46	104	104
118 Puget Sound Energy	104	104	104	81	81	105	105	105	105	105	81	105	105	105
119 San Diego Gas & Electric	13	13	13	13	13	13	13	13	13	13	13	0	13	13
120 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	201	201	100	201	201
<b>121 Total Investor-Owned Entities</b>	<b>880</b>	<b>880</b>	<b>880</b>	<b>857</b>	<b>857</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>857</b>	<b>621</b>	<b>801</b>	<b>881</b>
<i>-Other Entities-</i>														
<b>122 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Contract Reserves</b>														
<i>-Federal Entities-</i>														
<b>123 Total Federal Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Generating Public Entities-</i>														
<b>124 Total Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Non-Generating Public Entities-</i>														
<b>125 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Investor-Owned Entities-</i>														
126 Northwestern Energy LLC (MPC)	36	31	30	31	23	31	28	28	19	18	20	39	45	37
127 Pacific Power	24	24	15	20	23	30	21	27	22	22	22	20	25	27
<b>128 Total Investor-Owned Entities</b>	<b>60</b>	<b>55</b>	<b>45</b>	<b>52</b>	<b>46</b>	<b>61</b>	<b>49</b>	<b>55</b>	<b>40</b>	<b>40</b>	<b>42</b>	<b>59</b>	<b>71</b>	<b>64</b>
<i>-Other Entities-</i>														
<b>129 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Capacity Reserves-</i>														
130 Total Hydro Reserves	1648	1636	1651	1645	1653	1635	1605	1617	1620	1590	1580	1586	1659	1655
131 Total Small Thermal & Misc Reserves	383	383	389	378	362	361	370	362	332	339	339	257	345	378
132 Total Large Thermal Reserves	1061	1061	1061	1038	1038	1062	1062	1062	1062	1062	1038	794	983	1062
133 Total Contract Reserves	60	55	45	52	46	61	49	55	40	40	42	59	71	64
<b>134 Total Capacity Reserves</b>	<b>3151</b>	<b>3135</b>	<b>3146</b>	<b>3112</b>	<b>3099</b>	<b>3120</b>	<b>3086</b>	<b>3097</b>	<b>3054</b>	<b>3031</b>	<b>2998</b>	<b>2695</b>	<b>3057</b>	<b>3160</b>

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Hydro Reserves</b>														
<b>-Federal Entities-</b>														
1 BPA - Power Business	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
2 Total Federal Entities	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
<b>-Generating Public Entities-</b>														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	27	27
4 Cowlitz County PUD #1	5.9	5.9	5.6	5.9	5.4	4.9	4.7	4.5	4.6	4.7	4.2	5.1	5.9	5.9
5 Douglas County PUD #1	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 Eugene Water & Electric Board	4.7	4.7	4.7	4.6	4.4	4.4	4.1	4.5	5.6	6.2	6.1	6.5	6.2	5.8
7 Grant County PUD #2	45	45	45	45	45	45	45	45	45	45	45	45	45	45
8 Okanogan County PUD #1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4.1
10 Seattle City Light	84	81	85	80	84	83	48	71	82	81	81	84	92	84
11 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12 Tacoma Public Utilities	38	37	42	36	41	40	36	29	24	26	32	16	40	34
13 Total Generating Public Entities	231	227	236	225	233	230	191	207	215	217	221	210	243	228
<b>-Non-Generating Public Entities-</b>														
14 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clearwater Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Colville Tribes	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20 Energy Northwest	1.5	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21 Fall River Elec Coop	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22 Forest Grove, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
23 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Idaho County L & P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
26 Kittitas County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28 Kootenai Electric Coop	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Lost River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Lower Valley Energy	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 McMinnville, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
33 Milton Freewater, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
34 Northern Lights	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
35 Northern Wasco County PUD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Raft River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Salmon River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 United Electric Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Total Non-Generating Public Entities	8.4	8.4	8.2	8	7.9	8.1	8.1	8.1	8.5	8.5	8.5	8.4	8.4	8.5
<b>-Investor-Owned Entities-</b>														
42 Avista Corp (WWP Division)	57	57	57	57	57	56	56	56	56	56	56	56	56	56
43 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
44 Northwestern Energy LLC (MPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0.1	0.1	0.1
45 Pacific Power	60	60	59	60	58	57	55	52	54	55	54	51	61	61
46 Portland General Electric	51	51	51	51	51	51	51	51	51	51	51	51	51	51
47 Puget Sound Energy	74	74	74	74	74	73	73	71	71	71	71	66	74	74
48 Total Investor-Owned Entities	326	327	323	324	314	313	316	302	310	317	317	311	321	331
<b>-Other Entities-</b>														
49 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
50 Unspecified Marketer	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
51 Warm Springs Power Enterprise	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
52 Total Other Entities	24	24	24	24	24	24	24	24	24	24	24	24	24	24
<b>Small Thermal &amp; Misc. Reserves</b>														
<b>-Federal Entities-</b>														
53 BPA - Power Business	4.0	4.0	4.0	4	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0
54 U.S. Naval Station, Everett (Jim Creek)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	
<i>55 U.S. Naval Submarine Base, Bangor</i>	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
<b>56 Total Federal Entities</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.6</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.6</b>	<b>5.6</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	
<b>-Generating Public Entities-</b>															
<i>57 Chelan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>58 Clark County PUD #1</i>	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
<i>59 Cowlitz County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>60 Douglas County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>61 Eugene Water &amp; Electric Board</i>	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5	
<i>62 Grant County PUD #2</i>	2.3	2.3	2.2	2	1.6	1.6	1.6	1.6	2.0	2.3	2.3	2.4	2.4	2.3	
<i>63 Grays Harbor PUD #1</i>	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	2.5	2.5	3.6	4.7	4.7	
<i>64 Okanogan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>65 Seattle City Light</i>	6	6	3.8	1.4	0.2	0.2	0.5	0.6	1.3	4.4	4.4	6.7	7.1	6.9	
<i>66 Snohomish County PUD #1</i>	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2	
<i>67 Springfield Utility Board</i>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
<i>68 Tacoma Public Utilities</i>	2.7	2.7	1.7	0.8	0	0	0	0	0.2	1.7	1.7	2.4	2.8	3.0	
<b>69 Total Generating Public Entities</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>33</b>	<b>35</b>	<b>32</b>	
<b>-Non-Generating Public Entities-</b>															
<i>70 Ashland, City of</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>71 Benton County PUD #1</i>	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	1.4	1.4	3.9	3.9	3.9	
<i>72 Clallam County PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
<i>73 Clatskanie PUD</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0.6	0.6	
<i>74 Consumers Power</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
<i>75 Emerald County PUD</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
<i>76 Energy Northwest</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>77 Fall River Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>78 Franklin County PUD #1</i>	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.1	1.1	1.5	2.6	2.6	
<i>79 Klickitat County PUD #1</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
<i>80 Lewis County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>81 Mason County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>82 Mason County PUD #3</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>83 Oregon Trail Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>84 Tanner Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>85 Tillamook PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
<b>86 Total Non-Generating Public Entities</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>3.8</b>	<b>3.8</b>	<b>6.1</b>	<b>7.8</b>	<b>7.8</b>	
<b>-Investor-Owned Entities-</b>															
<i>87 Avista Corp (WWP Division)</i>	31	31	31	31	31	31	31	31	31	31	31	7.0	31	31	
<i>88 Idaho Power Company</i>	21	21	20	19	18	17	17	17	18	19	19	20	21	21	
<i>89 Northwestern Energy LLC (MPC)</i>	4.6	4.6	4.6	4.7	4.4	4.5	4.6	4.5	4.3	4.2	4.2	5	4.9	4.7	
<i>90 Pacific Power</i>	29	29	29	29	29	29	28	29	29	29	29	3.6	29	29	
<i>91 Portland General Electric</i>	58	58	58	59	61	61	61	61	61	60	60	39	58	58	
<i>92 Puget Sound Energy</i>	68	68	77	68	54	54	63	54	54	48	48	50	54	59	
<i>93 Trans Alta Utilities Corp</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12	
<i>94 Utah Power</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.3	
<b>95 Total Investor-Owned Entities</b>	<b>224</b>	<b>224</b>	<b>233</b>	<b>224</b>	<b>210</b>	<b>210</b>	<b>218</b>	<b>209</b>	<b>209</b>	<b>204</b>	<b>204</b>	<b>125</b>	<b>212</b>	<b>216</b>	
<b>-Other Entities-</b>															
<i>96 Avista Energy Inc.</i>	14	14	14	14	14	14	14	14	14	0	0	14	14	14	
<i>97 Calpine Power Marketing, Inc.</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12	
<i>98 Chehalis Power Inc.</i>	26	26	26	26	26	26	26	26	26	26	26	26	0	26	
<i>99 FPL Energy Vansycle LLC</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>100 Frederickson Power LP</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>101 Hermiston Power Partnership</i>	32	32	32	32	32	32	32	32	0	32	32	32	32	32	
<i>102 Longview Fibre</i>	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	
<i>103 Mirant Americas Energy Marketing, L.P.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>104 Pacific Klamath Energy</i>	29	29	29	29	29	29	29	29	29	24	24	24	24	29	
<i>105 PPM Energy</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>106 SP Newsprint</i>	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
<b>107 Total Other Entities</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>85</b>	<b>98</b>	<b>98</b>	<b>99</b>	<b>86</b>	<b>117</b>	
<b>Large Thermal Reserves</b>															
<b>-Federal Entities-</b>															
<i>108 BPA - Power Business</i>	172	172	172	172	172	172	172	172	172	172	172	0	0	172	
<b>109 Total Federal Entities</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>0</b>	<b>0</b>	<b>172</b>	

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
110 Turlock Irrigation District	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0	8.8	8.8
<b>111 Total Generating Public Entities</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>0</b>	<b>8.8</b>	<b>8.8</b>
<i>-Non-Generating Public Entities-</i>														
<b>112 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Investor-Owned Entities-</i>														
113 Avista Corp (WWP Division)	34	17	17	34	34	34	34	34	34	34	34	34	34	34
114 Idaho Power Company	154	154	154	154	154	154	154	154	154	128	128	119	154	154
115 Northwestern Energy LLC (MPC)	34	0	0	34	34	34	34	34	34	34	34	34	34	34
116 Pacific Power	235	223	223	235	235	235	235	235	235	182	182	182	235	235
117 Portland General Electric	104	81	81	104	104	104	104	104	104	104	104	46	104	104
118 Puget Sound Energy	105	77	77	105	105	105	105	105	105	105	105	81	81	105
119 San Diego Gas & Electric	13	13	13	13	13	13	13	13	13	13	13	0	13	13
120 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	201	201	100	201	201
<b>121 Total Investor-Owned Entities</b>	<b>881</b>	<b>766</b>	<b>766</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>801</b>	<b>801</b>	<b>597</b>	<b>857</b>	<b>881</b>
<i>-Other Entities-</i>														
<b>122 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<u>Contract Reserves</u>														
<i>-Federal Entities-</i>														
<b>123 Total Federal Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Generating Public Entities-</i>														
<b>124 Total Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Non-Generating Public Entities-</i>														
<b>125 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Investor-Owned Entities-</i>														
126 Northwestern Energy LLC (MPC)	36	61	60	32	24	32	29	29	19	19	21	40	32	38
127 Pacific Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>128 Total Investor-Owned Entities</b>	<b>36</b>	<b>61</b>	<b>60</b>	<b>32</b>	<b>24</b>	<b>32</b>	<b>29</b>	<b>29</b>	<b>19</b>	<b>19</b>	<b>21</b>	<b>40</b>	<b>32</b>	<b>38</b>
<i>-Other Entities-</i>														
<b>129 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Capacity Reserves-</i>														
130 Total Hydro Reserves	1648	1636	1651	1645	1653	1635	1605	1617	1620	1590	1580	1586	1659	1655
131 Total Small Thermal & Misc Reserves	385	386	391	378	362	361	370	362	332	339	339	269	345	378
132 Total Large Thermal Reserves	1062	947	947	1062	1062	1062	1062	1062	1062	983	983	597	866	1062
133 Total Contract Reserves	36	61	60	32	24	32	29	29	19	19	21	40	32	38
<b>134 Total Capacity Reserves</b>	<b>3132</b>	<b>3030</b>	<b>3050</b>	<b>3117</b>	<b>3101</b>	<b>3091</b>	<b>3065</b>	<b>3070</b>	<b>3033</b>	<b>2930</b>	<b>2922</b>	<b>2492</b>	<b>2901</b>	<b>3134</b>



Table A-17: Regional Capacity Reserves  
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 1937 Water Year  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Hydro Reserves</b>														
<b>-Federal Entities-</b>														
1 BPA - Power Business	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
<b>2 Total Federal Entities</b>	<b>1058</b>	<b>1049</b>	<b>1059</b>	<b>1064</b>	<b>1073</b>	<b>1060</b>	<b>1066</b>	<b>1075</b>	<b>1062</b>	<b>1024</b>	<b>1009</b>	<b>1033</b>	<b>1063</b>	<b>1064</b>
<b>-Generating Public Entities-</b>														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	27	27
4 Cowlitz County PUD #1	5.9	5.9	5.6	5.9	5.2	4.6	4.3	4.0	4.1	4.2	3.7	4.6	5.5	5.4
5 Douglas County PUD #1	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 Eugene Water & Electric Board	4.7	4.7	4.7	4.6	4.1	4.1	3.7	4.1	5.2	5.8	5.7	6.1	5.8	5.4
7 Grant County PUD #2	45	45	45	45	43	43	50	50	50	50	50	50	50	50
8 Okanogan County PUD #1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4.1
10 Seattle City Light	84	81	85	80	88	87	51	73	85	84	84	87	95	87
11 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12 Tacoma Public Utilities	38	37	42	36	45	44	39	32	27	29	34	19	43	37
<b>13 Total Generating Public Entities</b>	<b>231</b>	<b>227</b>	<b>236</b>	<b>225</b>	<b>239</b>	<b>236</b>	<b>201</b>	<b>217</b>	<b>225</b>	<b>226</b>	<b>231</b>	<b>220</b>	<b>253</b>	<b>238</b>
<b>-Non-Generating Public Entities-</b>														
14 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clearwater Power	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19 Colville Tribes	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20 Energy Northwest	1.5	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21 Fall River Elec Coop	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 Forest Grove, City of	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
23 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Idaho County L & P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
26 Kittitas County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28 Kootenai Electric Coop	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Lost River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Lower Valley Energy	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
32 McMinnville, City of	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
33 Milton Freewater, City of	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
34 Northern Lights	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
35 Northern Wasco County PUD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Raft River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Salmon River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 United Electric Coop	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>41 Total Non-Generating Public Entities</b>	<b>8.4</b>	<b>8.4</b>	<b>8.2</b>	<b>8</b>	<b>8.1</b>	<b>8.3</b>	<b>8.3</b>	<b>8.3</b>	<b>8.7</b>	<b>8.7</b>	<b>8.7</b>	<b>8.6</b>	<b>8.6</b>	<b>8.7</b>
<b>-Investor-Owned Entities-</b>														
42 Avista Corp (WWP Division)	57	57	57	57	56	56	54	54	54	54	54	54	55	55
43 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
44 Northwestern Energy LLC (MPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0.1	0.1	0.1
45 Pacific Power	60	60	59	60	57	55	52	49	50	52	50	47	57	58
46 Portland General Electric	51	51	51	51	49	49	48	48	48	48	48	48	48	48
47 Puget Sound Energy	74	74	74	74	72	72	71	69	69	69	69	64	72	72
<b>48 Total Investor-Owned Entities</b>	<b>326</b>	<b>327</b>	<b>323</b>	<b>324</b>	<b>309</b>	<b>308</b>	<b>305</b>	<b>292</b>	<b>300</b>	<b>306</b>	<b>307</b>	<b>300</b>	<b>310</b>	<b>320</b>
<b>-Other Entities-</b>														
49 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
50 Unspecified Marketer	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
51 Warm Springs Power Enterprise	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>52 Total Other Entities</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
<b>Small Thermal &amp; Misc. Reserves</b>														
<b>-Federal Entities-</b>														
53 BPA - Power Business	4.0	4.0	4.0	4	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0
54 U.S. Naval Station, Everett (Jim Creek)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
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1937 Water Year  
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Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	
<i>55 U.S. Naval Submarine Base, Bangor</i>	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
<b>56 Total Federal Entities</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.6</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.6</b>	<b>5.6</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	
<b>-Generating Public Entities-</b>															
<i>57 Chelan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>58 Clark County PUD #1</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12	
<i>59 Cowlitz County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>60 Douglas County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>61 Eugene Water &amp; Electric Board</i>	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5	
<i>62 Grant County PUD #2</i>	2.3	2.3	2.2	2	1.6	1.6	1.6	1.6	2.0	2.3	2.3	2.4	2.4	2.3	
<i>63 Grays Harbor PUD #1</i>	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	2.5	2.5	3.6	4.7	4.7	
<i>64 Okanogan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>65 Seattle City Light</i>	6	6	3.8	1.4	0.2	0.2	0.5	0.6	1.3	4.4	4.4	6.7	7.1	6.9	
<i>66 Snohomish County PUD #1</i>	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2	
<i>67 Springfield Utility Board</i>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
<i>68 Tacoma Public Utilities</i>	2.7	2.7	1.7	0.8	0	0	0	0	0.2	1.7	1.7	2.4	2.8	3.0	
<b>69 Total Generating Public Entities</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>21</b>	<b>35</b>	<b>32</b>	
<b>-Non-Generating Public Entities-</b>															
<i>70 Ashland, City of</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>71 Benton County PUD #1</i>	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	1.4	1.4	3.9	3.9	3.9	
<i>72 Clallam County PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
<i>73 Clatskanie PUD</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0.6	0.6	
<i>74 Consumers Power</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
<i>75 Emerald County PUD</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
<i>76 Energy Northwest</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>77 Fall River Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>78 Franklin County PUD #1</i>	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.1	1.1	1.5	2.6	2.6	
<i>79 Klickitat County PUD #1</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
<i>80 Lewis County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>81 Mason County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>82 Mason County PUD #3</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>83 Oregon Trail Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>84 Tanner Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>85 Tillamook PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
<b>86 Total Non-Generating Public Entities</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>3.7</b>	<b>3.7</b>	<b>6.1</b>	<b>7.7</b>	<b>7.7</b>	
<b>-Investor-Owned Entities-</b>															
<i>87 Avista Corp (WWP Division)</i>	31	31	31	31	31	31	31	31	31	31	31	7.0	31	31	
<i>88 Idaho Power Company</i>	21	21	20	19	18	17	17	17	18	19	19	20	21	21	
<i>89 Northwestern Energy LLC (MPC)</i>	4.6	4.6	4.6	4.7	4.5	4.6	4.6	4.5	4.3	4.3	4.3	5.1	5.3	4.7	
<i>90 Pacific Power</i>	29	29	29	29	29	29	28	29	29	29	29	3.6	29	29	
<i>91 Portland General Electric</i>	58	58	58	59	61	61	61	61	61	60	60	39	58	58	
<i>92 Puget Sound Energy</i>	68	58	67	58	44	44	53	44	44	37	37	39	44	49	
<i>93 Trans Alta Utilities Corp</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12	
<i>94 Utah Power</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.3	
<b>95 Total Investor-Owned Entities</b>	<b>224</b>	<b>214</b>	<b>223</b>	<b>213</b>	<b>200</b>	<b>199</b>	<b>207</b>	<b>199</b>	<b>199</b>	<b>194</b>	<b>194</b>	<b>115</b>	<b>202</b>	<b>205</b>	
<b>-Other Entities-</b>															
<i>96 Avista Energy Inc.</i>	14	14	14	14	14	14	14	14	14	0	0	14	14	14	
<i>97 Calpine Power Marketing, Inc.</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12	
<i>98 Chehalis Power Inc.</i>	26	26	26	26	26	26	26	26	26	26	26	26	0	26	
<i>99 FPL Energy Vansycle LLC</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>100 Frederickson Power LP</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>101 Hermiston Power Partnership</i>	32	32	32	32	32	32	32	32	32	32	32	32	32	32	
<i>102 Longview Fibre</i>	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	
<i>103 Mirant Americas Energy Marketing, L.P.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>104 Pacific Klamath Energy</i>	29	29	29	29	29	29	29	29	29	24	24	24	24	29	
<i>105 PPM Energy</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>106 SP Newsprint</i>	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
<b>107 Total Other Entities</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>85</b>	<b>98</b>	<b>98</b>	<b>99</b>	<b>86</b>	<b>117</b>	
<b>Large Thermal Reserves</b>															
<b>-Federal Entities-</b>															
<i>108 BPA - Power Business</i>	172	172	172	172	172	172	172	172	172	172	172	172	172	172	
<b>109 Total Federal Entities</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Generating Public Entities-</b>														
110 Turlock Irrigation District	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0	8.8	8.8
<b>111 Total Generating Public Entities</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>0</b>	<b>8.8</b>	<b>8.8</b>
<b>-Non-Generating Public Entities-</b>														
<b>112 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Investor-Owned Entities-</b>														
113 Avista Corp (WWP Division)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
114 Idaho Power Company	154	154	154	154	154	154	154	154	154	154	154	145	128	154
115 Northwestern Energy LLC (MPC)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
116 Pacific Power	235	235	235	235	235	235	235	235	235	235	235	235	182	235
117 Portland General Electric	104	104	104	104	104	104	104	104	104	104	104	46	104	104
118 Puget Sound Energy	105	105	105	105	105	105	105	105	105	105	105	105	105	105
119 San Diego Gas & Electric	13	13	13	13	13	13	13	13	13	13	13	0	13	13
120 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	100	100	201	201	201
<b>121 Total Investor-Owned Entities</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>780</b>	<b>780</b>	<b>801</b>	<b>801</b>	<b>881</b>
<b>-Other Entities-</b>														
<b>122 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Contract Reserves</b>														
<b>-Federal Entities-</b>														
<b>123 Total Federal Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Generating Public Entities-</b>														
<b>124 Total Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Non-Generating Public Entities-</b>														
<b>125 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Investor-Owned Entities-</b>														
126 Northwestern Energy LLC (MPC)	37	32	32	33	24	33	30	30	20	19	22	40	47	39
<b>127 Total Investor-Owned Entities</b>	<b>37</b>	<b>32</b>	<b>32</b>	<b>33</b>	<b>24</b>	<b>33</b>	<b>30</b>	<b>30</b>	<b>20</b>	<b>19</b>	<b>22</b>	<b>40</b>	<b>47</b>	<b>39</b>
<b>-Other Entities-</b>														
<b>128 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Capacity Reserves-</b>														
129 Total Hydro Reserves	1648	1636	1651	1645	1653	1635	1605	1617	1620	1590	1580	1586	1659	1655
130 Total Small Thermal & Misc Reserves	385	375	381	368	352	351	359	351	321	329	328	246	335	367
131 Total Large Thermal Reserves	1062	1062	1062	1062	1062	1062	1062	1062	1062	962	962	974	983	1062
132 Total Contract Reserves	37	32	32	33	24	33	30	30	20	19	22	40	47	39
<b>133 Total Capacity Reserves</b>	<b>3132</b>	<b>3105</b>	<b>3125</b>	<b>3107</b>	<b>3092</b>	<b>3081</b>	<b>3056</b>	<b>3061</b>	<b>3023</b>	<b>2900</b>	<b>2891</b>	<b>2846</b>	<b>3024</b>	<b>3124</b>

Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
2010 - 2011 Operating Year  
1937 Water Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<u>Hydro Reserves</u>														
<u>-Federal Entities-</u>														
1 BPA - Power Business	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
<b>2 Total Federal Entities</b>	<b>1058</b>	<b>1049</b>	<b>1059</b>	<b>1064</b>	<b>1073</b>	<b>1060</b>	<b>1066</b>	<b>1075</b>	<b>1062</b>	<b>1024</b>	<b>1009</b>	<b>1033</b>	<b>1063</b>	<b>1064</b>
<u>-Generating Public Entities-</u>														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	27	27
4 Cowlitz County PUD #1	5.4	5.4	5.1	5.4	4.9	4.4	4.3	4.0	4.1	4.2	3.7	4.6	5.4	5.4
5 Douglas County PUD #1	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 Eugene Water & Electric Board	4.3	4.3	4.3	4.2	4.0	3.9	3.7	4.1	5.2	5.8	5.7	6	5.8	5.4
7 Grant County PUD #2	50	50	50	50	51	51	51	51	51	51	51	51	51	51
8 Okanogan County PUD #1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4.1
10 Seattle City Light	87	84	88	82	87	86	51	73	85	84	84	87	95	87
11 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12 Tacoma Public Utilities	41	40	45	39	44	43	39	32	27	29	34	19	43	37
<b>13 Total Generating Public Entities</b>	<b>241</b>	<b>237</b>	<b>246</b>	<b>235</b>	<b>243</b>	<b>241</b>	<b>201</b>	<b>217</b>	<b>225</b>	<b>227</b>	<b>231</b>	<b>220</b>	<b>253</b>	<b>238</b>
<u>-Non-Generating Public Entities-</u>														
14 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clearwater Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19 Colville Tribes	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20 Energy Northwest	1.5	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21 Fall River Elec Coop	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 Forest Grove, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
23 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Idaho County L & P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
26 Kittitas County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28 Kootenai Electric Coop	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Lost River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Lower Valley Energy	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
32 McMinnville, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
33 Milton Freewater, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
34 Northern Lights	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
35 Northern Wasco County PUD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Raft River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Salmon River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 United Electric Coop	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>41 Total Non-Generating Public Entities</b>	<b>8.5</b>	<b>8.5</b>	<b>8.3</b>	<b>8.2</b>	<b>8.1</b>	<b>8.3</b>	<b>8.3</b>	<b>8.3</b>	<b>8.7</b>	<b>8.7</b>	<b>8.7</b>	<b>8.6</b>	<b>8.6</b>	<b>8.7</b>
<u>-Investor-Owned Entities-</u>														
42 Avista Corp (WWP Division)	55	55	55	55	55	55	54	54	54	54	54	54	55	55
43 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
44 Northwestern Energy LLC (MPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0.1	0.1	0.1	0.1
45 Pacific Power	57	57	56	57	55	54	52	49	50	52	50	47	57	58
46 Portland General Electric	48	48	48	48	48	48	48	48	48	48	48	48	48	48
47 Puget Sound Energy	72	72	72	72	72	71	71	69	69	69	69	64	72	72
<b>48 Total Investor-Owned Entities</b>	<b>316</b>	<b>316</b>	<b>313</b>	<b>313</b>	<b>304</b>	<b>303</b>	<b>305</b>	<b>292</b>	<b>300</b>	<b>306</b>	<b>306</b>	<b>300</b>	<b>310</b>	<b>320</b>
<u>-Other Entities-</u>														
49 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
50 Unspecified Marketer	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
51 Warm Springs Power Enterprise	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>52 Total Other Entities</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
<u>Small Thermal &amp; Misc. Reserves</u>														
<u>-Federal Entities-</u>														
53 BPA - Power Business	4.0	4.0	4.0	4	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0
54 U.S. Naval Station, Everett (Jim Creek)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
2010 - 2011 Operating Year  
1937 Water Year  
[27] 2004 White Book

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 U.S. Naval Submarine Base, Bangor	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>56 Total Federal Entities</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.6</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.6</b>	<b>5.6</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>
<b>-Generating Public Entities-</b>														
57 Chelan County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Clark County PUD #1	12	12	12	12	12	12	12	12	12	12	12	0	12	12
59 Cowlitz County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Douglas County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Eugene Water & Electric Board	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
62 Grant County PUD #2	2.3	2.3	2.2	2	1.6	1.6	1.6	1.6	2.0	2.3	2.3	2.4	2.4	2.3
63 Grays Harbor PUD #1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	2.5	2.5	3.6	4.7	4.7
64 Okanogan County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Seattle City Light	6	6	3.8	1.4	0.2	0.2	0.5	0.6	1.3	4.4	4.4	6.7	7.1	6.9
66 Snohomish County PUD #1	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2
67 Springfield Utility Board	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
68 Tacoma Public Utilities	2.7	2.7	1.7	0.8	0	0	0	0	0.2	1.7	1.7	2.4	2.8	3.0
<b>69 Total Generating Public Entities</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>21</b>	<b>35</b>	<b>32</b>
<b>-Non-Generating Public Entities-</b>														
70 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71 Benton County PUD #1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	1.4	1.4	3.9	3.9	3.9
72 Clallam County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
73 Clatskanie PUD	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0.6	0.6
74 Consumers Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75 Emerald County PUD	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
76 Energy Northwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Fall River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Franklin County PUD #1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.1	1.1	1.5	2.6	2.6
79 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Mason County PUD #3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Oregon Trail Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Tillamook PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>86 Total Non-Generating Public Entities</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>3.7</b>	<b>3.7</b>	<b>6.1</b>	<b>7.7</b>	<b>7.7</b>
<b>-Investor-Owned Entities-</b>														
87 Avista Corp (WWP Division)	31	31	31	31	31	31	31	31	31	31	31	7.0	31	31
88 Idaho Power Company	21	21	20	19	18	17	17	17	18	19	19	20	21	21
89 Northwestern Energy LLC (MPC)	4.6	4.6	4.6	4.7	4.9	5.0	5.0	4.9	4.7	4.7	4.7	5.1	4.9	4.7
90 Pacific Power	29	29	29	29	29	29	28	29	29	29	29	3.6	29	29
91 Portland General Electric	58	58	58	59	61	61	61	61	61	60	60	39	58	58
92 Puget Sound Energy	58	58	67	68	54	54	63	54	54	48	48	50	54	59
93 Trans Alta Utilities Corp	12	12	12	12	12	12	12	12	12	12	12	0	12	12
94 Utah Power	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.3
<b>95 Total Investor-Owned Entities</b>	<b>213</b>	<b>214</b>	<b>223</b>	<b>224</b>	<b>210</b>	<b>210</b>	<b>218</b>	<b>210</b>	<b>210</b>	<b>205</b>	<b>205</b>	<b>125</b>	<b>212</b>	<b>216</b>
<b>-Other Entities-</b>														
96 Avista Energy Inc.	14	14	14	14	14	14	14	14	14	0	0	14	14	14
97 Calpine Power Marketing, Inc.	12	12	12	12	12	12	12	12	12	12	12	0	12	12
98 Chehalis Power Inc.	26	26	26	26	26	26	26	26	26	26	26	26	0	26
99 FPL Energy Vansycle LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Frederickson Power LP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Hermiston Power Partnership	32	32	32	32	32	32	32	32	0	32	32	32	32	32
102 Longview Fibre	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
103 Mirant Americas Energy Marketing, L.P.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Pacific Klamath Energy	29	29	29	29	29	29	29	29	29	24	24	24	24	29
105 PPM Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 SP Newsprint	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>107 Total Other Entities</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>85</b>	<b>98</b>	<b>98</b>	<b>99</b>	<b>86</b>	<b>117</b>
<b>Large Thermal Reserves</b>														
<b>-Federal Entities-</b>														
108 BPA - Power Business	172	172	172	172	172	172	172	172	172	172	172	0	0	172
<b>109 Total Federal Entities</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>0</b>	<b>0</b>	<b>172</b>

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Generating Public Entities-</b>														
110 Turlock Irrigation District	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0	8.8	8.8
<b>111 Total Generating Public Entities</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>0</b>	<b>8.8</b>	<b>8.8</b>
<b>-Non-Generating Public Entities-</b>														
<b>112 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Investor-Owned Entities-</b>														
113 Avista Corp (WWP Division)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
114 Idaho Power Company	154	154	154	154	154	154	154	154	154	128	128	119	154	154
115 Northwestern Energy LLC (MPC)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
116 Pacific Power	235	235	235	235	235	235	235	235	235	182	182	182	235	235
117 Portland General Electric	104	104	104	104	104	104	104	104	104	104	104	46	104	104
118 Puget Sound Energy	105	105	105	105	105	105	105	105	105	105	105	105	105	105
119 San Diego Gas & Electric	13	13	13	13	13	13	13	13	13	13	13	0	13	13
120 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	100	100	201	201	201
<b>121 Total Investor-Owned Entities</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>701</b>	<b>701</b>	<b>722</b>	<b>881</b>	<b>881</b>
<b>-Other Entities-</b>														
<b>122 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Contract Reserves</b>														
<b>-Federal Entities-</b>														
<b>123 Total Federal Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Generating Public Entities-</b>														
<b>124 Total Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Non-Generating Public Entities-</b>														
<b>125 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Investor-Owned Entities-</b>														
126 Northwestern Energy LLC (MPC)	38	33	33	33	40	49	31	31	21	20	22	27	33	25
<b>127 Total Investor-Owned Entities</b>	<b>38</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>40</b>	<b>49</b>	<b>31</b>	<b>31</b>	<b>21</b>	<b>20</b>	<b>22</b>	<b>27</b>	<b>33</b>	<b>25</b>
<b>-Other Entities-</b>														
<b>128 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Capacity Reserves-</b>														
129 Total Hydro Reserves	1648	1636	1651	1645	1653	1635	1605	1617	1620	1590	1580	1586	1659	1655
130 Total Small Thermal & Misc Reserves	375	375	381	378	363	361	370	362	332	340	339	257	345	378
131 Total Large Thermal Reserves	1062	1062	1062	1062	1062	1062	1062	1062	1062	882	882	722	890	1062
132 Total Contract Reserves	38	33	33	33	40	49	31	31	21	20	22	27	33	25
<b>133 Total Capacity Reserves</b>	<b>3123</b>	<b>3106</b>	<b>3126</b>	<b>3118</b>	<b>3118</b>	<b>3108</b>	<b>3068</b>	<b>3073</b>	<b>3035</b>	<b>2832</b>	<b>2823</b>	<b>2591</b>	<b>2927</b>	<b>3121</b>

Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
2011 - 2012 Operating Year  
1937 Water Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<u>Hydro Reserves</u>														
<i>-Federal Entities-</i>														
1 BPA - Power Business	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
<b>2 Total Federal Entities</b>	<b>1058</b>	<b>1049</b>	<b>1059</b>	<b>1064</b>	<b>1073</b>	<b>1060</b>	<b>1066</b>	<b>1075</b>	<b>1062</b>	<b>1024</b>	<b>1009</b>	<b>1033</b>	<b>1063</b>	<b>1064</b>
<i>-Generating Public Entities-</i>														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	27	27
4 Cowlitz County PUD #1	5.4	5.4	5.1	5.4	4.9	4.4	4.3	4.0	4.1	4.2	3.7	4.6	5.4	5.4
5 Douglas County PUD #1	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 Eugene Water & Electric Board	4.3	4.3	4.3	4.2	4.0	3.9	3.7	4.1	5.2	5.8	5.7	6	5.8	5.4
7 Grant County PUD #2	51	51	51	51	51	51	51	51	51	51	51	51	51	51
8 Okanogan County PUD #1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4.1
10 Seattle City Light	87	84	88	82	87	86	50	73	85	84	84	87	95	87
11 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12 Tacoma Public Utilities	41	40	45	39	44	43	39	32	27	29	34	19	43	37
<b>13 Total Generating Public Entities</b>	<b>241</b>	<b>237</b>	<b>246</b>	<b>235</b>	<b>244</b>	<b>241</b>	<b>202</b>	<b>218</b>	<b>225</b>	<b>227</b>	<b>231</b>	<b>221</b>	<b>254</b>	<b>238</b>
<i>-Non-Generating Public Entities-</i>														
14 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clearwater Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19 Colville Tribes	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20 Energy Northwest	1.5	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21 Fall River Elec Coop	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 Forest Grove, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
23 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Idaho County L & P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
26 Kittitas County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28 Kootenai Electric Coop	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Lost River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Lower Valley Energy	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
32 McMinnville, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
33 Milton Freewater, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
34 Northern Lights	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
35 Northern Wasco County PUD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Raft River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Salmon River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 United Electric Coop	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>41 Total Non-Generating Public Entities</b>	<b>8.5</b>	<b>8.5</b>	<b>8.3</b>	<b>8.2</b>	<b>8.1</b>	<b>8.3</b>	<b>8.3</b>	<b>8.3</b>	<b>8.7</b>	<b>8.7</b>	<b>8.7</b>	<b>8.6</b>	<b>8.6</b>	<b>8.7</b>
<i>-Investor-Owned Entities-</i>														
42 Avista Corp (WWP Division)	55	55	55	55	55	55	54	54	54	54	54	54	55	55
43 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
44 Northwestern Energy LLC (MPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0.1	0.1	0.1	0.1
45 Pacific Power	57	57	56	56	55	54	51	49	50	51	50	47	57	58
46 Portland General Electric	48	48	48	48	48	48	48	48	48	48	48	48	48	48
47 Puget Sound Energy	72	72	72	72	71	71	71	69	69	69	69	64	72	72
<b>48 Total Investor-Owned Entities</b>	<b>315</b>	<b>316</b>	<b>313</b>	<b>313</b>	<b>304</b>	<b>302</b>	<b>305</b>	<b>292</b>	<b>300</b>	<b>306</b>	<b>306</b>	<b>300</b>	<b>310</b>	<b>320</b>
<i>-Other Entities-</i>														
49 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
50 Unspecified Marketer	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
51 Warm Springs Power Enterprise	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>52 Total Other Entities</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
<u>Small Thermal &amp; Misc. Reserves</u>														
<i>-Federal Entities-</i>														
53 BPA - Power Business	4.0	4.0	4.0	4	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0
54 U.S. Naval Station, Everett (Jim Creek)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
2011 - 2012 Operating Year  
1937 Water Year  
[27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>55 U.S. Naval Submarine Base, Bangor</i>	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>56 Total Federal Entities</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.6</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.6</b>	<b>5.6</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>
<b>-Generating Public Entities-</b>														
<i>57 Chelan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>58 Clark County PUD #1</i>	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<i>59 Cowlitz County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>60 Douglas County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>61 Eugene Water &amp; Electric Board</i>	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
<i>62 Grant County PUD #2</i>	2.3	2.3	2.2	2	1.6	1.6	1.6	1.6	2.0	2.3	2.3	2.4	2.4	2.3
<i>63 Grays Harbor PUD #1</i>	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	2.5	2.5	3.6	4.7	4.7
<i>64 Okanogan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>65 Seattle City Light</i>	6	6	3.8	1.4	0.2	0.2	0.5	0.6	1.3	4.4	4.4	6.7	7.1	6.9
<i>66 Snohomish County PUD #1</i>	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2
<i>67 Springfield Utility Board</i>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<i>68 Tacoma Public Utilities</i>	2.7	2.7	1.7	0.8	0	0	0	0	0.2	1.7	1.7	2.4	2.8	3.0
<b>69 Total Generating Public Entities</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>33</b>	<b>35</b>	<b>32</b>
<b>-Non-Generating Public Entities-</b>														
<i>70 Ashland, City of</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>71 Benton County PUD #1</i>	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	1.4	1.4	3.9	3.9	3.9
<i>72 Clallam County PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>73 Clatskanie PUD</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0.6	0.6
<i>74 Consumers Power</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>75 Emerald County PUD</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>76 Energy Northwest</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>77 Fall River Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>78 Franklin County PUD #1</i>	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.1	1.1	1.5	2.6	2.6
<i>79 Klickitat County PUD #1</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>80 Lewis County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>81 Mason County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>82 Mason County PUD #3</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>83 Oregon Trail Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>84 Tanner Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>85 Tillamook PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>86 Total Non-Generating Public Entities</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>3.7</b>	<b>3.7</b>	<b>6.1</b>	<b>7.7</b>	<b>7.7</b>
<b>-Investor-Owned Entities-</b>														
<i>87 Avista Corp (WWP Division)</i>	31	31	31	31	31	31	31	31	31	31	31	7.0	31	31
<i>88 Idaho Power Company</i>	21	21	20	19	18	17	17	17	18	19	19	20	21	21
<i>89 Northwestern Energy LLC (MPC)</i>	4.6	4.6	4.6	4.7	4.9	5.0	5.0	4.9	4.8	4.7	4.7	5.1	4.9	4.7
<i>90 Pacific Power</i>	29	29	29	29	29	29	28	29	29	29	29	3.6	29	29
<i>91 Portland General Electric</i>	58	58	58	59	61	61	61	61	61	60	60	39	58	58
<i>92 Puget Sound Energy</i>	68	68	77	68	54	54	63	54	54	48	48	50	54	59
<i>93 Trans Alta Utilities Corp</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>94 Utah Power</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.3
<b>95 Total Investor-Owned Entities</b>	<b>224</b>	<b>224</b>	<b>233</b>	<b>224</b>	<b>210</b>	<b>210</b>	<b>218</b>	<b>210</b>	<b>210</b>	<b>205</b>	<b>205</b>	<b>125</b>	<b>212</b>	<b>216</b>
<b>-Other Entities-</b>														
<i>96 Avista Energy Inc.</i>	14	14	14	14	14	14	14	14	14	0	0	14	14	14
<i>97 Calpine Power Marketing, Inc.</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>98 Chehalis Power Inc.</i>	26	26	26	26	26	26	26	26	26	26	26	26	0	26
<i>99 FPL Energy Vansycle LLC</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>100 Frederickson Power LP</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>101 Hermiston Power Partnership</i>	32	32	32	32	32	32	32	32	32	32	32	32	32	32
<i>102 Longview Fibre</i>	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
<i>103 Mirant Americas Energy Marketing, L.P.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>104 Pacific Klamath Energy</i>	29	29	29	29	29	29	29	29	29	24	24	24	24	29
<i>105 PPM Energy</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>106 SP Newsprint</i>	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>107 Total Other Entities</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>85</b>	<b>98</b>	<b>98</b>	<b>99</b>	<b>86</b>	<b>117</b>
<b>Large Thermal Reserves</b>														
<b>-Federal Entities-</b>														
<i>108 BPA - Power Business</i>	172	172	172	172	172	172	172	172	172	172	172	172	172	172
<b>109 Total Federal Entities</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>



Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Generating Public Entities-</b>														
110 Turlock Irrigation District	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0	8.8	8.8
<b>111 Total Generating Public Entities</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>0</b>	<b>8.8</b>	<b>8.8</b>
<b>-Non-Generating Public Entities-</b>														
<b>112 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Investor-Owned Entities-</b>														
113 Avista Corp (WWP Division)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
114 Idaho Power Company	154	154	154	154	154	154	154	154	154	154	154	119	154	154
115 Northwestern Energy LLC (MPC)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
116 Pacific Power	235	235	235	235	235	235	235	235	235	235	235	182	235	235
117 Portland General Electric	104	104	104	104	104	104	104	104	104	104	104	46	104	104
118 Puget Sound Energy	105	105	105	105	105	105	105	105	105	105	105	105	105	105
119 San Diego Gas & Electric	13	13	13	13	13	13	13	13	13	13	13	0	13	13
120 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	201	201	100	201	201
<b>121 Total Investor-Owned Entities</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>621</b>	<b>881</b>	<b>881</b>
<b>-Other Entities-</b>														
<b>122 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Contract Reserves</b>														
<b>-Federal Entities-</b>														
<b>123 Total Federal Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Generating Public Entities-</b>														
<b>124 Total Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Non-Generating Public Entities-</b>														
<b>125 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Investor-Owned Entities-</b>														
126 Northwestern Energy LLC (MPC)	24	19	19	20	26	35	32	32	22	21	23	28	34	26
<b>127 Total Investor-Owned Entities</b>	<b>24</b>	<b>19</b>	<b>19</b>	<b>20</b>	<b>26</b>	<b>35</b>	<b>32</b>	<b>32</b>	<b>22</b>	<b>21</b>	<b>23</b>	<b>28</b>	<b>34</b>	<b>26</b>
<b>-Other Entities-</b>														
<b>128 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Capacity Reserves-</b>														
129 Total Hydro Reserves	1648	1636	1651	1645	1653	1635	1605	1617	1620	1590	1580	1586	1659	1655
130 Total Small Thermal & Misc Reserves	385	386	391	378	363	361	370	362	332	340	339	269	345	378
131 Total Large Thermal Reserves	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062	794	1062	1062
132 Total Contract Reserves	24	19	19	20	26	35	32	32	22	21	23	28	34	26
<b>133 Total Capacity Reserves</b>	<b>3119</b>	<b>3103</b>	<b>3123</b>	<b>3104</b>	<b>3104</b>	<b>3094</b>	<b>3069</b>	<b>3074</b>	<b>3036</b>	<b>3013</b>	<b>3004</b>	<b>2676</b>	<b>3101</b>	<b>3122</b>

Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
2012 - 2013 Operating Year  
1937 Water Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Hydro Reserves</b>														
<b>-Federal Entities-</b>														
1 BPA - Power Business	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
<b>2 Total Federal Entities</b>	<b>1058</b>	<b>1049</b>	<b>1059</b>	<b>1064</b>	<b>1073</b>	<b>1060</b>	<b>1066</b>	<b>1075</b>	<b>1062</b>	<b>1024</b>	<b>1009</b>	<b>1033</b>	<b>1063</b>	<b>1064</b>
<b>-Generating Public Entities-</b>														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	27	27
4 Cowlitz County PUD #1	5.4	5.4	5.1	5.4	4.9	4.4	4.2	3.9	4.1	4.1	3.7	4.5	5.4	5.3
5 Douglas County PUD #1	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 Eugene Water & Electric Board	4.3	4.3	4.3	4.2	3.9	3.9	3.7	4	5.2	5.7	5.7	6	5.8	5.4
7 Grant County PUD #2	51	51	51	51	52	52	52	52	52	52	52	52	52	52
8 Okanogan County PUD #1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4.1
10 Seattle City Light	87	84	88	82	87	85	50	73	85	84	84	87	95	87
11 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12 Tacoma Public Utilities	41	40	45	39	43	43	39	32	27	29	34	19	43	37
<b>13 Total Generating Public Entities</b>	<b>242</b>	<b>238</b>	<b>246</b>	<b>235</b>	<b>244</b>	<b>241</b>	<b>202</b>	<b>218</b>	<b>226</b>	<b>227</b>	<b>232</b>	<b>221</b>	<b>254</b>	<b>239</b>
<b>-Non-Generating Public Entities-</b>														
14 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clearwater Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19 Colville Tribes	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20 Energy Northwest	1.5	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21 Fall River Elec Coop	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 Forest Grove, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
23 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Idaho County L & P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
26 Kittitas County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28 Kootenai Electric Coop	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Lost River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Lower Valley Energy	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
32 McMinnville, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
33 Milton Freewater, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
34 Northern Lights	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
35 Northern Wasco County PUD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Raft River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Salmon River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 United Electric Coop	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>41 Total Non-Generating Public Entities</b>	<b>8.5</b>	<b>8.5</b>	<b>8.3</b>	<b>8.2</b>	<b>8.1</b>	<b>8.3</b>	<b>8.3</b>	<b>8.3</b>	<b>8.7</b>	<b>8.7</b>	<b>8.7</b>	<b>8.6</b>	<b>8.6</b>	<b>8.7</b>
<b>-Investor-Owned Entities-</b>														
42 Avista Corp (WWP Division)	55	55	55	55	55	55	54	54	54	54	54	54	55	55
43 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
44 Northwestern Energy LLC (MPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0.1	0.1	0.1	0.1
45 Pacific Power	57	57	56	56	55	54	51	49	50	51	50	47	57	58
46 Portland General Electric	48	48	48	48	47	47	48	47	47	47	47	47	47	47
47 Puget Sound Energy	72	72	72	72	71	71	70	69	69	69	69	64	72	72
<b>48 Total Investor-Owned Entities</b>	<b>315</b>	<b>316</b>	<b>313</b>	<b>313</b>	<b>303</b>	<b>302</b>	<b>304</b>	<b>291</b>	<b>299</b>	<b>306</b>	<b>306</b>	<b>299</b>	<b>309</b>	<b>319</b>
<b>-Other Entities-</b>														
49 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
50 Unspecified Marketer	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
51 Warm Springs Power Enterprise	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>52 Total Other Entities</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
<b>Small Thermal &amp; Misc. Reserves</b>														
<b>-Federal Entities-</b>														
53 BPA - Power Business	4.0	4.0	4.0	4	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0
54 U.S. Naval Station, Everett (Jim Creek)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
2012 - 2013 Operating Year  
1937 Water Year  
[27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>55 U.S. Naval Submarine Base, Bangor</i>	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>56 Total Federal Entities</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.6</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.6</b>	<b>5.6</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>
<b>-Generating Public Entities-</b>														
<i>57 Chelan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>58 Clark County PUD #1</i>	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<i>59 Cowlitz County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>60 Douglas County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>61 Eugene Water &amp; Electric Board</i>	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
<i>62 Grant County PUD #2</i>	2.3	2.3	2.2	2	1.6	1.6	1.6	1.6	2.0	2.3	2.3	2.4	2.4	2.3
<i>63 Grays Harbor PUD #1</i>	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	2.5	2.5	3.6	4.7	4.7
<i>64 Okanogan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>65 Seattle City Light</i>	6	6	3.8	1.4	0.2	0.2	0.5	0.6	1.3	4.4	4.4	6.7	7.1	6.9
<i>66 Snohomish County PUD #1</i>	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2
<i>67 Springfield Utility Board</i>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<i>68 Tacoma Public Utilities</i>	2.7	2.7	1.7	0.8	0	0	0	0	0.2	1.7	1.7	2.4	2.8	3.0
<b>69 Total Generating Public Entities</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>33</b>	<b>35</b>	<b>32</b>
<b>-Non-Generating Public Entities-</b>														
<i>70 Ashland, City of</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>71 Benton County PUD #1</i>	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	1.4	1.4	3.9	3.9	3.9
<i>72 Clallam County PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>73 Clatskanie PUD</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0.6	0.6
<i>74 Consumers Power</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>75 Emerald County PUD</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>76 Energy Northwest</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>77 Fall River Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>78 Franklin County PUD #1</i>	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.1	1.1	1.5	2.6	2.6
<i>79 Klickitat County PUD #1</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>80 Lewis County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>81 Mason County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>82 Mason County PUD #3</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>83 Oregon Trail Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>84 Tanner Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>85 Tillamook PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>86 Total Non-Generating Public Entities</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>3.7</b>	<b>3.7</b>	<b>6.1</b>	<b>7.7</b>	<b>7.7</b>
<b>-Investor-Owned Entities-</b>														
<i>87 Avista Corp (WWP Division)</i>	31	31	31	31	31	31	31	31	31	31	31	7.0	31	31
<i>88 Idaho Power Company</i>	21	21	20	19	18	17	17	17	18	19	19	20	21	21
<i>89 Northwestern Energy LLC (MPC)</i>	4.6	4.6	4.7	4.8	4.9	5.0	5	4.9	4.8	4.7	4.7	5.1	5.3	4.8
<i>90 Pacific Power</i>	29	29	29	29	29	29	28	29	29	29	29	3.6	29	29
<i>91 Portland General Electric</i>	58	58	58	59	61	61	61	61	61	60	60	39	58	58
<i>92 Puget Sound Energy</i>	68	68	77	68	54	54	63	54	54	48	48	50	54	59
<i>93 Trans Alta Utilities Corp</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>94 Utah Power</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.3
<b>95 Total Investor-Owned Entities</b>	<b>224</b>	<b>224</b>	<b>233</b>	<b>224</b>	<b>210</b>	<b>210</b>	<b>218</b>	<b>210</b>	<b>210</b>	<b>205</b>	<b>205</b>	<b>125</b>	<b>212</b>	<b>216</b>
<b>-Other Entities-</b>														
<i>96 Avista Energy Inc.</i>	14	14	14	14	14	14	14	14	14	0	0	14	14	14
<i>97 Calpine Power Marketing, Inc.</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>98 Chehalis Power Inc.</i>	26	26	26	26	26	26	26	26	26	26	26	26	0	26
<i>99 FPL Energy Vansycle LLC</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>100 Frederickson Power LP,</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>101 Hermiston Power Partnership</i>	32	32	32	32	32	32	32	32	0	32	32	32	32	32
<i>102 Longview Fibre</i>	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
<i>103 Mirant Americas Energy Marketing, L.P.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>104 Pacific Klamath Energy</i>	29	29	29	29	29	29	29	29	29	24	24	24	24	29
<i>105 PPM Energy</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>106 SP Newsprint</i>	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>107 Total Other Entities</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>85</b>	<b>98</b>	<b>98</b>	<b>99</b>	<b>86</b>	<b>117</b>
<b>Large Thermal Reserves</b>														
<b>-Federal Entities-</b>														
<i>108 BPA - Power Business</i>	172	172	172	172	172	172	172	172	172	172	172	0	0	172
<b>109 Total Federal Entities</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>0</b>	<b>0</b>	<b>172</b>

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Generating Public Entities-</b>														
110 Turlock Irrigation District	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0	8.8	8.8
<b>111 Total Generating Public Entities</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>0</b>	<b>8.8</b>	<b>8.8</b>
<b>-Non-Generating Public Entities-</b>														
<b>112 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Investor-Owned Entities-</b>														
113 Avista Corp (WWP Division)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
114 Idaho Power Company	154	154	154	154	154	154	154	154	154	128	101	145	154	154
115 Northwestern Energy LLC (MPC)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
116 Pacific Power	235	235	235	235	235	235	235	235	235	182	129	235	235	235
117 Portland General Electric	104	104	104	104	104	104	104	104	104	104	104	46	104	104
118 Puget Sound Energy	105	105	105	105	105	105	105	105	105	105	105	105	105	105
119 San Diego Gas & Electric	13	13	13	13	13	13	13	13	13	13	13	0	13	13
120 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	201	201	100	201	201
<b>121 Total Investor-Owned Entities</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>801</b>	<b>722</b>	<b>701</b>	<b>881</b>	<b>881</b>
<b>-Other Entities-</b>														
<b>122 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Contract Reserves</b>														
<b>-Federal Entities-</b>														
<b>123 Total Federal Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Generating Public Entities-</b>														
<b>124 Total Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Non-Generating Public Entities-</b>														
<b>125 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Investor-Owned Entities-</b>														
126 Northwestern Energy LLC (MPC)	25	20	20	20	27	36	33	33	23	22	24	29	35	27
<b>127 Total Investor-Owned Entities</b>	<b>25</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>27</b>	<b>36</b>	<b>33</b>	<b>33</b>	<b>23</b>	<b>22</b>	<b>24</b>	<b>29</b>	<b>35</b>	<b>27</b>
<b>-Other Entities-</b>														
<b>128 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Capacity Reserves-</b>														
129 Total Hydro Reserves	1648	1636	1651	1645	1653	1635	1605	1617	1620	1590	1580	1586	1659	1655
130 Total Small Thermal & Misc Reserves	385	386	391	378	363	361	370	362	332	340	339	269	346	378
131 Total Large Thermal Reserves	1062	1062	1062	1062	1062	1062	1062	1062	1062	983	903	701	890	1062
132 Total Contract Reserves	25	20	20	20	27	36	33	33	23	22	24	29	35	27
<b>133 Total Capacity Reserves</b>	<b>3120</b>	<b>3104</b>	<b>3124</b>	<b>3105</b>	<b>3105</b>	<b>3095</b>	<b>3070</b>	<b>3074</b>	<b>3037</b>	<b>2934</b>	<b>2846</b>	<b>2584</b>	<b>2930</b>	<b>3123</b>

Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
2013 - 2014 Operating Year  
1937 Water Year  
[27] 2004 White Book

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Hydro Reserves</b>														
<b>-Federal Entities-</b>														
1 BPA - Power Business	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
<b>2 Total Federal Entities</b>	<b>1058</b>	<b>1049</b>	<b>1059</b>	<b>1064</b>	<b>1073</b>	<b>1060</b>	<b>1066</b>	<b>1075</b>	<b>1062</b>	<b>1024</b>	<b>1009</b>	<b>1033</b>	<b>1063</b>	<b>1064</b>
<b>-Generating Public Entities-</b>														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	27	27
4 Cowlitz County PUD #1	5.3	5.3	5	5.3	4.9	4.3	4.2	3.9	4	4.1	3.7	4.5	5.4	5.3
5 Douglas County PUD #1	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 Eugene Water & Electric Board	4.3	4.2	4.3	4.1	3.9	3.9	3.7	4.0	5.2	5.7	5.7	6.0	5.8	5.3
7 Grant County PUD #2	52	52	52	52	52	52	52	52	52	52	52	52	52	52
8 Okanogan County PUD #1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4.1
10 Seattle City Light	87	84	88	82	87	85	50	73	85	84	84	87	95	87
11 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12 Tacoma Public Utilities	41	40	45	39	43	43	39	32	27	29	34	19	43	37
<b>13 Total Generating Public Entities</b>	<b>242</b>	<b>238</b>	<b>247</b>	<b>235</b>	<b>244</b>	<b>242</b>	<b>202</b>	<b>218</b>	<b>226</b>	<b>228</b>	<b>232</b>	<b>221</b>	<b>254</b>	<b>239</b>
<b>-Non-Generating Public Entities-</b>														
14 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clearwater Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19 Colville Tribes	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20 Energy Northwest	1.5	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21 Fall River Elec Coop	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 Forest Grove, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
23 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Idaho County L & P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
26 Kittitas County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28 Kootenai Electric Coop	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Lost River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Lower Valley Energy	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
32 McMinnville, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
33 Milton Freewater, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
34 Northern Lights	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
35 Northern Wasco County PUD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Raft River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Salmon River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 United Electric Coop	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>41 Total Non-Generating Public Entities</b>	<b>8.5</b>	<b>8.5</b>	<b>8.3</b>	<b>8.2</b>	<b>8.1</b>	<b>8.3</b>	<b>8.3</b>	<b>8.3</b>	<b>8.7</b>	<b>8.7</b>	<b>8.7</b>	<b>8.6</b>	<b>8.6</b>	<b>8.7</b>
<b>-Investor-Owned Entities-</b>														
42 Avista Corp (WWP Division)	55	55	55	55	55	55	54	54	54	54	54	54	55	55
43 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
44 Northwestern Energy LLC (MPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0.1	0.1	0.1	0.1
45 Pacific Power	57	57	56	56	55	53	51	49	50	51	50	47	57	57
46 Portland General Electric	47	47	47	47	47	47	47	47	47	47	47	47	47	47
47 Puget Sound Energy	72	72	72	72	71	71	70	69	69	69	69	64	72	72
<b>48 Total Investor-Owned Entities</b>	<b>315</b>	<b>316</b>	<b>312</b>	<b>313</b>	<b>303</b>	<b>302</b>	<b>304</b>	<b>291</b>	<b>299</b>	<b>305</b>	<b>305</b>	<b>299</b>	<b>309</b>	<b>319</b>
<b>-Other Entities-</b>														
49 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
50 Unspecified Marketer	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
51 Warm Springs Power Enterprise	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>52 Total Other Entities</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
<b>Small Thermal &amp; Misc. Reserves</b>														
<b>-Federal Entities-</b>														
53 BPA - Power Business	4.0	4.0	4.0	4	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0
54 U.S. Naval Station, Everett (Jim Creek)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

Continued

Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
2013 - 2014 Operating Year  
1937 Water Year  
[27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>55 U.S. Naval Submarine Base, Bangor</i>	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>56 Total Federal Entities</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.6</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.6</b>	<b>5.6</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>
<b>-Generating Public Entities-</b>														
<i>57 Chelan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>58 Clark County PUD #1</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>59 Cowlitz County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>60 Douglas County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>61 Eugene Water &amp; Electric Board</i>	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
<i>62 Grant County PUD #2</i>	2.3	2.3	2.2	2	1.6	1.6	1.6	1.6	2.0	2.3	2.3	2.4	2.4	2.3
<i>63 Grays Harbor PUD #1</i>	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	2.5	2.5	3.6	4.7	4.7
<i>64 Okanogan County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>65 Seattle City Light</i>	6	6	3.8	1.4	0.2	0.2	0.5	0.6	1.3	4.4	4.4	6.7	7.1	6.9
<i>66 Snohomish County PUD #1</i>	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2
<i>67 Springfield Utility Board</i>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<i>68 Tacoma Public Utilities</i>	2.7	2.7	1.7	0.8	0	0	0	0	0.2	1.7	1.7	2.4	2.8	3.0
<b>69 Total Generating Public Entities</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>21</b>	<b>35</b>	<b>32</b>
<b>-Non-Generating Public Entities-</b>														
<i>70 Ashland, City of</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>71 Benton County PUD #1</i>	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	1.4	1.4	3.9	3.9	3.9
<i>72 Clallam County PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>73 Clatskanie PUD</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0.6	0.6
<i>74 Consumers Power</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>75 Emerald County PUD</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>76 Energy Northwest</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>77 Fall River Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>78 Franklin County PUD #1</i>	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.1	1.1	1.5	2.6	2.6
<i>79 Klickitat County PUD #1</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>80 Lewis County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>81 Mason County PUD #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>82 Mason County PUD #3</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>83 Oregon Trail Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>84 Tanner Elec Coop</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>85 Tillamook PUD #1</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>86 Total Non-Generating Public Entities</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>3.7</b>	<b>3.7</b>	<b>6.1</b>	<b>7.7</b>	<b>7.7</b>
<b>-Investor-Owned Entities-</b>														
<i>87 Avista Corp (WWP Division)</i>	31	31	31	31	31	31	31	31	31	31	31	7.0	31	31
<i>88 Idaho Power Company</i>	21	21	20	19	18	17	17	17	18	19	19	20	21	21
<i>89 Northwestern Energy LLC (MPC)</i>	4.7	4.7	4.7	4.8	4.9	5	5.1	5.0	4.8	4.7	4.7	5.2	5.0	4.8
<i>90 Pacific Power</i>	29	29	29	29	29	29	28	29	29	29	29	3.6	29	29
<i>91 Portland General Electric</i>	58	58	58	59	61	61	61	61	61	60	60	39	58	58
<i>92 Puget Sound Energy</i>	68	68	77	68	44	44	63	54	54	48	48	50	54	59
<i>93 Trans Alta Utilities Corp</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>94 Utah Power</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.3
<b>95 Total Investor-Owned Entities</b>	<b>224</b>	<b>224</b>	<b>233</b>	<b>224</b>	<b>200</b>	<b>200</b>	<b>218</b>	<b>210</b>	<b>210</b>	<b>205</b>	<b>205</b>	<b>125</b>	<b>212</b>	<b>216</b>
<b>-Other Entities-</b>														
<i>96 Avista Energy Inc.</i>	14	14	14	14	14	14	14	14	14	0	0	14	14	14
<i>97 Calpine Power Marketing, Inc.</i>	12	12	12	12	12	12	12	12	12	12	12	0	12	12
<i>98 Chehalis Power Inc.</i>	26	26	26	26	26	26	26	26	26	26	26	26	0	26
<i>99 FPL Energy Vansycle LLC</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>100 Frederickson Power LP</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>101 Hermiston Power Partnership</i>	32	32	32	32	32	32	32	32	32	32	32	32	32	32
<i>102 Longview Fibre</i>	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
<i>103 Mirant Americas Energy Marketing, L.P.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>104 Pacific Klamath Energy</i>	29	29	29	29	29	29	29	29	29	24	24	24	24	29
<i>105 PPM Energy</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>106 SP Newsprint</i>	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>107 Total Other Entities</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>85</b>	<b>98</b>	<b>98</b>	<b>99</b>	<b>86</b>	<b>117</b>
<b>Large Thermal Reserves</b>														
<b>-Federal Entities-</b>														
<i>108 BPA - Power Business</i>	172	172	172	172	172	172	172	172	172	172	172	172	172	172
<b>109 Total Federal Entities</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
110 Turlock Irrigation District	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0	8.8	8.8
<b>111 Total Generating Public Entities</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>0</b>	<b>8.8</b>	<b>8.8</b>
<i>-Non-Generating Public Entities-</i>														
<b>112 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Investor-Owned Entities-</i>														
113 Avista Corp (WWP Division)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
114 Idaho Power Company	154	154	154	154	154	154	154	154	154	154	154	145	154	154
115 Northwestern Energy LLC (MPC)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
116 Pacific Power	235	235	235	235	235	235	235	235	235	235	235	235	235	235
117 Portland General Electric	104	104	104	104	104	104	104	104	104	104	104	46	104	104
118 Puget Sound Energy	105	105	105	105	105	105	105	105	105	105	105	105	105	105
119 San Diego Gas & Electric	13	13	13	13	13	13	13	13	13	13	13	0	13	13
120 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	201	201	100	201	201
<b>121 Total Investor-Owned Entities</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>701</b>	<b>881</b>	<b>881</b>
<i>-Other Entities-</i>														
<b>122 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<u>Contract Reserves</u>														
<i>-Federal Entities-</i>														
<b>123 Total Federal Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Generating Public Entities-</i>														
<b>124 Total Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Non-Generating Public Entities-</i>														
<b>125 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Investor-Owned Entities-</i>														
126 Northwestern Energy LLC (MPC)	26	21	20	21	28	37	33	34	23	23	25	29	36	28
<b>127 Total Investor-Owned Entities</b>	<b>26</b>	<b>21</b>	<b>20</b>	<b>21</b>	<b>28</b>	<b>37</b>	<b>33</b>	<b>34</b>	<b>23</b>	<b>23</b>	<b>25</b>	<b>29</b>	<b>36</b>	<b>28</b>
<i>-Other Entities-</i>														
<b>128 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>-Total Capacity Reserves-</i>														
129 Total Hydro Reserves	1648	1636	1651	1645	1653	1635	1605	1617	1620	1590	1580	1586	1659	1655
130 Total Small Thermal & Misc Reserves	386	386	391	378	352	351	370	362	332	340	339	257	345	378
131 Total Large Thermal Reserves	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062	873	1062	1062
132 Total Contract Reserves	26	21	20	21	28	37	33	34	23	23	25	29	36	28
<b>133 Total Capacity Reserves</b>	<b>3121</b>	<b>3104</b>	<b>3124</b>	<b>3106</b>	<b>3096</b>	<b>3086</b>	<b>3070</b>	<b>3075</b>	<b>3037</b>	<b>3015</b>	<b>3006</b>	<b>2746</b>	<b>3103</b>	<b>3124</b>

**Table A-17: Regional Capacity Reserves  
PNW Loads and Resource Study  
2014 - 2015 Operating Year  
1937 Water Year  
[27] 2004 White Book**

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Hydro Reserves</b>														
<b>-Federal Entities-</b>														
1 BPA - Power Business	1058	1049	1059	1064	1073	1060	1066	1075	1062	1024	1009	1033	1063	1064
<b>2 Total Federal Entities</b>	<b>1058</b>	<b>1049</b>	<b>1059</b>	<b>1064</b>	<b>1073</b>	<b>1060</b>	<b>1066</b>	<b>1075</b>	<b>1062</b>	<b>1024</b>	<b>1009</b>	<b>1033</b>	<b>1063</b>	<b>1064</b>
<b>-Generating Public Entities-</b>														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	27	27
4 Cowlitz County PUD #1	5.3	5.3	5	5.3	4.9	4.3	4.2	3.9	4	4.1	3.6	4.5	5.4	5.3
5 Douglas County PUD #1	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 Eugene Water & Electric Board	4.2	4.2	4.2	4.1	3.9	3.9	3.7	4.0	5.2	5.7	5.7	6.0	5.8	5.3
7 Grant County PUD #2	52	52	52	52	53	53	53	53	53	53	53	53	53	53
8 Okanogan County PUD #1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4.1
10 Seattle City Light	87	84	88	82	87	85	50	73	85	84	84	87	95	87
11 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12 Tacoma Public Utilities	41	40	45	39	43	43	39	32	27	29	34	19	43	37
<b>13 Total Generating Public Entities</b>	<b>242</b>	<b>238</b>	<b>247</b>	<b>236</b>	<b>245</b>	<b>242</b>	<b>203</b>	<b>219</b>	<b>226</b>	<b>228</b>	<b>232</b>	<b>222</b>	<b>255</b>	<b>239</b>
<b>-Non-Generating Public Entities-</b>														
14 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clearwater Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19 Colville Tribes	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20 Energy Northwest	1.5	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21 Fall River Elec Coop	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 Forest Grove, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
23 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Idaho County L & P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
26 Kittitas County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28 Kootenai Electric Coop	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Lost River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Lower Valley Energy	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
32 McMinnville, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
33 Milton Freewater, City of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
34 Northern Lights	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
35 Northern Wasco County PUD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Raft River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Salmon River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 United Electric Coop	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>41 Total Non-Generating Public Entities</b>	<b>8.5</b>	<b>8.5</b>	<b>8.3</b>	<b>8.2</b>	<b>8.1</b>	<b>8.3</b>	<b>8.3</b>	<b>8.3</b>	<b>8.7</b>	<b>8.7</b>	<b>8.7</b>	<b>8.6</b>	<b>8.6</b>	<b>8.7</b>
<b>-Investor-Owned Entities-</b>														
42 Avista Corp (WWP Division)	55	55	55	55	55	55	54	54	54	54	54	54	54	55
43 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
44 Northwestern Energy LLC (MPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0.1	0.1	0.1	0.1
45 Pacific Power	57	56	56	56	55	53	51	48	50	51	50	47	57	57
46 Portland General Electric	47	47	47	47	47	47	47	47	47	47	47	47	47	47
47 Puget Sound Energy	72	72	72	72	71	71	70	69	69	69	69	64	72	72
<b>48 Total Investor-Owned Entities</b>	<b>314</b>	<b>315</b>	<b>312</b>	<b>312</b>	<b>303</b>	<b>301</b>	<b>304</b>	<b>291</b>	<b>299</b>	<b>305</b>	<b>305</b>	<b>299</b>	<b>309</b>	<b>319</b>
<b>-Other Entities-</b>														
49 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
50 Unspecified Marketer	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
51 Warm Springs Power Enterprise	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
<b>52 Total Other Entities</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
<b>Small Thermal &amp; Misc. Reserves</b>														
<b>-Federal Entities-</b>														
53 BPA - Power Business	4.0	4.0	4.0	4	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0
54 U.S. Naval Station, Everett (Jim Creek)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
55 U.S. Naval Submarine Base, Bangor	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>56 Total Federal Entities</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.6</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.7</b>	<b>5.6</b>	<b>5.6</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>
<b>-Generating Public Entities-</b>														
57 Chelan County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Clark County PUD #1	12	12	12	12	12	12	12	12	12	12	12	12	12	12
59 Cowlitz County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Douglas County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Eugene Water & Electric Board	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
62 Grant County PUD #2	2.3	2.3	2.2	2	1.6	1.6	1.6	1.6	2.0	2.3	2.3	2.4	2.4	2.3
63 Grays Harbor PUD #1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	2.5	2.5	3.6	4.7	4.7
64 Okanogan County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Seattle City Light	6	6	3.8	1.4	0.2	0.2	0.5	0.6	1.3	4.4	4.4	6.7	7.1	6.9
66 Snohomish County PUD #1	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2
67 Springfield Utility Board	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
68 Tacoma Public Utilities	2.7	2.7	1.7	0.8	0	0	0	0	0.2	1.7	1.7	2.4	2.8	3.0
<b>69 Total Generating Public Entities</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>33</b>	<b>35</b>	<b>32</b>
<b>-Non-Generating Public Entities-</b>														
70 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71 Benton County PUD #1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	1.4	1.4	3.9	3.9	3.9
72 Clallam County PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
73 Clatskanie PUD	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0.6	0.6
74 Consumers Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75 Emerald County PUD	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
76 Energy Northwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Fall River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Franklin County PUD #1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.1	1.1	1.5	2.6	2.6
79 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Mason County PUD #3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Oregon Trail Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Tillamook PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>86 Total Non-Generating Public Entities</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>3.7</b>	<b>3.7</b>	<b>6.1</b>	<b>7.7</b>	<b>7.7</b>
<b>-Investor-Owned Entities-</b>														
87 Avista Corp (WWP Division)	31	31	31	31	31	31	31	31	31	31	31	7.0	31	31
88 Idaho Power Company	21	21	20	19	18	17	17	17	18	19	19	20	21	21
89 Northwestern Energy LLC (MPC)	4.7	4.7	4.7	4.8	4.9	5	5.1	5.0	4.8	4.7	4.7	5.2	5.0	4.8
90 Pacific Power	29	29	29	29	29	29	28	29	29	29	29	3.6	29	29
91 Portland General Electric	58	58	58	59	61	61	61	61	61	60	60	39	58	58
92 Puget Sound Energy	68	58	67	58	44	44	53	44	44	37	37	39	44	49
93 Trans Alta Utilities Corp	12	12	12	12	12	12	12	12	12	12	12	0	12	12
94 Utah Power	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.3
<b>95 Total Investor-Owned Entities</b>	<b>224</b>	<b>214</b>	<b>223</b>	<b>213</b>	<b>200</b>	<b>200</b>	<b>208</b>	<b>199</b>	<b>199</b>	<b>194</b>	<b>194</b>	<b>115</b>	<b>201</b>	<b>205</b>
<b>-Other Entities-</b>														
96 Avista Energy Inc.	14	14	14	14	14	14	14	14	14	0	0	14	14	14
97 Calpine Power Marketing, Inc.	12	12	12	12	12	12	12	12	12	12	12	0	12	12
98 Chehalis Power Inc.	26	26	26	26	26	26	26	26	26	26	26	26	0	26
99 FPL Energy Vansycle LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Frederickson Power LP,	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Hermiston Power Partnership	32	32	32	32	32	32	32	32	0	32	32	32	32	32
102 Longview Fibre	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
103 Mirant Americas Energy Marketing, L.P.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Pacific Klamath Energy	29	29	29	29	29	29	29	29	29	24	24	24	24	29
105 PPM Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106 SP Newsprint	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>107 Total Other Entities</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>85</b>	<b>98</b>	<b>98</b>	<b>99</b>	<b>86</b>	<b>117</b>
<b>Large Thermal Reserves</b>														
<b>-Federal Entities-</b>														
108 BPA - Power Business	172	172	172	172	172	172	172	172	172	172	172	0	0	172
<b>109 Total Federal Entities</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>172</b>	<b>0</b>	<b>0</b>	<b>172</b>

Table A-17: Regional Capacity Reserves  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Generating Public Entities-</b>														
110 Turlock Irrigation District	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0	8.8	8.8
<b>111 Total Generating Public Entities</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.8</b>	<b>0</b>	<b>8.8</b>	<b>8.8</b>
<b>-Non-Generating Public Entities-</b>														
<b>112 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Investor-Owned Entities-</b>														
113 Avista Corp (WWP Division)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
114 Idaho Power Company	154	154	154	154	154	154	154	154	154	154	154	145	154	154
115 Northwestern Energy LLC (MPC)	34	34	34	34	34	34	34	34	34	34	34	34	34	34
116 Pacific Power	235	235	235	235	235	235	235	235	235	235	235	235	235	235
117 Portland General Electric	104	104	104	104	104	104	104	104	104	104	104	46	104	104
118 Puget Sound Energy	105	105	105	105	105	105	105	105	105	105	105	105	105	105
119 San Diego Gas & Electric	13	13	13	13	13	13	13	13	13	13	13	0	13	13
120 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	201	201	100	201	201
<b>121 Total Investor-Owned Entities</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>881</b>	<b>701</b>	<b>881</b>	<b>881</b>
<b>-Other Entities-</b>														
<b>122 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Contract Reserves</b>														
<b>-Federal Entities-</b>														
<b>123 Total Federal Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Generating Public Entities-</b>														
<b>124 Total Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Non-Generating Public Entities-</b>														
<b>125 Total Non-Generating Public Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Investor-Owned Entities-</b>														
126 Northwestern Energy LLC (MPC)	27	21	21	22	29	38	34	34	24	24	26	30	37	29
<b>127 Total Investor-Owned Entities</b>	<b>27</b>	<b>21</b>	<b>21</b>	<b>22</b>	<b>29</b>	<b>38</b>	<b>34</b>	<b>34</b>	<b>24</b>	<b>24</b>	<b>26</b>	<b>30</b>	<b>37</b>	<b>29</b>
<b>-Other Entities-</b>														
<b>128 Total Other Entities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Capacity Reserves-</b>														
129 Total Hydro Reserves	1648	1636	1651	1645	1653	1635	1605	1617	1620	1590	1580	1586	1659	1655
130 Total Small Thermal & Misc Reserves	386	375	381	368	352	351	360	352	322	329	329	259	335	367
131 Total Large Thermal Reserves	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062	701	890	1062
132 Total Contract Reserves	27	21	21	22	29	38	34	34	24	24	26	30	37	29
<b>133 Total Capacity Reserves</b>	<b>3122</b>	<b>3095</b>	<b>3115</b>	<b>3097</b>	<b>3096</b>	<b>3087</b>	<b>3061</b>	<b>3066</b>	<b>3028</b>	<b>3005</b>	<b>2996</b>	<b>2576</b>	<b>2921</b>	<b>3114</b>

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Table A-18  
Wells & Chelan Allocation  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-18: Wells and Chelan Allocation  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wells-</i>														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Wells-</i>														
3 AVWP Share	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 COLV Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
5 DOPD Share	241	241	241	241	241	241	241	241	241	241	241	241	241	241
6 OKPD Share	64	64	64	64	64	64	64	64	64	64	64	64	64	64
7 PGE Share	163	163	163	163	163	163	163	163	163	163	163	163	163	163
8 PPL Share	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 PSE Share	251	251	251	251	251	251	251	251	251	251	251	251	251	251
10 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Chelan-</i>														
11 Chelan	54	54	54	53	53	52	51	50	50	49	49	50	52	54
12 Chelan Before Enc	54	54	54	53	53	52	51	50	50	49	49	50	52	54
<i>-Chelan-</i>														
13 CHPD Share	58	58	58	57	57	56	55	54	54	53	53	54	56	58
14 Chelan After Enc	58	58	58	57	57	56	55	54	54	53	53	54	56	58

Table A-18: Wells and Chelan Allocation  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wells-</i>														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Wells-</i>														
3 AVWP Share	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 COLV Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
5 DOPD Share	241	241	241	241	241	241	241	241	241	241	241	241	241	241
6 OKPD Share	64	64	64	64	64	64	64	64	64	64	64	64	64	64
7 PGE Share	163	163	163	163	163	163	163	163	163	163	163	163	163	163
8 PPL Share	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 PSE Share	251	251	251	251	251	251	251	251	251	251	251	251	251	251
10 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Chelan-</i>														
11 Chelan	54	54	54	53	53	52	51	50	50	49	49	50	52	54
12 Chelan Before Enc	54	54	54	53	53	52	51	50	50	49	49	50	52	54
<i>-Chelan-</i>														
13 CHPD Share	58	58	58	57	57	56	55	54	54	53	53	54	56	58
14 Chelan After Enc	58	58	58	57	57	56	55	54	54	53	53	54	56	58

Table A-18: Wells and Chelan Allocation  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wells-</i>														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Wells-</i>														
3 AVWP Share	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 COLV Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
5 DOPD Share	241	241	241	241	241	241	241	241	241	241	241	241	241	241
6 OKPD Share	64	64	64	64	64	64	64	64	64	64	64	64	64	64
7 PGE Share	163	163	163	163	163	163	163	163	163	163	163	163	163	163
8 PPL Share	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 PSE Share	251	251	251	251	251	251	251	251	251	251	251	251	251	251
10 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Chelan-</i>														
11 Chelan	54	54	54	53	53	52	51	50	50	49	49	50	52	54
12 Chelan Before Enc	54	54	54	53	53	52	51	50	50	49	49	50	52	54
<i>-Chelan-</i>														
13 CHPD Share	58	58	58	57	57	56	55	54	54	53	53	54	56	58
14 Chelan After Enc	58	58	58	57	57	56	55	54	54	53	53	54	56	58

Table A-18: Wells and Chelan Allocation  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wells-</i>														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Wells-</i>														
3 AVWP Share	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 COLV Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
5 DOPD Share	241	241	241	241	241	241	241	241	241	241	241	241	241	241
6 OKPD Share	64	64	64	64	64	64	64	64	64	64	64	64	64	64
7 PGE Share	163	163	163	163	163	163	163	163	163	163	163	163	163	163
8 PPL Share	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 PSE Share	251	251	251	251	251	251	251	251	251	251	251	251	251	251
10 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Chelan-</i>														
11 Chelan	54	54	54	53	53	52	51	50	50	49	49	50	52	54
12 Chelan Before Enc	54	54	54	53	53	52	51	50	50	49	49	50	52	54
<i>-Chelan-</i>														
13 CHPD Share	58	58	58	57	57	56	55	54	54	53	53	54	56	58
14 Chelan After Enc	58	58	58	57	57	56	55	54	54	53	53	54	56	58



Table A-18: Wells and Chelan Allocation  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wells-</i>														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Wells-</i>														
3 AVWP Share	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 COLV Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
5 DOPD Share	241	241	241	241	241	241	241	241	241	241	241	241	241	241
6 OKPD Share	64	64	64	64	64	64	64	64	64	64	64	64	64	64
7 PGE Share	163	163	163	163	163	163	163	163	163	163	163	163	163	163
8 PPL Share	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 PSE Share	251	251	251	251	251	251	251	251	251	251	251	251	251	251
10 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Chelan-</i>														
11 Chelan	54	54	54	53	53	52	51	50	50	49	49	50	52	54
12 Chelan Before Enc	54	54	54	53	53	52	51	50	50	49	49	50	52	54
<i>-Chelan-</i>														
13 CHPD Share	58	58	58	57	57	56	55	54	54	53	53	54	56	58
14 Chelan After Enc	58	58	58	57	57	56	55	54	54	53	53	54	56	58

Table A-18: Wells and Chelan Allocation  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wells-</i>														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Wells-</i>														
3 AVWP Share	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 COLV Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
5 DOPD Share	241	241	241	241	241	241	241	241	241	241	241	241	241	241
6 OKPD Share	64	64	64	64	64	64	64	64	64	64	64	64	64	64
7 PGE Share	163	163	163	163	163	163	163	163	163	163	163	163	163	163
8 PPL Share	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 PSE Share	251	251	251	251	251	251	251	251	251	251	251	251	251	251
10 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Chelan-</i>														
11 Chelan	54	54	54	53	53	52	51	50	50	49	49	50	52	54
12 Chelan Before Enc	54	54	54	53	53	52	51	50	50	49	49	50	52	54
<i>-Chelan-</i>														
13 CHPD Share	58	58	58	57	57	56	55	54	54	53	53	54	56	58
14 Chelan After Enc	58	58	58	57	57	56	55	54	54	53	53	54	56	58

Table A-18: Wells and Chelan Allocation  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wells-</i>														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Wells-</i>														
3 AVWP Share	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 COLV Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
5 DOPD Share	241	241	241	241	241	241	241	241	241	241	241	241	241	241
6 OKPD Share	64	64	64	64	64	64	64	64	64	64	64	64	64	64
7 PGE Share	163	163	163	163	163	163	163	163	163	163	163	163	163	163
8 PPL Share	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 PSE Share	251	251	251	251	251	251	251	251	251	251	251	251	251	251
10 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Chelan-</i>														
11 Chelan	54	54	54	53	53	52	51	50	50	49	49	50	52	54
12 Chelan Before Enc	54	54	54	53	53	52	51	50	50	49	49	50	52	54
<i>-Chelan-</i>														
13 CHPD Share	58	58	58	57	57	56	55	54	54	53	53	54	56	58
14 Chelan After Enc	58	58	58	57	57	56	55	54	54	53	53	54	56	58

Table A-18: Wells and Chelan Allocation  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wells-</i>														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Wells-</i>														
3 AVWP Share	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 COLV Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
5 DOPD Share	241	241	241	241	241	241	241	241	241	241	241	241	241	241
6 OKPD Share	64	64	64	64	64	64	64	64	64	64	64	64	64	64
7 PGE Share	163	163	163	163	163	163	163	163	163	163	163	163	163	163
8 PPL Share	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 PSE Share	251	251	251	251	251	251	251	251	251	251	251	251	251	251
10 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Chelan-</i>														
11 Chelan	54	54	54	53	53	52	51	50	50	49	49	50	52	54
12 Chelan Before Enc	54	54	54	53	53	52	51	50	50	49	49	50	52	54
<i>-Chelan-</i>														
13 CHPD Share	58	58	58	57	57	56	55	54	54	53	53	54	56	58
14 Chelan After Enc	58	58	58	57	57	56	55	54	54	53	53	54	56	58

Table A-18: Wells and Chelan Allocation  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wells-</i>														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Wells-</i>														
3 AVWP Share	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 COLV Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
5 DOPD Share	241	241	241	241	241	241	241	241	241	241	241	241	241	241
6 OKPD Share	64	64	64	64	64	64	64	64	64	64	64	64	64	64
7 PGE Share	163	163	163	163	163	163	163	163	163	163	163	163	163	163
8 PPL Share	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 PSE Share	251	251	251	251	251	251	251	251	251	251	251	251	251	251
10 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Chelan-</i>														
11 Chelan	54	54	54	53	53	52	51	50	50	49	49	50	52	54
12 Chelan Before Enc	54	54	54	53	53	52	51	50	50	49	49	50	52	54
<i>-Chelan-</i>														
13 CHPD Share	58	58	58	57	57	56	55	54	54	53	53	54	56	58
14 Chelan After Enc	58	58	58	57	57	56	55	54	54	53	53	54	56	58

Table A-18: Wells and Chelan Allocation  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wells-</i>														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Wells-</i>														
3 AVWP Share	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 COLV Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
5 DOPD Share	241	241	241	241	241	241	241	241	241	241	241	241	241	241
6 OKPD Share	64	64	64	64	64	64	64	64	64	64	64	64	64	64
7 PGE Share	163	163	163	163	163	163	163	163	163	163	163	163	163	163
8 PPL Share	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 PSE Share	251	251	251	251	251	251	251	251	251	251	251	251	251	251
10 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
<i>-Chelan-</i>														
11 Chelan	54	54	54	53	53	52	51	50	50	49	49	50	52	54
12 Chelan Before Enc	54	54	54	53	53	52	51	50	50	49	49	50	52	54
<i>-Chelan-</i>														
13 CHPD Share	58	58	58	57	57	56	55	54	54	53	53	54	56	58
14 Chelan After Enc	58	58	58	57	57	56	55	54	54	53	53	54	56	58

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Table A-19  
Rocky Reach & Rock Island Allocation  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System



Table A-19: Rocky Reach and Rock Island Allocation  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Rocky Reach-</i>														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
<i>-Rocky Reach-</i>														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	197	197	196	196	196	196	196	196	197	197
5 CLKM Share	300	299	298	299	299	299	298	298	298	298	298	298	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	156	156	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	507	505	504	505	506	505	505	504	504	504	504	504	506	506
10 Rocky Reach After Enc	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
<i>-Rock Island PH#1-</i>														
11 Rock Island PH#1	147	157	158	158	156	156	158	158	158	158	158	158	152	154
12 Rock Island PH#1 Before Enc	147	157	158	158	156	156	158	158	158	158	158	158	152	154
<i>-Rock Island PH#1-</i>														
13 CHPD Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
14 PSE Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
15 Rock Island PH#1 After Enc	162	173	176	176	173	173	176	176	176	176	176	176	168	171
<i>-Rock Island PH#2-</i>														
16 Rock Island PH#2	366	356	355	355	357	357	355	355	355	355	355	355	361	359
17 Rock Island PH#2 Before Enc	366	356	355	355	357	357	355	355	355	355	355	355	361	359
<i>-Rock Island PH#2-</i>														
18 CHPD Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
19 PSE Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
20 Rock Island PH#2 After Enc	402	394	395	393	395	394	394	394	394	394	394	394	398	396

Table A-19: Rocky Reach and Rock Island Allocation  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Rocky Reach-</i>														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
<i>-Rocky Reach-</i>														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	197	197	196	196	196	196	196	196	197	197
5 CLKM Share	300	299	298	299	299	299	298	298	298	298	298	298	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	156	156	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	507	505	504	505	506	505	505	504	504	504	504	504	506	506
10 Rocky Reach After Enc	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
<i>-Rock Island PH#1-</i>														
11 Rock Island PH#1	147	157	158	158	156	156	158	158	158	158	158	158	152	154
12 Rock Island PH#1 Before Enc	147	157	158	158	156	156	158	158	158	158	158	158	152	154
<i>-Rock Island PH#1-</i>														
13 CHPD Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
14 PSE Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
15 Rock Island PH#1 After Enc	162	173	176	176	173	173	176	176	176	176	176	176	168	171
<i>-Rock Island PH#2-</i>														
16 Rock Island PH#2	366	356	355	355	357	357	355	355	355	355	355	355	361	359
17 Rock Island PH#2 Before Enc	366	356	355	355	357	357	355	355	355	355	355	355	361	359
<i>-Rock Island PH#2-</i>														
18 CHPD Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
19 PSE Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
20 Rock Island PH#2 After Enc	402	394	395	393	395	394	394	394	394	394	394	394	398	396

Table A-19: Rocky Reach and Rock Island Allocation  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Rocky Reach-</i>														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
<i>-Rocky Reach-</i>														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	197	197	196	196	196	196	196	196	197	197
5 CLKM Share	300	299	298	299	299	299	298	298	298	298	298	298	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	156	156	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	507	505	504	505	506	505	505	504	504	504	504	504	506	506
10 Rocky Reach After Enc	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
<i>-Rock Island PH#1-</i>														
11 Rock Island PH#1	147	157	158	158	156	156	158	158	158	158	158	158	152	154
12 Rock Island PH#1 Before Enc	147	157	158	158	156	156	158	158	158	158	158	158	152	154
<i>-Rock Island PH#1-</i>														
13 CHPD Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
14 PSE Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
15 Rock Island PH#1 After Enc	162	173	176	176	173	173	176	176	176	176	176	176	168	171
<i>-Rock Island PH#2-</i>														
16 Rock Island PH#2	366	356	355	355	357	357	355	355	355	355	355	355	361	359
17 Rock Island PH#2 Before Enc	366	356	355	355	357	357	355	355	355	355	355	355	361	359
<i>-Rock Island PH#2-</i>														
18 CHPD Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
19 PSE Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
20 Rock Island PH#2 After Enc	402	394	395	393	395	394	394	394	394	394	394	394	398	396

Table A-19: Rocky Reach and Rock Island Allocation  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Rocky Reach-</i>														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
<i>-Rocky Reach-</i>														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	197	197	196	196	196	196	196	196	197	197
5 CLKM Share	300	299	298	299	299	299	298	298	298	298	298	298	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	156	156	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	507	505	504	505	506	505	505	504	504	504	504	504	506	506
10 Rocky Reach After Enc	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
<i>-Rock Island PH#1-</i>														
11 Rock Island PH#1	147	157	158	158	156	156	158	158	158	158	158	158	152	154
12 Rock Island PH#1 Before Enc	147	157	158	158	156	156	158	158	158	158	158	158	152	154
<i>-Rock Island PH#1-</i>														
13 CHPD Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
14 PSE Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
15 Rock Island PH#1 After Enc	162	173	176	176	173	173	176	176	176	176	176	176	168	171
<i>-Rock Island PH#2-</i>														
16 Rock Island PH#2	366	356	355	355	357	357	355	355	355	355	355	355	361	359
17 Rock Island PH#2 Before Enc	366	356	355	355	357	357	355	355	355	355	355	355	361	359
<i>-Rock Island PH#2-</i>														
18 CHPD Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
19 PSE Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
20 Rock Island PH#2 After Enc	402	394	395	393	395	394	394	394	394	394	394	394	398	396

Table A-19: Rocky Reach and Rock Island Allocation  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Rocky Reach-</i>														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
<i>-Rocky Reach-</i>														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	197	197	196	196	196	196	196	196	197	197
5 CLKM Share	300	299	298	299	299	299	298	298	298	298	298	298	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	156	156	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	507	505	504	505	506	505	505	504	504	504	504	504	506	506
10 Rocky Reach After Enc	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
<i>-Rock Island PH#1-</i>														
11 Rock Island PH#1	147	157	158	158	156	156	158	158	158	158	158	158	152	154
12 Rock Island PH#1 Before Enc	147	157	158	158	156	156	158	158	158	158	158	158	152	154
<i>-Rock Island PH#1-</i>														
13 CHPD Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
14 PSE Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
15 Rock Island PH#1 After Enc	162	173	176	176	173	173	176	176	176	176	176	176	168	171
<i>-Rock Island PH#2-</i>														
16 Rock Island PH#2	366	356	355	355	357	357	355	355	355	355	355	355	361	359
17 Rock Island PH#2 Before Enc	366	356	355	355	357	357	355	355	355	355	355	355	361	359
<i>-Rock Island PH#2-</i>														
18 CHPD Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
19 PSE Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
20 Rock Island PH#2 After Enc	402	394	395	393	395	394	394	394	394	394	394	394	398	396

Table A-19: Rocky Reach and Rock Island Allocation  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Rocky Reach-</i>														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
<i>-Rocky Reach-</i>														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	197	197	196	196	196	196	196	196	197	197
5 CLKM Share	300	299	298	299	299	299	298	298	298	298	298	298	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	156	156	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	507	505	504	505	506	505	505	504	504	504	504	504	506	506
10 Rocky Reach After Enc	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
<i>-Rock Island PH#1-</i>														
11 Rock Island PH#1	147	157	158	158	156	156	158	158	158	158	158	158	152	154
12 Rock Island PH#1 Before Enc	147	157	158	158	156	156	158	158	158	158	158	158	152	154
<i>-Rock Island PH#1-</i>														
13 CHPD Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
14 PSE Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
15 Rock Island PH#1 After Enc	162	173	176	176	173	173	176	176	176	176	176	176	168	171
<i>-Rock Island PH#2-</i>														
16 Rock Island PH#2	366	356	355	355	357	357	355	355	355	355	355	355	361	359
17 Rock Island PH#2 Before Enc	366	356	355	355	357	357	355	355	355	355	355	355	361	359
<i>-Rock Island PH#2-</i>														
18 CHPD Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
19 PSE Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
20 Rock Island PH#2 After Enc	402	394	395	393	395	394	394	394	394	394	394	394	398	396

Table A-19: Rocky Reach and Rock Island Allocation  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Rocky Reach-</i>														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
<i>-Rocky Reach-</i>														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	197	197	196	196	196	196	196	196	197	197
5 CLKM Share	300	299	298	299	299	299	298	298	298	298	298	298	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	156	156	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	507	505	504	505	506	505	505	504	504	504	504	504	506	506
10 Rocky Reach After Enc	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
<i>-Rock Island PH#1-</i>														
11 Rock Island PH#1	147	157	158	158	156	156	158	158	158	158	158	158	152	154
12 Rock Island PH#1 Before Enc	147	157	158	158	156	156	158	158	158	158	158	158	152	154
<i>-Rock Island PH#1-</i>														
13 CHPD Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
14 PSE Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
15 Rock Island PH#1 After Enc	162	173	176	176	173	173	176	176	176	176	176	176	168	171
<i>-Rock Island PH#2-</i>														
16 Rock Island PH#2	366	356	355	355	357	357	355	355	355	355	355	355	361	359
17 Rock Island PH#2 Before Enc	366	356	355	355	357	357	355	355	355	355	355	355	361	359
<i>-Rock Island PH#2-</i>														
18 CHPD Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
19 PSE Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
20 Rock Island PH#2 After Enc	402	394	395	393	395	394	394	394	394	394	394	394	398	396

Table A-19: Rocky Reach and Rock Island Allocation  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Rocky Reach-</i>														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
<i>-Rocky Reach-</i>														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	197	197	196	196	196	196	196	196	197	197
5 CLKM Share	300	299	298	299	299	299	298	298	298	298	298	298	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	156	156	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	507	505	504	505	506	505	505	504	504	504	504	504	506	506
10 Rocky Reach After Enc	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
<i>-Rock Island PH#1-</i>														
11 Rock Island PH#1	147	157	158	158	156	156	158	158	158	158	158	158	152	154
12 Rock Island PH#1 Before Enc	147	157	158	158	156	156	158	158	158	158	158	158	152	154
<i>-Rock Island PH#1-</i>														
13 CHPD Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
14 PSE Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
15 Rock Island PH#1 After Enc	162	173	176	176	173	173	176	176	176	176	176	176	168	171
<i>-Rock Island PH#2-</i>														
16 Rock Island PH#2	366	356	355	355	357	357	355	355	355	355	355	355	361	359
17 Rock Island PH#2 Before Enc	366	356	355	355	357	357	355	355	355	355	355	355	361	359
<i>-Rock Island PH#2-</i>														
18 CHPD Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
19 PSE Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
20 Rock Island PH#2 After Enc	402	394	395	393	395	394	394	394	394	394	394	394	398	396



Table A-19: Rocky Reach and Rock Island Allocation  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Rocky Reach-</i>														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
<i>-Rocky Reach-</i>														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	197	197	196	196	196	196	196	196	197	197
5 CLKM Share	300	299	298	299	299	299	298	298	298	298	298	298	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	156	156	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	507	505	504	505	506	505	505	504	504	504	504	504	506	506
10 Rocky Reach After Enc	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
<i>-Rock Island PH#1-</i>														
11 Rock Island PH#1	147	157	158	158	156	156	158	158	158	158	158	158	152	154
12 Rock Island PH#1 Before Enc	147	157	158	158	156	156	158	158	158	158	158	158	152	154
<i>-Rock Island PH#1-</i>														
13 CHPD Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
14 PSE Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
15 Rock Island PH#1 After Enc	162	173	176	176	173	173	176	176	176	176	176	176	168	171
<i>-Rock Island PH#2-</i>														
16 Rock Island PH#2	366	356	355	355	357	357	355	355	355	355	355	355	361	359
17 Rock Island PH#2 Before Enc	366	356	355	355	357	357	355	355	355	355	355	355	361	359
<i>-Rock Island PH#2-</i>														
18 CHPD Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
19 PSE Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
20 Rock Island PH#2 After Enc	402	394	395	393	395	394	394	394	394	394	394	394	398	396

Table A-19: Rocky Reach and Rock Island Allocation  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Rocky Reach-</i>														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
<i>-Rocky Reach-</i>														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	197	197	196	196	196	196	196	196	197	197
5 CLKM Share	300	299	298	299	299	299	298	298	298	298	298	298	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	156	156	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	507	505	504	505	506	505	505	504	504	504	504	504	506	506
10 Rocky Reach After Enc	1303	1299	1296	1298	1300	1299	1297	1297	1297	1297	1297	1297	1300	1300
<i>-Rock Island PH#1-</i>														
11 Rock Island PH#1	147	157	158	158	156	156	158	158	158	158	158	158	152	154
12 Rock Island PH#1 Before Enc	147	157	158	158	156	156	158	158	158	158	158	158	152	154
<i>-Rock Island PH#1-</i>														
13 CHPD Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
14 PSE Share	81	87	88	88	86	86	88	88	88	88	88	88	84	85
15 Rock Island PH#1 After Enc	162	173	176	176	173	173	176	176	176	176	176	176	168	171
<i>-Rock Island PH#2-</i>														
16 Rock Island PH#2	366	356	355	355	357	357	355	355	355	355	355	355	361	359
17 Rock Island PH#2 Before Enc	366	356	355	355	357	357	355	355	355	355	355	355	361	359
<i>-Rock Island PH#2-</i>														
18 CHPD Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
19 PSE Share	201	197	197	197	197	197	197	197	197	197	197	197	199	198
20 Rock Island PH#2 After Enc	402	394	395	393	395	394	394	394	394	394	394	394	398	396

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Table A-20  
Wanapum & Priest Rapids Allocation  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i><b>-Wanapum-</b></i>														
1 Wanapum	986	986	986	986	986	986	986	986	986	986	986	986	986	986
<b>2 Wanapum Before Enc</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>
<i><b>-Wanapum-</b></i>														
3 AVWP Share	75	75	75	75	75	75	75	75	75	75	75	75	75	75
4 COPD Share	25	25	25	25	25	25	25	25	25	25	25	25	25	25
5 CWPC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EWEB Share	21	21	21	21	21	21	21	21	21	21	21	21	21	21
7 FGRV Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
8 FREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GCPD Share	332	332	332	332	332	332	332	332	332	332	332	332	332	332
10 ICLP Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 KITT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 KOOT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 LVE Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 MCMN Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
16 MTRF Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
17 NLEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PGE Share	170	170	170	170	170	170	170	170	170	170	170	170	170	170
19 PPL Share	170	170	170	170	170	170	170	170	170	170	170	170	170	170
20 PSE Share	98	98	98	98	98	98	98	98	98	98	98	98	98	98
21 RREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCL Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SLEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TPU Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 UNMKMT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>27 Wanapum After Enc</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>
<i><b>-Priest Rapids-</b></i>														
28 Priest Rapids	912	912	912	912	912	912	912	912	912	912	912	912	912	912
<b>29 Priest Rapids Before Enc</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>
<i><b>-Priest Rapids-</b></i>														
30 AVWP Share	55	55	55	55	44	44	25	25	25	25	25	25	25	25
31 COPD Share	18	18	18	18	14	14	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
32 CWPC Share	0	0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
33 EWEB Share	15	15	15	15	12	12	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
34 FGRV Share	4.5	4.5	4.5	4.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
35 FREC Share	0	0	0	0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
36 GCPD Share	327	327	327	327	385	385	568	568	568	568	568	568	568	568
37 ICLP Share	0	0	0	0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
38 KITT Share	3.6	3.6	3.6	3.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
39 KOOT Share	0	0	0	0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
40 LREC Share	0	0	0	0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 LVE Share	0	0	0	0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
42 MCMN Share	4.5	4.5	4.5	4.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
43 MTRF Share	4.5	4.5	4.5	4.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
44 NLEC Share	0	0	0	0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45 PGE Share	125	125	125	125	99	99	58	58	58	58	58	58	58	58
46 PPL Share	125	125	125	125	99	99	58	58	58	58	58	58	58	58
47 PSE Share	72	72	72	72	57	57	33	33	33	33	33	33	33	33
48 RREC Share	0	0	0	0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
49 SCL Share	72	72	72	72	55	55	31	31	31	31	31	31	31	31
50 SLEC Share	0	0	0	0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>51 TPU Share</i>	72	72	72	72	55	55	31	31	31	31	31	31	31	31
<i>52 UNEC Share</i>	0	0	0	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>53 UNKMKY Share</i>	0	0	0	0	54	54	54	54	54	54	54	54	54	54
<b>54 Priest Rapids After Enc</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Wanapum-</b>														
1 Wanapum	986	986	986	986	986	986	986	986	986	986	986	986	986	986
2 Wanapum Before Enc	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>
<b>-Wanapum-</b>														
3 AVWP Share	75	75	75	75	75	75	75	75	75	75	75	75	75	75
4 COPD Share	25	25	25	25	25	25	25	25	25	25	25	25	25	25
5 CWPC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EWEB Share	21	21	21	21	21	21	21	21	21	21	21	21	21	21
7 FGRV Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
8 FREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GCPD Share	332	332	332	332	332	332	332	332	332	332	332	332	332	332
10 ICLP Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 KITT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 KOOT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 LVE Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 MCMN Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
16 MTFR Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
17 NLEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PGE Share	170	170	170	170	170	170	170	170	170	170	170	170	170	170
19 PPL Share	170	170	170	170	170	170	170	170	170	170	170	170	170	170
20 PSE Share	98	98	98	98	98	98	98	98	98	98	98	98	98	98
21 RREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCL Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SLEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TPU Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 UNKMKT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Wanapum After Enc	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>
<b>-Priest Rapids-</b>														
28 Priest Rapids	912	912	912	912	912	912	912	912	912	912	912	912	912	912
29 Priest Rapids Before Enc	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>
<b>-Priest Rapids-</b>														
30 AVWP Share	25	25	25	25	25	25	25	25	25	25	25	25	25	25
31 COPD Share	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
32 CWPC Share	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
33 EWEB Share	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
34 FGRV Share	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
35 FREC Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
36 GCPD Share	568	568	568	568	568	568	568	568	568	568	568	568	568	568
37 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
38 KITT Share	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
39 KOOT Share	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
40 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 LVE Share	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
42 MCMN Share	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
43 MTFR Share	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
44 NLEC Share	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45 PGE Share	58	58	58	58	58	58	58	58	58	58	58	58	58	58
46 PPL Share	58	58	58	58	58	58	58	58	58	58	58	58	58	58
47 PSE Share	33	33	33	33	33	33	33	33	33	33	33	33	33	33
48 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
49 SCL Share	31	31	31	31	31	31	31	31	31	31	31	31	31	31
50 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>51 TPU Share</i>	31	31	31	31	31	31	31	31	31	31	31	31	31	31
<i>52 UNEC Share</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>53 UNKMKY Share</i>	54	54	54	54	54	54	54	54	54	54	54	54	54	54
<b>54 Priest Rapids After Enc</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>



**Table A-20: Wanapum and Priest Rapids Allocation  
PNW Loads and Resource Study  
2007 - 2008 Operating Year  
1937 Water Year  
[27] 2004 White Book**

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Wanapum-</b>														
1 Wanapum	986	986	986	986	986	986	986	986	986	986	986	986	986	986
<b>2 Wanapum Before Enc</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>
<b>-Wanapum-</b>														
3 AVWP Share	75	75	75	75	75	75	75	75	75	75	75	75	75	75
4 COPD Share	25	25	25	25	25	25	25	25	25	25	25	25	25	25
5 CWPC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EWEB Share	21	21	21	21	21	21	21	21	21	21	21	21	21	21
7 FGRV Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
8 FREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GCPD Share	332	332	332	332	332	332	332	332	332	332	332	332	332	332
10 ICLP Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 KITT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 KOOT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 LVE Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 MCMN Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
16 MTFR Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
17 NLEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PGE Share	170	170	170	170	170	170	170	170	170	170	170	170	170	170
19 PPL Share	170	170	170	170	170	170	170	170	170	170	170	170	170	170
20 PSE Share	98	98	98	98	98	98	98	98	98	98	98	98	98	98
21 RREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCL Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SLEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TPU Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 UNKMKT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>27 Wanapum After Enc</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>910</b>
<b>-Priest Rapids-</b>														
28 Priest Rapids	912	912	912	912	912	912	912	912	912	912	912	912	912	912
<b>29 Priest Rapids Before Enc</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>
<b>-Priest Rapids-</b>														
30 AVWP Share	25	25	25	25	25	25	25	25	25	25	25	25	25	25
31 COPD Share	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
32 CWPC Share	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
33 EWEB Share	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
34 FGRV Share	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
35 FREC Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
36 GCPD Share	568	568	568	568	568	568	568	568	568	568	568	568	568	568
37 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
38 KITT Share	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
39 KOOT Share	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
40 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 LVE Share	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
42 MCMN Share	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
43 MTFR Share	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
44 NLEC Share	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45 PGE Share	58	58	58	58	58	58	58	58	58	58	58	58	58	58
46 PPL Share	58	58	58	58	58	58	58	58	58	58	58	58	58	58
47 PSE Share	33	33	33	33	33	33	33	33	33	33	33	33	33	33
48 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
49 SCL Share	31	31	31	31	31	31	31	31	31	31	31	31	31	31
50 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>51 TPU Share</i>	31	31	31	31	31	31	31	31	31	31	31	31	31	31
<i>52 UNEC Share</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>53 UNKMKY Share</i>	54	54	54	54	54	54	54	54	54	54	54	54	54	54
<b>54 Priest Rapids After Enc</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>

**Table A-20: Wanapum and Priest Rapids Allocation  
PNW Loads and Resource Study  
2008 - 2009 Operating Year  
1937 Water Year  
[27] 2004 White Book**

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wanapum-</i>														
1 Wanapum	986	986	986	986	986	986	986	986	986	986	986	986	986	986
2 Wanapum Before Enc	986	986	986	986	986	986	986	986	986	986	986	986	986	986
<i>-Wanapum-</i>														
3 AVWP Share	75	75	75	75	75	75	75	75	75	75	75	75	75	75
4 COPD Share	25	25	25	25	25	25	25	25	25	25	25	25	25	25
5 CWPC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EWEB Share	21	21	21	21	21	21	21	21	21	21	21	21	21	21
7 FGRV Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
8 FREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GCPD Share	332	332	332	332	332	332	332	332	332	332	332	332	332	332
10 ICLP Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 KITT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 KOOT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 LREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 LVE Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 MCMN Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
16 MTFR Share	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
17 NLEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PGE Share	170	170	170	170	170	170	170	170	170	170	170	170	170	170
19 PPL Share	170	170	170	170	170	170	170	170	170	170	170	170	170	170
20 PSE Share	98	98	98	98	98	98	98	98	98	98	98	98	98	98
21 RREC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCL Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SLEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TPU Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 UNEC Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 UNKMK Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Wanapum After Enc	910	910	910	910	910	910	910	910	910	910	910	910	910	910
<i>-Priest Rapids-</i>														
28 Priest Rapids	912	912	912	912	912	912	912	912	912	912	912	912	912	912
29 Priest Rapids Before Enc	912	912	912	912	912	912	912	912	912	912	912	912	912	912
<i>-Priest Rapids-</i>														
30 AVWP Share	25	25	25	25	25	25	25	25	25	25	25	25	25	25
31 COPD Share	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
32 CWPC Share	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
33 EWEB Share	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
34 FGRV Share	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
35 FREC Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
36 GCPD Share	568	568	568	568	568	568	568	568	568	568	568	568	568	568
37 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
38 KITT Share	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
39 KOOT Share	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
40 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 LVE Share	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
42 MCMN Share	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
43 MTFR Share	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
44 NLEC Share	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45 PGE Share	58	58	58	58	58	58	58	58	58	58	58	58	58	58
46 PPL Share	58	58	58	58	58	58	58	58	58	58	58	58	58	58
47 PSE Share	33	33	33	33	33	33	33	33	33	33	33	33	33	33
48 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
49 SCL Share	31	31	31	31	31	31	31	31	31	31	31	31	31	31
50 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>51 TPU Share</i>	31	31	31	31	31	31	31	31	31	31	31	31	31	31
<i>52 UNEC Share</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>53 UNKMKY Share</i>	54	54	54	54	54	54	54	54	54	54	54	54	54	54
<b>54 Priest Rapids After Enc</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wanapum-</i>														
1 Wanapum	986	986	986	986	986	986	986	986	986	986	986	986	986	986
2 Wanapum Before Enc	986	986	986	986	986	986	986	986	986	986	986	986	986	986
<i>-Wanapum-</i>														
3 AVWP Share	75	75	75	75	43	43	36	36	36	36	36	36	36	36
4 COPD Share	25	25	25	25	14	14	12	12	12	12	12	12	12	12
5 CWPC Share	0	0	0	0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
6 EWEB Share	21	21	21	21	12	12	10	10	10	10	10	10	10	10
7 FGRV Share	6.4	6.4	6.4	6.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
8 FREC Share	0	0	0	0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
9 GCPD Share	332	332	332	332	439	439	508	508	508	508	508	508	508	508
10 ICLP Share	0	0	0	0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11 KITT Share	0	0	0	0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
12 KOOT Share	0	0	0	0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
13 LREC Share	0	0	0	0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14 LVE Share	0	0	0	0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
15 MCMN Share	6.4	6.4	6.4	6.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
16 MTRF Share	6.4	6.4	6.4	6.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
17 NLEC Share	0	0	0	0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
18 PGE Share	170	170	170	170	96	96	81	81	81	81	81	81	81	81
19 PPL Share	170	170	170	170	96	96	81	81	81	81	81	81	81	81
20 PSE Share	98	98	98	98	56	56	46	46	46	46	46	46	46	46
21 RREC Share	0	0	0	0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 SCL Share	0	0	0	0	53	53	44	44	44	44	44	44	44	44
23 SLEC Share	0	0	0	0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24 TPU Share	0	0	0	0	53	53	44	44	44	44	44	44	44	44
25 UNEC Share	0	0	0	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
26 UNKMK Share	0	0	0	0	27	27	27	27	27	27	27	27	27	27
27 Wanapum After Enc	910	910	910	910	911	911	911	911	911	911	911	911	911	911
<i>-Priest Rapids-</i>														
28 Priest Rapids	912	912	912	912	912	912	912	912	912	912	912	912	912	912
29 Priest Rapids Before Enc	912	912	912	912	912	912	912	912	912	912	912	912	912	912
<i>-Priest Rapids-</i>														
30 AVWP Share	25	25	25	25	42	42	35	35	35	35	35	35	35	35
31 COPD Share	8.3	8.3	8.3	8.3	14	14	11	11	11	11	11	11	11	11
32 CWPC Share	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
33 EWEB Share	7.1	7.1	7.1	7.1	12	12	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
34 FGRV Share	3.1	3.1	3.1	3.1	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
35 FREC Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
36 GCPD Share	568	568	568	568	431	431	498	498	498	498	498	498	498	498
37 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
38 KITT Share	2.5	2.5	2.5	2.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
39 KOOT Share	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
40 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 LVE Share	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
42 MCMN Share	3.1	3.1	3.1	3.1	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
43 MTRF Share	3.1	3.1	3.1	3.1	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
44 NLEC Share	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45 PGE Share	58	58	58	58	95	95	80	80	80	80	80	80	80	80
46 PPL Share	58	58	58	58	95	95	80	80	80	80	80	80	80	80
47 PSE Share	33	33	33	33	55	55	46	46	46	46	46	46	46	46
48 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
49 SCL Share	31	31	31	31	52	52	43	43	43	43	43	43	43	43
50 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>51 TPU Share</i>	31	31	31	31	52	52	43	43	43	43	43	43	43	43
<i>52 UNEC Share</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>53 UNKMKY Share</i>	54	54	54	54	27	27	27	27	27	27	27	27	27	27
<b>54 Priest Rapids After Enc</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>897</b>	<b>897</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wanapum-</i>														
1 Wanapum	986	986	986	986	986	986	986	986	986	986	986	986	986	986
<b>2 Wanapum Before Enc</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>
<i>-Wanapum-</i>														
3 AVWP Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
4 COPD Share	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5 CWPC Share	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
6 EWEB Share	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7 FGRV Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
8 FREC Share	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
9 GCPD Share	508	508	508	508	510	510	510	510	510	510	510	510	510	510
10 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11 KITT Share	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
12 KOOT Share	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
13 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14 LVE Share	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
15 MCMN Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
16 MTRF Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
17 NLEC Share	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
18 PGE Share	81	81	81	81	80	80	80	80	80	80	80	80	80	80
19 PPL Share	81	81	81	81	80	80	80	80	80	80	80	80	80	80
20 PSE Share	46	46	46	46	46	46	46	46	46	46	46	46	46	46
21 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 SCL Share	44	44	44	44	44	44	44	44	44	44	44	44	44	44
23 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24 TPU Share	44	44	44	44	44	44	44	44	44	44	44	44	44	44
25 UNEC Share	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
26 UNKMK Share	27	27	27	27	27	27	27	27	27	27	27	27	27	27
<b>27 Wanapum After Enc</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>
<i>-Priest Rapids-</i>														
28 Priest Rapids	912	912	912	912	912	912	912	912	912	912	912	912	912	912
<b>29 Priest Rapids Before Enc</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>
<i>-Priest Rapids-</i>														
30 AVWP Share	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31 COPD Share	11	11	11	11	11	11	11	11	11	11	11	11	11	11
32 CWPC Share	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
33 EWEB Share	9.8	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
34 FGRV Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
35 FREC Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
36 GCPD Share	498	498	498	498	503	503	503	503	503	503	503	503	503	503
37 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
38 KITT Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
39 KOOT Share	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
40 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 LVE Share	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
42 MCMN Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
43 MTRF Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
44 NLEC Share	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45 PGE Share	80	80	80	80	79	79	79	79	79	79	79	79	79	79
46 PPL Share	80	80	80	80	79	79	79	79	79	79	79	79	79	79
47 PSE Share	46	46	46	46	45	45	45	45	45	45	45	45	45	45
48 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
49 SCL Share	43	43	43	43	43	43	43	43	43	43	43	43	43	43
50 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>51 TPU Share</i>	43	43	43	43	43	43	43	43	43	43	43	43	43	43
<i>52 UNEC Share</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>53 UNKMKT Share</i>	27	27	27	27	27	27	27	27	27	27	27	27	27	27
<b>54 Priest Rapids After Enc</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>



Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Wanapum-</b>														
1 Wanapum	986	986	986	986	986	986	986	986	986	986	986	986	986	986
<b>2 Wanapum Before Enc</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>
<b>-Wanapum-</b>														
3 AVWP Share	36	36	36	36	35	35	35	35	35	35	35	35	35	35
4 COPD Share	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5 CWPC Share	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
6 EWEB Share	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7 FGRV Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
8 FREC Share	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
9 GCPD Share	510	510	510	510	515	515	515	515	515	515	515	515	515	515
10 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11 KITT Share	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
12 KOOT Share	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
13 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14 LVE Share	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
15 MCMN Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
16 MTRF Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
17 NLEC Share	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
18 PGE Share	80	80	80	80	79	79	79	79	79	79	79	79	79	79
19 PPL Share	80	80	80	80	79	79	79	79	79	79	79	79	79	79
20 PSE Share	46	46	46	46	46	46	46	46	46	46	46	46	46	46
21 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 SCL Share	44	44	44	44	43	43	43	43	43	43	43	43	43	43
23 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24 TPU Share	44	44	44	44	43	43	43	43	43	43	43	43	43	43
25 UNEC Share	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
26 UNKMK Share	27	27	27	27	27	27	27	27	27	27	27	27	27	27
<b>27 Wanapum After Enc</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>
<b>-Priest Rapids-</b>														
28 Priest Rapids	912	912	912	912	912	912	912	912	912	912	912	912	912	912
<b>29 Priest Rapids Before Enc</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>
<b>-Priest Rapids-</b>														
30 AVWP Share	35	35	35	35	34	34	34	34	34	34	34	34	34	34
31 COPD Share	11	11	11	11	11	11	11	11	11	11	11	11	11	11
32 CWPC Share	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
33 EWEB Share	9.7	9.7	9.7	9.7	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
34 FGRV Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
35 FREC Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
36 GCPD Share	503	503	503	503	506	506	506	506	506	506	506	506	506	506
37 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
38 KITT Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
39 KOOT Share	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
40 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 LVE Share	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
42 MCMN Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
43 MTRF Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
44 NLEC Share	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45 PGE Share	79	79	79	79	78	78	78	78	78	78	78	78	78	78
46 PPL Share	79	79	79	79	78	78	78	78	78	78	78	78	78	78
47 PSE Share	45	45	45	45	45	45	45	45	45	45	45	45	45	45
48 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
49 SCL Share	43	43	43	43	42	42	42	42	42	42	42	42	42	42
50 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>51 TPU Share</i>	43	43	43	43	42	42	42	42	42	42	42	42	42	42
<i>52 UNEC Share</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>53 UNKMKT Share</i>	27	27	27	27	27	27	27	27	27	27	27	27	27	27
<b>54 Priest Rapids After Enc</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Wanapum-</b>														
1 Wanapum	986	986	986	986	986	986	986	986	986	986	986	986	986	986
<b>2 Wanapum Before Enc</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>
<b>-Wanapum-</b>														
3 AVWP Share	35	35	35	35	35	35	35	35	35	35	35	35	35	35
4 COPD Share	12	12	12	12	11	11	11	11	11	11	11	11	11	11
5 CWPC Share	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
6 EWEB Share	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7 FGRV Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
8 FREC Share	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
9 GCPD Share	515	515	515	515	521	521	521	521	521	521	521	521	521	521
10 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11 KITT Share	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
12 KOOT Share	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
13 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14 LVE Share	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
15 MCMN Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
16 MTRF Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
17 NLEC Share	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
18 PGE Share	79	79	79	79	78	78	78	78	78	78	78	78	78	78
19 PPL Share	79	79	79	79	78	78	78	78	78	78	78	78	78	78
20 PSE Share	46	46	46	46	45	45	45	45	45	45	45	45	45	45
21 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 SCL Share	43	43	43	43	42	42	42	42	42	42	42	42	42	42
23 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24 TPU Share	43	43	43	43	42	42	42	42	42	42	42	42	42	42
25 UNEC Share	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
26 UNKMKT Share	27	27	27	27	27	27	27	27	27	27	27	27	27	27
<b>27 Wanapum After Enc</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>
<b>-Priest Rapids-</b>														
28 Priest Rapids	912	912	912	912	912	912	912	912	912	912	912	912	912	912
<b>29 Priest Rapids Before Enc</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>
<b>-Priest Rapids-</b>														
30 AVWP Share	34	34	34	34	34	34	34	34	34	34	34	34	34	34
31 COPD Share	11	11	11	11	11	11	11	11	11	11	11	11	11	11
32 CWPC Share	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
33 EWEB Share	9.6	9.6	9.6	9.6	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
34 FGRV Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
35 FREC Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
36 GCPD Share	506	506	506	506	512	512	512	512	512	512	512	512	512	512
37 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
38 KITT Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
39 KOOT Share	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
40 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 LVE Share	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
42 MCMN Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
43 MTRF Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
44 NLEC Share	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45 PGE Share	78	78	78	78	77	77	77	77	77	77	77	77	77	77
46 PPL Share	78	78	78	78	77	77	77	77	77	77	77	77	77	77
47 PSE Share	45	45	45	45	44	44	44	44	44	44	44	44	44	44
48 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
49 SCL Share	42	42	42	42	42	42	42	42	42	42	42	42	42	42
50 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>51 TPU Share</i>	42	42	42	42	42	42	42	42	42	42	42	42	42	42
<i>52 UNEC Share</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>53 UNKMKY Share</i>	27	27	27	27	27	27	27	27	27	27	27	27	27	27
<b>54 Priest Rapids After Enc</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>

**Table A-20: Wanapum and Priest Rapids Allocation  
PNW Loads and Resource Study  
2013 - 2014 Operating Year  
1937 Water Year  
[27] 2004 White Book**

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Wanapum-</i>														
<i>1 Wanapum</i>	986	986	986	986	986	986	986	986	986	986	986	986	986	986
<b>2 Wanapum Before Enc</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>	<b>986</b>
<i>-Wanapum-</i>														
<i>3 AVWP Share</i>	35	35	35	35	34	34	34	34	34	34	34	34	34	34
<i>4 COPD Share</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>5 CWPC Share</i>	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<i>6 EWEB Share</i>	10	10	10	10	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
<i>7 FGRV Share</i>	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
<i>8 FREC Share</i>	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
<i>9 GCPD Share</i>	521	521	521	521	524	524	524	524	524	524	524	524	524	524
<i>10 ICLP Share</i>	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
<i>11 KITT Share</i>	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<i>12 KOOT Share</i>	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
<i>13 LREC Share</i>	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
<i>14 LVE Share</i>	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
<i>15 MCMN Share</i>	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
<i>16 MTRF Share</i>	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
<i>17 NLEC Share</i>	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
<i>18 PGE Share</i>	78	78	78	78	77	77	77	77	77	77	77	77	77	77
<i>19 PPL Share</i>	78	78	78	78	77	77	77	77	77	77	77	77	77	77
<i>20 PSE Share</i>	45	45	45	45	45	45	45	45	45	45	45	45	45	45
<i>21 RREC Share</i>	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
<i>22 SCL Share</i>	42	42	42	42	42	42	42	42	42	42	42	42	42	42
<i>23 SLEC Share</i>	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
<i>24 TPU Share</i>	42	42	42	42	42	42	42	42	42	42	42	42	42	42
<i>25 UNEC Share</i>	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<i>26 UNKMK Share</i>	27	27	27	27	27	27	27	27	27	27	27	27	27	27
<b>27 Wanapum After Enc</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>	<b>911</b>
<i>-Priest Rapids-</i>														
<i>28 Priest Rapids</i>	912	912	912	912	912	912	912	912	912	912	912	912	912	912
<b>29 Priest Rapids Before Enc</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>	<b>912</b>
<i>-Priest Rapids-</i>														
<i>30 AVWP Share</i>	34	34	34	34	33	33	33	33	33	33	33	33	33	33
<i>31 COPD Share</i>	11	11	11	11	11	11	11	11	11	11	11	11	11	11
<i>32 CWPC Share</i>	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
<i>33 EWEB Share</i>	9.4	9.4	9.4	9.4	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
<i>34 FGRV Share</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>35 FREC Share</i>	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
<i>36 GCPD Share</i>	512	512	512	512	516	516	516	516	516	516	516	516	516	516
<i>37 ICLP Share</i>	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
<i>38 KITT Share</i>	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
<i>39 KOOT Share</i>	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
<i>40 LREC Share</i>	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
<i>41 LVE Share</i>	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
<i>42 MCMN Share</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>43 MTRF Share</i>	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
<i>44 NLEC Share</i>	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<i>45 PGE Share</i>	77	77	77	77	76	76	76	76	76	76	76	76	76	76
<i>46 PPL Share</i>	77	77	77	77	76	76	76	76	76	76	76	76	76	76
<i>47 PSE Share</i>	44	44	44	44	44	44	44	44	44	44	44	44	44	44
<i>48 RREC Share</i>	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
<i>49 SCL Share</i>	42	42	42	42	41	41	41	41	41	41	41	41	41	41
<i>50 SLEC Share</i>	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>51 TPU Share</i>	42	42	42	42	41	41	41	41	41	41	41	41	41	41
<i>52 UNEC Share</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>53 UNKMKT Share</i>	27	27	27	27	27	27	27	27	27	27	27	27	27	27
<b>54 Priest Rapids After Enc</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Wanapum-</b>														
1 Wanapum	986	986	986	986	986	986	986	986	986	986	986	986	986	986
2 Wanapum Before Enc	986	986	986	986	986	986	986	986	986	986	986	986	986	986
<b>-Wanapum-</b>														
3 AVWP Share	34	34	34	34	34	34	34	34	34	34	34	34	34	34
4 COPD Share	11	11	11	11	11	11	11	11	11	11	11	11	11	11
5 CWPC Share	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
6 EWEB Share	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
7 FGRV Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
8 FREC Share	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
9 GCPD Share	524	524	524	524	531	531	531	531	531	531	531	531	531	531
10 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11 KITT Share	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
12 KOOT Share	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
13 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14 LVE Share	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
15 MCMN Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
16 MTFR Share	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
17 NLEC Share	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
18 PGE Share	77	77	77	77	76	76	76	76	76	76	76	76	76	76
19 PPL Share	77	77	77	77	76	76	76	76	76	76	76	76	76	76
20 PSE Share	45	45	45	45	44	44	44	44	44	44	44	44	44	44
21 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22 SCL Share	42	42	42	42	41	41	41	41	41	41	41	41	41	41
23 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24 TPU Share	42	42	42	42	41	41	41	41	41	41	41	41	41	41
25 UNEC Share	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
26 UNMKMT Share	27	27	27	27	27	27	27	27	27	27	27	27	27	27
27 Wanapum After Enc	911	911	911	911	911	911	911	911	911	911	911	911	911	911
<b>-Priest Rapids-</b>														
28 Priest Rapids	912	912	912	912	912	912	912	912	912	912	912	912	912	912
29 Priest Rapids Before Enc	912	912	912	912	912	912	912	912	912	912	912	912	912	912
<b>-Priest Rapids-</b>														
30 AVWP Share	33	33	33	33	33	33	33	33	33	33	33	33	33	33
31 COPD Share	11	11	11	11	11	11	11	11	11	11	11	11	11	11
32 CWPC Share	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
33 EWEB Share	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
34 FGRV Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
35 FREC Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
36 GCPD Share	516	516	516	516	521	521	521	521	521	521	521	521	521	521
37 ICLP Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
38 KITT Share	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
39 KOOT Share	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
40 LREC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
41 LVE Share	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
42 MCMN Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
43 MTFR Share	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
44 NLEC Share	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45 PGE Share	76	76	76	76	75	75	75	75	75	75	75	75	75	75
46 PPL Share	76	76	76	76	75	75	75	75	75	75	75	75	75	75
47 PSE Share	44	44	44	44	43	43	43	43	43	43	43	43	43	43
48 RREC Share	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
49 SCL Share	41	41	41	41	41	41	41	41	41	41	41	41	41	41
50 SLEC Share	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Table A-20: Wanapum and Priest Rapids Allocation  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>51 TPU Share</i>	41	41	41	41	41	41	41	41	41	41	41	41	41	41
<i>52 UNEC Share</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>53 UNKMKT Share</i>	27	27	27	27	27	27	27	27	27	27	27	27	27	27
<b>54 Priest Rapids After Enc</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>896</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>	<b>897</b>



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Table A-21  
Swift #1 and Swift #2 Allocation  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

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Loads and Resources Information System

Table A-21: Swift #1 and Swift #2 Allocation  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Swift 1-</i>														
1 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
2 Swift 1 Before Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 1-</i>														
3 COPD Share	70	69	63	69	60	49	42	36	39	41	36	50	68	69
4 PPL Share	198	197	180	196	170	139	120	104	112	117	102	143	194	196
5 Swift 1 After Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 2-</i>														
6 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
7 Swift 2 Before Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60
<i>-Swift 2-</i>														
8 COPD Share	15	15	16	16	16	16	20	20	20	20	15	18	17	16
9 PPL Share	43	43	44	46	46	46	56	56	56	56	44	52	50	44
10 Swift 2 After Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60

Table A-21: Swift #1 and Swift #2 Allocation  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Swift 1-</i>														
1 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
2 Swift 1 Before Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 1-</i>														
3 COPD Share	70	69	63	69	60	49	42	36	39	41	36	50	68	69
4 PPL Share	198	197	180	196	170	139	120	104	112	117	102	143	194	196
5 Swift 1 After Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 2-</i>														
6 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
7 Swift 2 Before Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60
<i>-Swift 2-</i>														
8 COPD Share	15	15	16	16	16	16	20	20	20	20	15	18	17	16
9 PPL Share	43	43	44	46	46	46	56	56	56	56	44	52	50	44
10 Swift 2 After Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60

Table A-21: Swift #1 and Swift #2 Allocation  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Swift 1-</i>														
1 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
2 Swift 1 Before Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 1-</i>														
3 COPD Share	70	69	63	69	60	49	42	36	39	41	36	50	68	69
4 PPL Share	198	197	180	196	170	139	120	104	112	117	102	143	194	196
5 Swift 1 After Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 2-</i>														
6 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
7 Swift 2 Before Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60
<i>-Swift 2-</i>														
8 COPD Share	15	15	16	16	16	16	20	20	20	20	15	18	17	16
9 PPL Share	43	43	44	46	46	46	56	56	56	56	44	52	50	44
10 Swift 2 After Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60

Table A-21: Swift #1 and Swift #2 Allocation  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Swift 1-</i>														
1 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
2 Swift 1 Before Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 1-</i>														
3 COPD Share	70	69	63	69	60	49	42	36	39	41	36	50	68	69
4 PPL Share	198	197	180	196	170	139	120	104	112	117	102	143	194	196
5 Swift 1 After Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 2-</i>														
6 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
7 Swift 2 Before Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60
<i>-Swift 2-</i>														
8 COPD Share	15	15	16	16	16	16	20	20	20	20	15	18	17	16
9 PPL Share	43	43	44	46	46	46	56	56	56	56	44	52	50	44
10 Swift 2 After Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60

Table A-21: Swift #1 and Swift #2 Allocation  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Swift 1-</i>														
1 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
2 Swift 1 Before Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 1-</i>														
3 COPD Share	70	69	63	69	60	49	42	36	39	41	36	50	68	69
4 PPL Share	198	197	180	196	170	139	120	104	112	117	102	143	194	196
5 Swift 1 After Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 2-</i>														
6 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
7 Swift 2 Before Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60
<i>-Swift 2-</i>														
8 COPD Share	15	15	16	16	16	16	20	20	20	20	15	18	17	16
9 PPL Share	43	43	44	46	46	46	56	56	56	56	44	52	50	44
10 Swift 2 After Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60

Table A-21: Swift #1 and Swift #2 Allocation  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Swift 1-</i>														
1 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
2 Swift 1 Before Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 1-</i>														
3 COPD Share	70	69	63	69	60	49	42	36	39	41	36	50	68	69
4 PPL Share	198	197	180	196	170	139	120	104	112	117	102	143	194	196
5 Swift 1 After Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 2-</i>														
6 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
7 Swift 2 Before Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60
<i>-Swift 2-</i>														
8 COPD Share	15	15	16	16	16	16	20	20	20	20	15	18	17	16
9 PPL Share	43	43	44	46	46	46	56	56	56	56	44	52	50	44
10 Swift 2 After Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60



Table A-21: Swift #1 and Swift #2 Allocation  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Swift 1-</i>														
1 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
2 Swift 1 Before Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 1-</i>														
3 COPD Share	70	69	63	69	60	49	42	36	39	41	36	50	68	69
4 PPL Share	198	197	180	196	170	139	120	104	112	117	102	143	194	196
5 Swift 1 After Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 2-</i>														
6 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
7 Swift 2 Before Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60
<i>-Swift 2-</i>														
8 COPD Share	15	15	16	16	16	16	20	20	20	20	15	18	17	16
9 PPL Share	43	43	44	46	46	46	56	56	56	56	44	52	50	44
10 Swift 2 After Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60

Table A-21: Swift #1 and Swift #2 Allocation  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Swift 1-</i>														
1 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
2 Swift 1 Before Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 1-</i>														
3 COPD Share	70	69	63	69	60	49	42	36	39	41	36	50	68	69
4 PPL Share	198	197	180	196	170	139	120	104	112	117	102	143	194	196
5 Swift 1 After Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 2-</i>														
6 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
7 Swift 2 Before Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60
<i>-Swift 2-</i>														
8 COPD Share	15	15	16	16	16	16	20	20	20	20	15	18	17	16
9 PPL Share	43	43	44	46	46	46	56	56	56	56	44	52	50	44
10 Swift 2 After Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60

Table A-21: Swift #1 and Swift #2 Allocation  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Swift 1-</i>														
1 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
2 Swift 1 Before Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 1-</i>														
3 COPD Share	70	69	63	69	60	49	42	36	39	41	36	50	68	69
4 PPL Share	198	197	180	196	170	139	120	104	112	117	102	143	194	196
5 Swift 1 After Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 2-</i>														
6 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
7 Swift 2 Before Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60
<i>-Swift 2-</i>														
8 COPD Share	15	15	16	16	16	16	20	20	20	20	15	18	17	16
9 PPL Share	43	43	44	46	46	46	56	56	56	56	44	52	50	44
10 Swift 2 After Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60

Table A-21: Swift #1 and Swift #2 Allocation  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Swift 1-</i>														
1 Swift 1	268	267	243	264	229	188	162	140	152	158	138	193	263	265
2 Swift 1 Before Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 1-</i>														
3 COPD Share	70	69	63	69	60	49	42	36	39	41	36	50	68	69
4 PPL Share	198	197	180	196	170	139	120	104	112	117	102	143	194	196
5 Swift 1 After Enc	268	267	243	264	229	188	162	140	152	158	138	193	263	265
<i>-Swift 2-</i>														
6 Swift 2	58	58	60	62	62	62	76	76	76	76	59	70	67	60
7 Swift 2 Before Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60
<i>-Swift 2-</i>														
8 COPD Share	15	15	16	16	16	16	20	20	20	20	15	18	17	16
9 PPL Share	43	43	44	46	46	46	56	56	56	56	44	52	50	44
10 Swift 2 After Enc	58	58	60	62	62	62	76	76	76	76	59	70	67	60

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Table A-22  
BPA Power Sales Contracts  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

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Loads and Resources Information System

Table A-22: BPA Power Sale Contracts  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

10/31/2005

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal Entities-</b>														
1 Federal Entities	229	229	179	205	212	203	224	212	202	189	189	185	198	193
2 Total Federal Entities	229	229	179	205	212	203	224	212	202	189	189	185	198	193
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	265	265	265	272	272	272	272	272	272	272	272	272	272	272
6 Total Direct Service Industry	265	265	265	272	272	272	272	272	272	272	272	272	272	272
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	1926	1926	2051	2304	2625	2904	3100	3027	2825	2390	2380	2412	2010	1965
8 Total Generating Public Entities	1926	1926	2051	2304	2625	2904	3100	3027	2825	2390	2380	2412	2010	1965
<b>-Generating Public Entities (Slice)-</b>														
9 Generating Public Entities (Slice)	1826	1481	1045	1340	1376	1370	1124	1066	1194	1092	1028	1244	1603	1640
10 Total Generating Public Entities (Slice)	1826	1481	1045	1340	1376	1370	1124	1066	1194	1092	1028	1244	1603	1640
<b>-Non-Generating Public Entities-</b>														
11 Non-Generating Public Entities	3504	3504	3327	3838	4035	4255	4560	4375	3991	3772	3772	3591	3532	3644
12 Total Non-Generating Public Entities	3504	3504	3327	3838	4035	4255	4560	4375	3991	3772	3772	3591	3532	3644
<b>-Non-Generating Public Entities (Slice)-</b>														
13 Non-Generating Public Entities (Slice)	1096	889	627	805	826	823	675	640	717	656	617	747	963	985
14 Total Non-Generating Public Entities (Slice)	1096	889	627	805	826	823	675	640	717	656	617	747	963	985
<b>-Investor-Owned Entities-</b>														
15 Investor-Owned Entities	382	382	382	382	382	382	382	382	382	382	382	382	382	382
16 Total Investor-Owned Entities	382	382	382	382	382	382	382	382	382	382	382	382	382	382
<b>-Other Entities-</b>														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Power Sales Contracts-</b>														
19 Federal Entities	229	229	179	205	212	203	224	212	202	189	189	185	198	193
20 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
21 Direct Service Industry	265	265	265	272	272	272	272	272	272	272	272	272	272	272
22 Generating Public Entities	3752	3406	3096	3644	4001	4274	4224	4093	4019	3482	3408	3656	3613	3606
23 Non-Generating Public Entities	4601	4393	3954	4643	4862	5077	5235	5015	4708	4428	4389	4338	4495	4629
24 Investor-Owned Entities	382	382	382	382	382	382	382	382	382	382	382	382	382	382
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	9508	8922	8033	9285	9730	10208	10338	9975	9620	9019	8969	9092	9233	9371

Table A-22: BPA Power Sale Contracts  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

10/31/2005

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal Entities-</b>														
1 Federal Entities	227	227	179	220	229	217	242	228	217	201	201	196	213	207
2 Total Federal Entities	227	227	179	220	229	217	242	228	217	201	201	196	213	207
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	272	272	272	0	0	0	0	0	0	0	0	0	0	0
6 Total Direct Service Industry	272	272	272	0	0	0	0	0	0	0	0	0	0	0
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	1881	1901	2115	2646	2987	3313	3330	3281	3070	2711	2711	2442	2097	2114
8 Total Generating Public Entities	1881	1901	2115	2646	2987	3313	3330	3281	3070	2711	2711	2442	2097	2114
<b>-Generating Public Entities (Slice)-</b>														
9 Generating Public Entities (Slice)	1824	1480	1044	1342	1378	1370	1125	1065	1192	1093	1030	1116	1478	1643
10 Total Generating Public Entities (Slice)	1824	1480	1044	1342	1378	1370	1125	1065	1192	1093	1030	1116	1478	1643
<b>-Non-Generating Public Entities-</b>														
11 Non-Generating Public Entities	3552	3552	3383	3972	4175	4363	4677	4481	4100	3839	3839	3675	3659	3784
12 Total Non-Generating Public Entities	3552	3552	3383	3972	4175	4363	4677	4481	4100	3839	3839	3675	3659	3784
<b>-Non-Generating Public Entities (Slice)-</b>														
13 Non-Generating Public Entities (Slice)	1095	889	627	806	827	823	676	640	716	656	618	670	887	986
14 Total Non-Generating Public Entities (Slice)	1095	889	627	806	827	823	676	640	716	656	618	670	887	986
<b>-Investor-Owned Entities-</b>														
15 Investor-Owned Entities	382	382	382	0	0	0	0	0	0	0	0	0	0	0
16 Total Investor-Owned Entities	382	382	382	0	0	0	0	0	0	0	0	0	0	0
<b>-Other Entities-</b>														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Power Sales Contracts-</b>														
19 Federal Entities	227	227	179	220	229	217	242	228	217	201	201	196	213	207
20 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
21 Direct Service Industry	272	272	272	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	3705	3381	3158	3989	4365	4684	4455	4346	4262	3804	3740	3558	3574	3756
23 Non-Generating Public Entities	4647	4441	4010	4778	5003	5186	5353	5121	4816	4495	4457	4345	4546	4770
24 Investor-Owned Entities	382	382	382	0	0	0	0	0	0	0	0	0	0	0
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	9514	8950	8158	9125	9597	10086	10050	9696	9332	8766	8728	8359	8606	9023



Table A-22: BPA Power Sale Contracts  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal Entities-</b>														
1 Federal Entities	249	249	191	234	243	229	257	243	230	213	213	205	226	219
2 Total Federal Entities	249	249	191	234	243	229	257	243	230	213	213	205	226	219
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	2207	2207	2461	2651	3005	3333	3346	3300	3088	2709	2709	2459	2129	2116
8 Total Generating Public Entities	2207	2207	2461	2651	3005	3333	3346	3300	3088	2709	2709	2459	2129	2116
<b>-Generating Public Entities (Slice)-</b>														
9 Generating Public Entities (Slice)	1829	1488	1048	1357	1394	1385	1139	1078	1202	1104	1041	1255	1620	1658
10 Total Generating Public Entities (Slice)	1829	1488	1048	1357	1394	1385	1139	1078	1202	1104	1041	1255	1620	1658
<b>-Non-Generating Public Entities-</b>														
11 Non-Generating Public Entities	3706	3706	3504	4019	4226	4415	4734	4536	4151	3886	3886	3721	3703	3829
12 Total Non-Generating Public Entities	3706	3706	3504	4019	4226	4415	4734	4536	4151	3886	3886	3721	3703	3829
<b>-Non-Generating Public Entities (Slice)-</b>														
13 Non-Generating Public Entities (Slice)	1098	894	629	815	837	831	684	647	722	663	625	754	973	995
14 Total Non-Generating Public Entities (Slice)	1098	894	629	815	837	831	684	647	722	663	625	754	973	995
<b>-Investor-Owned Entities-</b>														
15 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Total Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Other Entities-</b>														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Power Sales Contracts-</b>														
19 Federal Entities	249	249	191	234	243	229	257	243	230	213	213	205	226	219
20 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	4036	3695	3509	4008	4400	4717	4485	4377	4290	3813	3750	3714	3749	3774
23 Non-Generating Public Entities	4804	4599	4134	4834	5063	5247	5418	5183	4873	4549	4511	4474	4676	4825
24 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	9370	8790	7990	9214	9705	10193	10160	9803	9429	8842	8804	8654	8923	9108

Table A-22: BPA Power Sale Contracts  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal Entities-</b>														
1 Federal Entities	268	268	201	258	270	251	286	269	253	233	233	222	251	242
2 Total Federal Entities	268	268	201	258	270	251	286	269	253	233	233	222	251	242
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	2238	2238	2464	2665	3038	3327	3365	3318	3105	2722	2722	2488	2125	2128
8 Total Generating Public Entities	2238	2238	2464	2665	3038	3327	3365	3318	3105	2722	2722	2488	2125	2128
<b>-Generating Public Entities (Slice)-</b>														
9 Generating Public Entities (Slice)	1837	1498	1056	1360	1398	1387	1142	1080	1203	1109	1046	1130	1496	1663
10 Total Generating Public Entities (Slice)	1837	1498	1056	1360	1398	1387	1142	1080	1203	1109	1046	1130	1496	1663
<b>-Non-Generating Public Entities-</b>														
11 Non-Generating Public Entities	3750	3750	3548	4063	4272	4463	4785	4583	4197	3929	3929	3762	3744	3870
12 Total Non-Generating Public Entities	3750	3750	3548	4063	4272	4463	4785	4583	4197	3929	3929	3762	3744	3870
<b>-Non-Generating Public Entities (Slice)-</b>														
13 Non-Generating Public Entities (Slice)	1103	899	634	817	839	833	686	648	723	666	628	679	898	999
14 Total Non-Generating Public Entities (Slice)	1103	899	634	817	839	833	686	648	723	666	628	679	898	999
<b>-Investor-Owned Entities-</b>														
15 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Total Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Other Entities-</b>														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Power Sales Contracts-</b>														
19 Federal Entities	268	268	201	258	270	251	286	269	253	233	233	222	251	242
20 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	4075	3736	3519	4025	4436	4714	4507	4398	4309	3831	3768	3618	3622	3792
23 Non-Generating Public Entities	4853	4649	4182	4880	5111	5296	5470	5231	4919	4595	4557	4441	4642	4869
24 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	9477	8900	8059	9301	9817	10262	10264	9898	9518	8926	8888	8541	8786	9193

Table A-22: BPA Power Sale Contracts  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal Entities-</b>														
1 Federal Entities	305	305	220	260	272	253	288	271	255	235	235	224	252	244
2 Total Federal Entities	305	305	220	260	272	253	288	271	255	235	235	224	252	244
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	2250	2250	2476	2681	3055	3344	3383	3335	3122	2738	2738	2503	2139	2142
8 Total Generating Public Entities	2250	2250	2476	2681	3055	3344	3383	3335	3122	2738	2738	2503	2139	2142
<b>-Generating Public Entities (Slice)-</b>														
9 Generating Public Entities (Slice)	1826	1489	1045	1351	1389	1378	1133	1070	1192	1099	1035	1248	1616	1654
10 Total Generating Public Entities (Slice)	1826	1489	1045	1351	1389	1378	1133	1070	1192	1099	1035	1248	1616	1654
<b>-Non-Generating Public Entities-</b>														
11 Non-Generating Public Entities	3791	3791	3588	4110	4321	4515	4846	4642	4252	3982	3982	3813	3793	3921
12 Total Non-Generating Public Entities	3791	3791	3588	4110	4321	4515	4846	4642	4252	3982	3982	3813	3793	3921
<b>-Non-Generating Public Entities (Slice)-</b>														
13 Non-Generating Public Entities (Slice)	1097	894	628	811	834	827	680	642	716	660	622	749	970	993
14 Total Non-Generating Public Entities (Slice)	1097	894	628	811	834	827	680	642	716	660	622	749	970	993
<b>-Investor-Owned Entities-</b>														
15 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Total Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Other Entities-</b>														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Power Sales Contracts-</b>														
19 Federal Entities	305	305	220	260	272	253	288	271	255	235	235	224	252	244
20 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	4077	3739	3521	4032	4444	4722	4516	4405	4314	3836	3773	3751	3754	3796
23 Non-Generating Public Entities	4887	4684	4215	4921	5155	5342	5526	5285	4968	4641	4603	4563	4763	4914
24 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	9549	8975	8112	9352	9871	10317	10330	9960	9574	8979	8941	8798	9042	9245

Table A-22: BPA Power Sale Contracts  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal Entities-</b>														
1 Federal Entities	307	307	221	262	274	255	291	273	257	237	237	226	254	246
2 Total Federal Entities	307	307	221	262	274	255	291	273	257	237	237	226	254	246
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	2264	2264	2490	2711	3054	3362	3401	3352	3139	2755	2755	2518	2152	2172
8 Total Generating Public Entities	2264	2264	2490	2711	3054	3362	3401	3352	3139	2755	2755	2518	2152	2172
<b>-Generating Public Entities (Slice)-</b>														
9 Generating Public Entities (Slice)	1830	1493	1049	1356	1395	1382	1137	1074	1196	1102	1038	1122	1490	1658
10 Total Generating Public Entities (Slice)	1830	1493	1049	1356	1395	1382	1137	1074	1196	1102	1038	1122	1490	1658
<b>-Non-Generating Public Entities-</b>														
11 Non-Generating Public Entities	3840	3840	3636	4165	4378	4574	4900	4694	4300	4026	4026	3856	3835	3964
12 Total Non-Generating Public Entities	3840	3840	3636	4165	4378	4574	4900	4694	4300	4026	4026	3856	3835	3964
<b>-Non-Generating Public Entities (Slice)-</b>														
13 Non-Generating Public Entities (Slice)	1099	897	630	814	837	830	683	645	718	661	623	674	895	995
14 Total Non-Generating Public Entities (Slice)	1099	897	630	814	837	830	683	645	718	661	623	674	895	995
<b>-Investor-Owned Entities-</b>														
15 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Total Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Other Entities-</b>														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Power Sales Contracts-</b>														
19 Federal Entities	307	307	221	262	274	255	291	273	257	237	237	226	254	246
20 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	4094	3757	3538	4067	4448	4744	4539	4426	4335	3856	3793	3640	3642	3829
23 Non-Generating Public Entities	4939	4737	4266	4979	5215	5404	5583	5339	5018	4688	4650	4530	4729	4959
24 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	9620	9047	8182	9447	9938	10403	10412	10038	9647	9047	9008	8656	8898	9325

Table A-22: BPA Power Sale Contracts  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal Entities-</b>														
1 Federal Entities	308	308	223	264	276	257	293	275	259	239	239	227	256	248
2 Total Federal Entities	308	308	223	264	276	257	293	275	259	239	239	227	256	248
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	2264	2264	2504	2807	3166	3452	3508	3494	3242	2854	2854	2623	2260	2285
8 Total Generating Public Entities	2264	2264	2504	2807	3166	3452	3508	3494	3242	2854	2854	2623	2260	2285
<b>-Generating Public Entities (Slice)-</b>														
9 Generating Public Entities (Slice)	1831	1496	1050	1358	1397	1384	1140	1076	1197	1103	1039	1252	1621	1660
10 Total Generating Public Entities (Slice)	1831	1496	1050	1358	1397	1384	1140	1076	1197	1103	1039	1252	1621	1660
<b>-Non-Generating Public Entities-</b>														
11 Non-Generating Public Entities	3878	3878	3673	4195	4404	4599	4927	4703	4311	4043	4043	3862	3851	3995
12 Total Non-Generating Public Entities	3878	3878	3673	4195	4404	4599	4927	4703	4311	4043	4043	3862	3851	3995
<b>-Non-Generating Public Entities (Slice)-</b>														
13 Non-Generating Public Entities (Slice)	1100	898	630	816	839	831	684	646	719	662	624	752	973	997
14 Total Non-Generating Public Entities (Slice)	1100	898	630	816	839	831	684	646	719	662	624	752	973	997
<b>-Investor-Owned Entities-</b>														
15 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Total Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Other Entities-</b>														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Power Sales Contracts-</b>														
19 Federal Entities	308	308	223	264	276	257	293	275	259	239	239	227	256	248
20 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	4095	3760	3554	4165	4563	4836	4648	4570	4439	3958	3894	3875	3880	3946
23 Non-Generating Public Entities	4977	4776	4304	5010	5243	5430	5611	5348	5030	4705	4667	4614	4824	4991
24 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	9662	9091	8237	9579	10082	10523	10551	10193	9765	9168	9129	8976	9233	9475

Table A-22: BPA Power Sale Contracts  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal Entities-</b>														
1 Federal Entities	310	310	225	264	276	258	295	277	261	241	241	229	258	250
2 Total Federal Entities	310	310	225	264	276	258	295	277	261	241	241	229	258	250
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	2375	2375	2602	2821	3179	3464	3525	3502	3257	2869	2869	2637	2272	2299
8 Total Generating Public Entities	2375	2375	2602	2821	3179	3464	3525	3502	3257	2869	2869	2637	2272	2299
<b>-Generating Public Entities (Slice)-</b>														
9 Generating Public Entities (Slice)	1833	1498	1051	1361	1400	1387	1142	1078	1199	1106	1041	1125	1495	1663
10 Total Generating Public Entities (Slice)	1833	1498	1051	1361	1400	1387	1142	1078	1199	1106	1041	1125	1495	1663
<b>-Non-Generating Public Entities-</b>														
11 Non-Generating Public Entities	3905	3905	3702	4212	4423	4619	4976	4750	4354	4084	4084	3902	3890	4035
12 Total Non-Generating Public Entities	3905	3905	3702	4212	4423	4619	4976	4750	4354	4084	4084	3902	3890	4035
<b>-Non-Generating Public Entities (Slice)-</b>														
13 Non-Generating Public Entities (Slice)	1101	900	631	817	841	833	686	647	720	664	625	675	897	999
14 Total Non-Generating Public Entities (Slice)	1101	900	631	817	841	833	686	647	720	664	625	675	897	999
<b>-Investor-Owned Entities-</b>														
15 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Total Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Other Entities-</b>														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Power Sales Contracts-</b>														
19 Federal Entities	310	310	225	264	276	258	295	277	261	241	241	229	258	250
20 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	4208	3873	3654	4182	4579	4851	4667	4579	4455	3975	3911	3761	3767	3962
23 Non-Generating Public Entities	5006	4805	4333	5030	5264	5452	5662	5397	5074	4748	4709	4577	4787	5033
24 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	9805	9235	8368	9614	10119	10560	10624	10253	9827	9229	9190	8828	9084	9535

Table A-22: BPA Power Sale Contracts  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

10/31/2005

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal Entities-</b>														
1 Federal Entities	312	312	227	266	278	260	297	279	263	242	242	231	260	252
2 Total Federal Entities	312	312	227	266	278	260	297	279	263	242	242	231	260	252
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	2388	2388	2617	2838	3198	3483	3543	3519	3274	2885	2885	2651	2287	2314
8 Total Generating Public Entities	2388	2388	2617	2838	3198	3483	3543	3519	3274	2885	2885	2651	2287	2314
<b>-Generating Public Entities (Slice)-</b>														
9 Generating Public Entities (Slice)	1834	1501	1052	1363	1403	1389	1144	1079	1200	1108	1043	1255	1626	1666
10 Total Generating Public Entities (Slice)	1834	1501	1052	1363	1403	1389	1144	1079	1200	1108	1043	1255	1626	1666
<b>-Non-Generating Public Entities-</b>														
11 Non-Generating Public Entities	3944	3944	3740	4258	4471	4668	5029	4800	4401	4128	4128	3944	3931	4077
12 Total Non-Generating Public Entities	3944	3944	3740	4258	4471	4668	5029	4800	4401	4128	4128	3944	3931	4077
<b>-Non-Generating Public Entities (Slice)-</b>														
13 Non-Generating Public Entities (Slice)	1101	901	632	818	842	834	687	648	720	665	626	754	976	1000
14 Total Non-Generating Public Entities (Slice)	1101	901	632	818	842	834	687	648	720	665	626	754	976	1000
<b>-Investor-Owned Entities-</b>														
15 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Total Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Other Entities-</b>														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Power Sales Contracts-</b>														
19 Federal Entities	312	312	227	266	278	260	297	279	263	242	242	231	260	252
20 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	4222	3889	3669	4201	4601	4872	4687	4598	4474	3993	3928	3906	3913	3980
23 Non-Generating Public Entities	5045	4845	4372	5076	5313	5502	5715	5448	5122	4793	4754	4698	4907	5077
24 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	9860	9293	8424	9682	10192	10633	10699	10326	9895	9295	9255	9095	9352	9599

Table A-22: BPA Power Sale Contracts  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

10/31/2005

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-Federal Entities-</b>														
1 Federal Entities	314	314	228	268	280	262	299	281	265	244	244	233	261	254
2 Total Federal Entities	314	314	228	268	280	262	299	281	265	244	244	233	261	254
<b>-U.S. Bureau of Reclamation-</b>														
3 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
4 Total U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
<b>-Direct Service Industry-</b>														
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Generating Public Entities-</b>														
7 Generating Public Entities	2403	2403	2631	2855	3215	3501	3561	3538	3290	2901	2901	2665	2301	2329
8 Total Generating Public Entities	2403	2403	2631	2855	3215	3501	3561	3538	3290	2901	2901	2665	2301	2329
<b>-Generating Public Entities (Slice)-</b>														
9 Generating Public Entities (Slice)	1835	1502	1053	1364	1404	1390	1145	1080	1200	1109	1044	1127	1498	1667
10 Total Generating Public Entities (Slice)	1835	1502	1053	1364	1404	1390	1145	1080	1200	1109	1044	1127	1498	1667
<b>-Non-Generating Public Entities-</b>														
11 Non-Generating Public Entities	3986	3986	3780	4304	4519	4719	5083	4852	4450	4173	4173	3988	3973	4121
12 Total Non-Generating Public Entities	3986	3986	3780	4304	4519	4719	5083	4852	4450	4173	4173	3988	3973	4121
<b>-Non-Generating Public Entities (Slice)-</b>														
13 Non-Generating Public Entities (Slice)	1102	902	632	819	843	834	688	648	721	666	627	677	899	1001
14 Total Non-Generating Public Entities (Slice)	1102	902	632	819	843	834	688	648	721	666	627	677	899	1001
<b>-Investor-Owned Entities-</b>														
15 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Total Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Other Entities-</b>														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Power Sales Contracts-</b>														
19 Federal Entities	314	314	228	268	280	262	299	281	265	244	244	233	261	254
20 U.S. Bureau of Reclamation	281	247	157	139	0.2	0.2	0.2	0.2	37	266	329	260	272	290
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	4238	3905	3684	4219	4620	4891	4707	4618	4490	4010	3945	3792	3799	3996
23 Non-Generating Public Entities	5087	4887	4413	5123	5362	5553	5770	5501	5171	4839	4800	4664	4873	5122
24 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	9920	9353	8482	9749	10262	10706	10776	10400	9963	9359	9319	8950	9205	9661



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Table A-23  
Non-Utility Generating Resources By Owner  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-23: Regional Non Utility Generating Resources By Owner  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal Entities-</i>														
1 Federal Entities	34	34	17	32	41	32	32	32	32	32	32	49	32	29
2 Total Federal Entities	34	34	17	32	41	32	32	32	32	32	32	49	32	29
<i>-Generating Public Entities-</i>														
3 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
4 Total Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>-Non-Generating Public Entities-</i>														
5 Non-Generating Public Entities	10	10	10	10	10	10	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
6 Total Non-Generating Public Entities	10	10	10	10	10	10	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
<i>-Investor-Owned Entities-</i>														
7 Investor-Owned Entities	1035	1035	1019	989	990	974	952	977	988	1026	1026	573	1076	1060
8 Total Investor-owned Entities	1035	1035	1019	989	990	974	952	977	988	1026	1026	573	1076	1060
<i>-Other Entities-</i>														
9 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
10 Total Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<i>-Total Non-Utility Generating Resources-</i>														
11 Federal Entities	34	34	17	32	41	32	32	32	32	32	32	49	32	29
12 Public Entities	255	255	188	112	66	65	59	62	90	205	205	296	309	283
13 Investor-Owned Entities	1035	1035	1019	989	990	974	952	977	988	1026	1026	573	1076	1060
14 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15 Total Non-Utility Generation	1364	1364	1264	1174	1137	1111	1082	1111	1149	1303	1303	958	1458	1412

Table A-23: Regional Non Utility Generating Resources By Owner  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal Entities-</i>														
1 Federal Entities	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2 Total Federal Entities	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<i>-Generating Public Entities-</i>														
3 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
4 Total Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>-Non-Generating Public Entities-</i>														
5 Non-Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
6 Total Non-Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
<i>-Investor-Owned Entities-</i>														
7 Investor-Owned Entities	1045	1045	1028	999	990	974	952	977	988	1026	1026	579	1085	1061
8 Total Investor-owned Entities	1045	1045	1028	999	990	974	952	977	988	1026	1026	579	1085	1061
<i>-Other Entities-</i>														
9 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
10 Total Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<i>-Total Non-Utility Generating Resources-</i>														
11 Federal Entities	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12 Public Entities	248	248	180	105	58	58	59	62	90	205	205	296	309	283
13 Investor-Owned Entities	1045	1045	1028	999	990	974	952	977	988	1026	1026	579	1085	1061
14 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15 Total Non-Utility Generation	1335	1335	1252	1147	1092	1075	1054	1082	1121	1274	1274	917	1437	1387

Table A-23: Regional Non Utility Generating Resources By Owner  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal Entities-</i>														
1 Federal Entities	3	3	3	53	53	53	53	53	53	53	53	53	53	53
2 Total Federal Entities	3	3	3	53	53	53	53	53	53	53	53	53	53	53
<i>-Generating Public Entities-</i>														
3 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
4 Total Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>-Non-Generating Public Entities-</i>														
5 Non-Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
6 Total Non-Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
<i>-Investor-Owned Entities-</i>														
7 Investor-Owned Entities	1045	1045	1029	999	991	974	952	978	988	1026	1026	824	1077	1061
8 Total Investor-owned Entities	1045	1045	1029	999	991	974	952	978	988	1026	1026	824	1077	1061
<i>-Other Entities-</i>														
9 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
10 Total Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<i>-Total Non-Utility Generating Resources-</i>														
11 Federal Entities	3	3	3	53	53	53	53	53	53	53	53	53	53	53
12 Public Entities	248	248	180	105	58	58	59	62	90	205	205	296	309	283
13 Investor-Owned Entities	1045	1045	1029	999	991	974	952	978	988	1026	1026	824	1077	1061
14 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15 Total Non-Utility Generation	1336	1336	1252	1197	1142	1125	1104	1132	1171	1324	1324	1213	1479	1437

Table A-23: Regional Non Utility Generating Resources By Owner  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal Entities-</i>														
1 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
2 Total Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>-Generating Public Entities-</i>														
3 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
4 Total Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>-Non-Generating Public Entities-</i>														
5 Non-Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
6 Total Non-Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
<i>-Investor-Owned Entities-</i>														
7 Investor-Owned Entities	1045	1045	1029	999	991	975	952	978	988	1027	1027	824	1077	1061
8 Total Investor-owned Entities	1045	1045	1029	999	991	975	952	978	988	1027	1027	824	1077	1061
<i>-Other Entities-</i>														
9 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
10 Total Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<i>-Total Non-Utility Generating Resources-</i>														
11 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
12 Public Entities	248	248	180	105	58	58	59	62	90	205	205	296	309	283
13 Investor-Owned Entities	1045	1045	1029	999	991	975	952	978	988	1027	1027	824	1077	1061
14 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15 Total Non-Utility Generation	1386	1386	1302	1197	1142	1125	1104	1132	1171	1325	1325	1213	1479	1437

Table A-23: Regional Non Utility Generating Resources By Owner  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal Entities-</i>														
1 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
2 Total Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>-Generating Public Entities-</i>														
3 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
4 Total Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>-Non-Generating Public Entities-</i>														
5 Non-Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
6 Total Non-Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
<i>-Investor-Owned Entities-</i>														
7 Investor-Owned Entities	1045	1045	1029	1000	991	975	953	978	989	1027	1027	825	1086	1061
8 Total Investor-owned Entities	1045	1045	1029	1000	991	975	953	978	989	1027	1027	825	1086	1061
<i>-Other Entities-</i>														
9 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
10 Total Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<i>-Total Non-Utility Generating Resources-</i>														
11 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
12 Public Entities	248	248	180	105	58	58	58	61	89	205	205	295	309	283
13 Investor-Owned Entities	1045	1045	1029	1000	991	975	953	978	989	1027	1027	825	1086	1061
14 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15 Total Non-Utility Generation	1386	1386	1302	1198	1142	1125	1104	1132	1171	1324	1324	1213	1487	1437

Table A-23: Regional Non Utility Generating Resources By Owner  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal Entities-</i>														
1 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
2 Total Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>-Generating Public Entities-</i>														
3 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
4 Total Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>-Non-Generating Public Entities-</i>														
5 Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
6 Total Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
<i>-Investor-Owned Entities-</i>														
7 Investor-Owned Entities	1046	1046	1029	1000	999	983	960	986	997	1035	1035	825	1078	1062
8 Total Investor-owned Entities	1046	1046	1029	1000	999	983	960	986	997	1035	1035	825	1078	1062
<i>-Other Entities-</i>														
9 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
10 Total Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<i>-Total Non-Utility Generating Resources-</i>														
11 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
12 Public Entities	248	248	180	104	58	57	58	61	89	205	205	295	309	283
13 Investor-Owned Entities	1046	1046	1029	1000	999	983	960	986	997	1035	1035	825	1078	1062
14 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15 Total Non-Utility Generation	1386	1386	1302	1197	1150	1133	1112	1140	1179	1333	1333	1213	1479	1437



Table A-23: Regional Non Utility Generating Resources By Owner  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal Entities-</i>														
1 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
2 Total Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>-Generating Public Entities-</i>														
3 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
4 Total Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>-Non-Generating Public Entities-</i>														
5 Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
6 Total Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
<i>-Investor-Owned Entities-</i>														
7 Investor-Owned Entities	1046	1046	1030	1000	999	983	961	986	997	1035	1035	825	1078	1062
8 Total Investor-owned Entities	1046	1046	1030	1000	999	983	961	986	997	1035	1035	825	1078	1062
<i>-Other Entities-</i>														
9 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
10 Total Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<i>-Total Non-Utility Generating Resources-</i>														
11 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
12 Public Entities	248	248	180	104	58	57	58	61	89	205	205	295	309	283
13 Investor-Owned Entities	1046	1046	1030	1000	999	983	961	986	997	1035	1035	825	1078	1062
14 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15 Total Non-Utility Generation	1386	1386	1302	1197	1150	1133	1112	1140	1179	1333	1333	1213	1479	1437

Table A-23: Regional Non Utility Generating Resources By Owner  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal Entities-</i>														
1 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
2 Total Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>-Generating Public Entities-</i>														
3 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
4 Total Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>-Non-Generating Public Entities-</i>														
5 Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
6 Total Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
<i>-Investor-Owned Entities-</i>														
7 Investor-Owned Entities	1046	1046	1030	1000	1000	983	961	987	997	1036	1036	826	1087	1062
8 Total Investor-owned Entities	1046	1046	1030	1000	1000	983	961	987	997	1036	1036	826	1087	1062
<i>-Other Entities-</i>														
9 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
10 Total Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<i>-Total Non-Utility Generating Resources-</i>														
11 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
12 Public Entities	248	248	180	104	58	57	58	61	89	205	205	295	309	283
13 Investor-Owned Entities	1046	1046	1030	1000	1000	983	961	987	997	1036	1036	826	1087	1062
14 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15 Total Non-Utility Generation	1386	1386	1302	1198	1150	1133	1112	1141	1180	1333	1333	1214	1488	1438

Table A-23: Regional Non Utility Generating Resources By Owner  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal Entities-</i>														
1 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
2 Total Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>-Generating Public Entities-</i>														
3 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
4 Total Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>-Non-Generating Public Entities-</i>														
5 Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
6 Total Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
<i>-Investor-Owned Entities-</i>														
7 Investor-Owned Entities	1047	1047	1030	1001	1000	984	962	988	998	1036	1036	827	1079	1062
8 Total Investor-owned Entities	1047	1047	1030	1001	1000	984	962	988	998	1036	1036	827	1079	1062
<i>-Other Entities-</i>														
9 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
10 Total Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<i>-Total Non-Utility Generating Resources-</i>														
11 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
12 Public Entities	248	248	180	104	58	57	58	61	89	205	205	295	309	283
13 Investor-Owned Entities	1047	1047	1030	1001	1000	984	962	988	998	1036	1036	827	1079	1062
14 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15 Total Non-Utility Generation	1387	1387	1303	1198	1151	1134	1113	1142	1180	1334	1334	1215	1481	1438

Table A-23: Regional Non Utility Generating Resources By Owner  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Federal Entities-</i>														
1 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
2 Total Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>-Generating Public Entities-</i>														
3 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
4 Total Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>-Non-Generating Public Entities-</i>														
5 Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
6 Total Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
<i>-Investor-Owned Entities-</i>														
7 Investor-Owned Entities	1047	1047	1030	1001	1000	984	962	988	998	1036	1036	827	1079	1062
8 Total Investor-owned Entities	1047	1047	1030	1001	1000	984	962	988	998	1036	1036	827	1079	1062
<i>-Other Entities-</i>														
9 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
10 Total Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<i>-Total Non-Utility Generating Resources-</i>														
11 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
12 Public Entities	248	248	180	104	58	57	58	61	89	205	205	295	309	283
13 Investor-Owned Entities	1047	1047	1030	1001	1000	984	962	988	998	1036	1036	827	1079	1062
14 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15 Total Non-Utility Generation	1387	1387	1303	1198	1151	1134	1113	1142	1180	1334	1334	1215	1481	1438

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Table A-24  
Regional Non-Utility Generating Resources By Project  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Federal Entities</b>														
<i>-NUG: Hydro-</i>														
1 Dworshak/Clearwater Small Hydropower (BPA)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2 Elwah Hydro (BPA)	15	15	4.9	13	14	13	13	13	13	13	13	13	13	9.8
3 Glines Hydro (BPA)	16	16	9.6	16	24	16	16	16	16	16	16	32	16	16
<b>4 Federal -Total NUG: Hydro</b>	<b>34</b>	<b>34</b>	<b>17</b>	<b>32</b>	<b>41</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>49</b>	<b>32</b>	<b>29</b>
<i>-NUG: Renewables-</i>														
5 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Condon Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Foote Creek 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Foote Creek 2 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 Foote Creek 4 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Klondike Phase 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Stataline Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 White Bluffs Solar (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>13 Federal - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Generating Public Entities</b>														
<i>-NUG: Hydro-</i>														
14 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Elltopia Br Canal 4.6 (SCL)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
16 Elltopia Br Canal 4.6 (TPU)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
17 John Llewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77
20 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
21 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
22 PEC Headworks (GCPD)	4.5	4.5	3.1	3	0	0	0	0	2.8	5.1	5.1	6.9	6.2	5.8
23 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Potholes E Canal 66.0 (SCL)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
25 Potholes E Canal 66.0 (TPU)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
26 Quincy Chute (GCPD)	9	9	8	5	0	0	0	0	5	8	8	9	9	9
27 Russel D. Smith (SCL)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
28 Russel D. Smith (TPU)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
29 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11
30 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
31 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
32 Woods Creek (SHPD)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<b>33 GPU - Total NUG: Hydro</b>	<b>187</b>	<b>187</b>	<b>119</b>	<b>55</b>	<b>8.3</b>	<b>7.6</b>	<b>8.6</b>	<b>11</b>	<b>40</b>	<b>144</b>	<b>144</b>	<b>235</b>	<b>248</b>	<b>222</b>
<i>-NUG: Small Thermal &amp; Misc.-</i>														
34 Grays Harbor Paper (GHPD)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
35 Weyerhaeuser Pulp Mill (GHPD)	14	14	14	14	14	14	14	14	14	14	14	14	14	14
<b>36 GPU - Total NUG: Small Thermal &amp; Misc.</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>
<i>-NUG: Co-Generation-</i>														
37 Metro Westpoint (SCL)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
38 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38
<b>39 GPU - Total NUG: Co-Generation</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>
<i>-NUG: Renewables-</i>														
40 Foote Creek 1 (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Nine Canyon Wind Project (CHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 Nine Canyon Wind Project (COPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 Nine Canyon Wind Project (DOPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 Nine Canyon Wind Project (GCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 Nine Canyon Wind Project (GHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Nine Canyon Wind Project (OKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 Stataline Wind Project (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 Stataline Wind Project (SCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>49 GPU - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Non-Generating Public Entities</b>														
<i>-NUG: Hydro-</i>														
50 Buffalo Hydro (FREC)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
51 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 Lillwaup Falls Generating Co. (MCPD1)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
54 Mill Creek (OR) (OTEC)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
55 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>56 NGP - Total NUG: Hydro</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>
<i>-NUG: Small Thermal &amp; Misc.-</i>														
57 Methane Energy Agricultural D. (TKPD)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>58 NGP - Total NUG: Small Thermal &amp; Misc.</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>
<i>-NUG: Co-Generation-</i>														
59 Cogen Co (OTEC)	7.5	7.5	7.5	7.5	7.5	7.5	0	0	0	0	0	0	0	0
<b>60 NGP - Total NUG: Co-Generation</b>	<b>7.5</b>	<b>7.5</b>	<b>7.5</b>	<b>7.5</b>	<b>7.5</b>	<b>7.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>-NUG: Renewables-</b>														
61 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Nine Canyon Wind Project (BCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Nine Canyon Wind Project (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Nine Canyon Wind Project (LCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Nine Canyon Wind Project (MCPD3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>67 NUG - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Investor-Owned Entities</b>														
<b>-NUG: Hydro-</b>														
68 Barber Dam (IPC)	2.4	2.4	1.9	0.8	0.3	1.0	2.2	2.6	3.3	3.2	3.2	3.1	3.2	3.3
69 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 Beaverton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71 Bell Mountain (UPL)	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
72 Bingham Engineering (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1
73 Birch Creek (IPC)	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0
74 Birch Creek (UPL)	1.3	1.3	1.1	1.0	1.1	1.1	0.3	1.2	1.7	1.6	1.6	1.6	1.3	1.2
75 Black Canyon #3 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
76 Black Creek (AVWP)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
77 Blind Canyon Hydro (IPC)	0.7	0.7	1.1	0.9	0.2	0	0	0	0	0.6	0.6	1.6	1.0	0.7
78 Box Canyon (IPC)	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
79 Briggs Creek (IPC)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6
80 Broadwater Dam (NWE)	1.6	1.6	2	2.7	2.4	2.4	2.2	2.1	2.1	2.1	2.1	3.1	3.3	2.4
81 Bypass (IPC)	8.3	8.3	6.5	2.8	1.0	0	0	0	0.1	2.9	2.9	7	8.2	8.7
82 Canyon Springs (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
83 Carlton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Cascade Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 CDM Hydro - Bonneville Pacific (PPL)	2.9	2.9	3.1	2.8	2.9	2.4	1.8	2	2.7	2.7	2.7	4.4	5.8	4.1
86 Cedar Draw (IPC)	0.3	0.3	0.9	0.9	0.9	1.2	1.2	1.3	0.4	0.4	0.4	0.4	0.3	0.3
87 Central OR Irrigation District (PPL)	3.1	3.1	3.7	3.5	0	0.7	0	0.4	0.9	0.8	0.8	4.5	3.8	4.1
88 Clear Springs Trout (IPC)	0.4	0.4	0.4	0.5	0.6	0.6	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4
89 Commercial Energy Management (PPL)	0.2	0.2	0.1	0	0.1	0.1	0	0	0	0	0	0.2	0.6	0.4
90 Corbett (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 Cornelius (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92 Crystal Springs (IPC)	1.3	1.3	1.6	1.5	1.6	0.5	0.5	0.6	0.8	0.9	0.9	0.8	1.4	1.3
93 Curry Cattle Co. (IPC)	0.2	0.2	0.2	0.1	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2
94 Curtiss Livestock (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Derr Creek (AVWP)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2
98 Dietrich Drop (IPC)	4.7	4.7	3.6	3.1	1.4	0	0	0	0	3.1	3.1	4.7	4.7	4.5
99 Donald Jenni (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1
100 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 Eagle Point Irrigation Dist. (PPL)	0	0	0	0	0.4	0.7	0.7	0.9	0.6	0.7	0.7	0.5	0	0
102 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2
103 Estacada (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 Falls Creek (PPL)	0	0	0	0	1.9	3.1	0.9	2.7	2.7	4.4	4.4	4.1	3.8	0
105 Falls River (IPC)	6.5	6.5	6.3	5.7	5.6	5.0	4.2	3.8	3.8	6.2	6.2	7.9	8.5	7.1
106 Farmers Irrig. (PPL)	0.6	0.6	0.7	1.2	3.2	3.2	2.1	4.6	3.3	3.5	3.5	4.7	0.8	0.7
107 Faulkner Ranch (IPC)	0.8	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.5	0.6	0.6	0.5	0.8	0.8
108 Fisheries Development Co (IPC)	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
109 Galesville Dam (PPL)	0.6	0.6	0.4	0.2	0.2	0.3	0	0.2	0.3	0.4	0.4	0.3	0.4	0.5
110 Geobon 2 (IPC)	1.0	1.0	0.3	0.3	0.3	0.2	0.2	0.3	0.6	0.6	0.6	0.6	1.0	1.0
111 Georgetown Power (UPL)	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0
112 Hailey Cssp (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
113 Hazelton A (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
114 Hazelton B (IPC)	6.6	6.6	5.2	2.4	0.7	0	0	0	0.1	2.2	2.2	5.6	6.4	7.0
115 Horseshoe Bend (IPC)	8.8	8.8	7.5	3.9	2.8	3.5	3.9	4.6	5.9	8.8	8.8	9.9	9.8	9.2
116 Hutchinson Creek (PSE)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
117 Ingram Warm Springs (UPL)	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
118 Jim Ford Creek (AVWP)	0	0	0	0	0.3	0.5	0.9	0.9	1.1	1.1	1.1	0.7	0.3	0.1
119 Jim Knight (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.4
120 John Day Creek (AVWP)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
121 Kasel & Witherspoon (IPC)	1.2	1.2	1.2	0.8	0.5	0.3	0.2	0.2	0.4	0.5	0.5	1	1.1	1
122 Koma Kulshan (PSE)	12	12	12	12	12	12	12	12	12	12	12	12	12	12
123 Koyle (IPC)	1.1	1.1	1.1	1.0	1	0.2	0.1	0.1	0.3	0.8	0.8	1.2	0.8	0.9
124 L. Feys (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125 Lacombe Irrig. (PPL)	0	0	0	0	0.2	1.0	0.2	0.9	0.9	1	1	0.9	0.9	0.4
126 Lake Oswego (PGE)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
127 Lateral #10 (IPC)	1.5	1.5	1.6	2	2.1	1.5	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.5
128 Lee Tavenner (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
129 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130 Little Wood River Res. (IPC)	1.9	1.9	0.2	0.2	0.2	0	0	0	1.6	1.7	1.7	1.6	2	1.9
131 Littlewood/Arkoosh (IPC)	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.5	0.5	0.4	0.8	0.7
132 Lowline #2 (IPC)	2.7	2.7	2.5	1.8	1.4	0	0	0.7	1.9	2.5	2.5	2.7	2.7	2.7
133 Lowline Canal (IPC)	7.8	7.8	7.5	7.3	7.5	0.6	0.6	0.7	5.3	5.5	5.5	5.3	8.1	7.8
134 Magic Reservoir (IPC)	6.8	6.8	4.4	0.5	0.2	0.1	0.3	0.1	0.9	3.0	3.0	8.3	9.1	9.0
135 Malad River (IPC)	0.5	0.5	0.6	0.5	0.5	0.1	0.1	0	0.2	0.4	0.4	0.6	0.4	0.5
136 Marcos Ranches (IPC)	1.1	1.1	1.2	1.1	1.2	0	0	0	1.1	1.2	1.2	1.1	1.2	1.1
137 Marsh Valley (UPL)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
138 Meyers Falls (AVWP)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
139 Middlefork Irrig. (PPL)	1.8	1.8	0.8	1.2	1.3	1.7	2.7	3.1	3.1	2.9	2.9	2.8	2.4	2.0
140 Mile 28 (IPC)	1.3	1.3	1.2	0.7	0.2	0	0	0	0	0.6	0.6	1.2	1.3	1.4



Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
141 Minikahda (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142 Mink Creek (UPL)	1.2	1.2	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	1.6	2.7	1.6
143 Mitchell Butte (IPC)	1	1	1.1	0.4	0	0	0	0	0.3	0.8	0.8	1.2	1.3	1.1
144 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145 Mt. Tabor (PGE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146 Mud Creek/S&S (IPC)	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4
147 Mud Creek/White (IPC)	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
148 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0
149 Nicholson Sunnybar (UPL)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
150 North Fork Sprague (PPL)	0	0	0.1	0	0	0	0.1	0.3	0.2	0.3	0.3	0.9	0.4	0.1
151 O.J. Power (UPL)	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
152 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153 Opal Springs (PPL)	2.6	2.6	3.0	3.6	3.2	2.9	2.9	3.5	2.6	2.7	2.7	4.5	1.6	2.2
154 Owyhee Dam (IPC)	2.8	2.8	2.0	0.6	0	0	0.2	0.6	1.8	3.3	3.3	3.9	3.3	3.2
155 Pancheri (UPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 Pelton Rereg. Dam (PPL)	7	7	6.3	8.3	8.7	8.0	7.9	10	7.7	6.8	6.8	9	7.2	6.8
157 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Phillipsburg (NWE)	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0
159 Pigeon Cove (IPC)	2.0	2.0	2.1	1.3	0.8	0.4	0.3	0.4	0.6	0.8	0.8	1.7	1.9	1.7
160 Pine Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2
163 Preston City (UPL)	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4
164 Pristine Springs (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
165 Pristine Springs #3 (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166 Reynolds Irrigation (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
167 Rim View (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168 Rock Creek #1 (IPC)	1.1	1.1	1.6	1.7	1.2	1.3	1.1	1.0	1.1	1.4	1.4	1.5	1.3	1.1
169 Rock Creek #2 (IPC)	1.8	1.8	1.8	1.9	1.9	1.9	0.6	0.4	1.6	1.9	1.9	1.9	1.9	1.6
170 Sagebrush (IPC)	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.4	0.4
171 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 Schaffner (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4
173 Sheep Creek (AVWP)	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.9	1.6	1.6	0.8	1.5	1.1
174 Shingle Creek (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
175 Shoshone (IPC)	0.4	0.4	0.5	0.4	0.4	0.1	0.1	0	0.1	0.3	0.3	0.5	0.3	0.4
176 Shoshone II (IPC)	0.6	0.6	0.6	0	0	0	0	0	0.3	0.3	0.3	0.5	0.6	0.6
177 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
178 Snedigar Ranch (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
179 Solar Research (PPL)	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
180 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.4	0.3	0.3	0.5	0.5	0.5
181 Spokane Upriver (AVWP)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
182 Stauffer Dry Creek (UPL)	0.9	0.9	1	0.8	0.4	0	0.3	0.3	0.4	0.4	0.4	0.9	2.7	2.1
183 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0	0.1	0.1	0	0	0	0	0.1	0.1	0.1
184 Sunshine Power #2 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
185 Tiber Dam Liberty Montana (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
186 Trout Co. (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
187 Tunnel #1 (IPC)	4.3	4.3	2.6	0.5	0	0	0	0	2.4	5.1	5.1	5.8	5.8	5.9
188 Twin Falls (PSE)	20	20	20	20	20	20	20	20	20	20	20	20	20	20
189 Walla Walla (PPL)	1.5	1.5	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.8	1.8	1.5	1.5	1.8
190 Water Street / Santiam (PPL)	0	0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
191 Weeks Falls (PSE)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
192 White James (PPL)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2
193 White Water Ranch (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
194 Wilson Lake Hydro (IPC)	7.1	7.1	5.3	2.0	0.2	0	0	0	0	2.3	2.3	6.1	6.8	7.6
195 Wisconsin Creek (NWE)	0	0	0	0.1	0	0.1	0.1	0	0	0	0	0	0	0
196 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7
<b>197 IOU - Total NUG: Hydro</b>	<b>202</b>	<b>202</b>	<b>184</b>	<b>156</b>	<b>149</b>	<b>135</b>	<b>128</b>	<b>140</b>	<b>155</b>	<b>191</b>	<b>191</b>	<b>235</b>	<b>231</b>	<b>216</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
198 Marion Solid Waste (PGE)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
199 Montana One (NWE)	10	10	10	11	9.0	9.7	9.8	9.2	8.0	7.3	7.3	11	11	11
200 Pocatello Waste (IPC)	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1
201 Spokane MSW (PSE)	23	23	23	23	23	23	23	23	23	23	23	23	23	23
202 West Boise Waste (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>203 IOU - Total NUG: Small Thermal &amp; Misc.</b>	<b>46</b>	<b>46</b>	<b>47</b>	<b>47</b>	<b>45</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>47</b>	<b>48</b>	<b>47</b>
<b>-NUG: Combustion Turbines -</b>														
204 Rathdrum - Boekel Rd. #1 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
205 Rathdrum - Boekel Rd. #2 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
206 Tenaska Gas Cogen (PSE)	245	245	245	245	245	245	245	245	245	245	245	0	245	245
<b>207 IOU - Total NUG: Combustion Turbines</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>0</b>	<b>421</b>	<b>421</b>
<b>-NUG: Co-Generation-</b>														
208 Billings Generation (NWE)	16	16	17	17	15	16	16	15	13	12	12	18	19	17
209 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22
210 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
211 Champion (PPL)	3.3	3.3	3.3	3.3	3.3	3.3	1	3.3	3.3	3.3	3.3	3.3	3.3	3.3
212 DR Johnson - Co-Gen II (PPL)	7.5	7.5	7.7	5.8	7.3	6.0	6.7	9.1	7.3	7.4	7.4	11	4.2	7.1
213 Magic Valley (IPC)	9.3	9.3	9.3	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
214 Magic West (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
215 March Point #1 (PSE)	80	80	80	80	80	80	80	80	80	80	80	0	80	80
216 March Point #2 (PSE)	60	60	60	60	60	60	60	60	60	60	60	60	60	60
217 PERC Pierce, Wa (PSE)	3	3	3	3	3	3	3	3	3	3	3	0	3	3

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
218 Simplot Pocatello (IPC)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
219 Sumas Energy (PSE)	135	135	135	135	135	135	135	135	135	135	135	135	135	135
220 Tamarack (IPC)	3.8	3.8	4.6	4.7	4.2	3.2	3.6	3.8	4.2	4.4	4.4	3.4	4.6	4.8
221 TASC0 Nampa ID (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
222 TASC0 Twin Falls ID (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
223 Vaagen Bros. (IPC)	3	3	3.7	3.8	3.3	2.6	2.9	3.1	3.4	3.6	3.6	2.7	3.7	3.8
224 Warm Springs (PPL)	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
<b>225 IOU - Total NUG: Co-Generation</b>	<b>363</b>	<b>363</b>	<b>365</b>	<b>364</b>	<b>363</b>	<b>360</b>	<b>345</b>	<b>359</b>	<b>355</b>	<b>359</b>	<b>359</b>	<b>279</b>	<b>365</b>	<b>365</b>
<b>-NUG: Renewables-</b>														
226 Emmett Biomass Project (IPC)	0	0	0	0	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
227 Foote Creek 1 (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228 Healow #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
229 Josef Stauter (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Lewandowski Farms (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
231 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
232 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
233 Staleline Wind Project (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
234 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>235 IOU - Total NUG: Renewables</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2.1</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Other Entities</b>														
<b>-NUG: Co-Generation-</b>														
236 SP Newsprint cogen (SPN)	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>237 Other - Total NUG: Co-Generation</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-NUG: Renewables-</b>														
238 Staleline Wind Project (PPME)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
239 Vansycle Wind (FPLEV)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>240 Other - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Non-Utility Generating Resources-</b>														
241 Federal Entities	34	34	17	32	41	32	32	32	32	32	32	49	32	29
242 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
243 Non Generating Public Entities	10	10	10	10	10	10	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
244 Investor-Owned Entities	1035	1035	1019	989	990	974	952	977	988	1026	1026	573	1076	1060
245 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>246 Total Non-Utility Generation</b>	<b>1364</b>	<b>1364</b>	<b>1264</b>	<b>1174</b>	<b>1137</b>	<b>1111</b>	<b>1082</b>	<b>1111</b>	<b>1149</b>	<b>1303</b>	<b>1303</b>	<b>958</b>	<b>1458</b>	<b>1412</b>

Table A-24: Regional Non Utility Generating Resources By Project  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Federal Entities</b>														
<i>-NUG: Hydro-</i>														
1 Dworshak/Clearwater Small Hydropower (BPA)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2 Federal -Total NUG: Hydro	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<i>-NUG: Renewables-</i>														
3 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Condon Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Foote Creek 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Foote Creek 2 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Foote Creek 4 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Fourmile Hill Geothermal (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 Klondike Phase 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Stateline Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Federal -Total NUG: Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Generating Public Entities</b>														
<i>-NUG: Hydro-</i>														
12 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Eltopia Br Canal 4.6 (SCL)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
14 Eltopia Br Canal 4.6 (TPU)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
15 John Llewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77
18 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
19 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
20 PEC Headworks (GCPD)	4.5	4.5	3.1	3	0	0	0	0	2.8	5.1	5.1	6.9	6.2	5.8
21 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Potholes E Canal 66.0 (SCL)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
23 Potholes E Canal 66.0 (TPU)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
24 Quincy Chute (GCPD)	9	9	8	5	0	0	0	0	5	8	8	9	9	9
25 Russel D. Smith (SCL)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
26 Russel D. Smith (TPU)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
27 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11
28 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
29 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
30 Woods Creek (SHPD)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
31 GPU - Total NUG: Hydro	187	187	119	55	8.3	7.6	8.6	11	40	144	144	235	248	222
<i>-NUG: Small Thermal &amp; Misc.-</i>														
32 Grays Harbor Paper (GHPD)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33 Weyerhaeuser Pulp Mill (GHPD)	14	14	14	14	14	14	14	14	14	14	14	14	14	14
34 GPU - Total NUG: Small Thermal & Misc.	19	19	19	19	19	19	19	19	19	19	19	19	19	19
<i>-NUG: Co-Generation-</i>														
35 Metro Westpoint (SCL)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
36 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38
37 GPU - Total NUG: Co-Generation	39	39	39	28	28	28	28	28	28	39	39	39	39	39
<i>-NUG: Renewables-</i>														
38 Foote Creek 1 (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Nine Canyon Wind Project (CHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Nine Canyon Wind Project (COPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Nine Canyon Wind Project (DOPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 Nine Canyon Wind Project (GCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 Nine Canyon Wind Project (GHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 Nine Canyon Wind Project (OKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 Stateline Wind Project (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Stateline Wind Project (SCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 GPU - Total NUG: Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Non-Generating Public Entities</b>														
<i>-NUG: Hydro-</i>														
48 Buffalo Hydro (FREC)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
49 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Lillwaup Falls Generating Co. (MCPD1)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
52 Mill Creek (OR) (OTEC)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
53 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 NGP - Total NUG: Hydro	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
<i>-NUG: Small Thermal &amp; Misc.-</i>														
55 Methane Energy Agricultural D. (TKPD)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
56 NGP - Total NUG: Small Thermal & Misc.	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<i>-NUG: Renewables-</i>														
57 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Nine Canyon Wind Project (BCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Nine Canyon Wind Project (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Nine Canyon Wind Project (LCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Nine Canyon Wind Project (MCPD3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 NGP - Total NUG: Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Investor-Owned Entities</b>														
<b>-NUG: Hydro-</b>														
64 Barber Dam (IPC)	2.4	2.4	1.9	0.8	0.3	1.0	2.2	2.6	3.3	3.2	3.2	3.1	3.2	3.3
65 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Beaverton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Bell Mountain (UPL)	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
68 Bingham Engineering (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1
69 Birch Creek (IPC)	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0
70 Birch Creek (UPL)	1.3	1.3	1.1	1.0	1.1	1.1	0.3	1.2	1.7	1.6	1.6	1.6	1.3	1.2
71 Black Canyon #3 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
72 Black Creek (AVWP)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
73 Blind Canyon Hydro (IPC)	0.7	0.7	1.1	0.9	0.2	0	0	0	0	0.6	0.6	1.6	1.0	0.7
74 Box Canyon (IPC)	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
75 Briggs Creek (IPC)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6
76 Broadwater Dam (NWE)	1.6	1.6	2	2.7	2.4	2.4	2.3	2.1	2.1	2.1	2.1	3.6	4.1	2.4
77 Bypass (IPC)	8.3	8.3	6.5	2.8	1.0	0	0	0	0.1	2.9	2.9	7	8.2	8.7
78 Canyon Springs (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
79 Carlton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Cascade Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 CDM Hydro - Bonneville Pacific (PPL)	2.9	2.9	3.1	2.8	2.9	2.4	1.8	2	2.7	2.7	2.7	4.4	5.8	4.1
82 Cedar Draw (IPC)	0.3	0.3	0.9	0.9	0.9	1.2	1.2	1.3	0.4	0.4	0.4	0.4	0.3	0.3
83 Central OR Irrigation District (PPL)	3.1	3.1	3.7	3.5	0	0.7	0	0.4	0.9	0.8	0.8	4.5	3.8	4.1
84 Clear Springs Trout (IPC)	0.4	0.4	0.4	0.5	0.6	0.6	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4
85 Commercial Energy Management (PPL)	0.2	0.2	0.1	0	0.1	0.1	0	0	0	0	0	0.2	0.6	0.4
86 Corbett (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 Cornelius (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Crystal Springs (IPC)	1.3	1.3	1.6	1.5	1.6	0.5	0.5	0.6	0.8	0.9	0.9	0.8	1.4	1.3
89 Curry Cattle Co. (IPC)	0.2	0.2	0.2	0.1	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2
90 Curtiss Livestock (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Derr Creek (AVWP)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2
94 Dietrich Drop (IPC)	4.7	4.7	3.6	3.1	1.4	0	0	0	0	3.1	3.1	4.7	4.7	4.5
95 Donald Jenni (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1
96 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Eagle Point Irrigation Dist. (PPL)	0	0	0	0	0.4	0.7	0.7	0.9	0.6	0.7	0.7	0.5	0	0
98 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2
99 Estacada (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Falls Creek (PPL)	0	0	0	0	1.9	3.1	0.9	2.7	2.7	4.4	4.4	4.1	3.8	0
101 Falls River (IPC)	6.5	6.5	6.3	5.7	5.6	5.0	4.2	3.8	3.8	6.2	6.2	7.9	8.5	7.1
102 Farmers Irrig. (PPL)	0.6	0.6	0.7	1.2	3.2	3.2	2.1	4.6	3.3	3.5	3.5	4.7	0.8	0.7
103 Faulkner Ranch (IPC)	0.8	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.5	0.6	0.6	0.5	0.8	0.8
104 Fisheries Development Co (IPC)	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
105 Galesville Dam (PPL)	0.6	0.6	0.4	0.2	0.2	0.3	0	0.2	0.3	0.4	0.4	0.3	0.4	0.5
106 Geobon 2 (IPC)	1.0	1.0	0.3	0.3	0.3	0.2	0.2	0.3	0.6	0.6	0.6	0.6	1.0	1.0
107 Georgetown Power (UPL)	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0
108 Hailey Cspg (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
109 Hazelton A (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
110 Hazelton B (IPC)	6.6	6.6	5.2	2.4	0.7	0	0	0	0.1	2.2	2.2	5.6	6.4	7.0
111 Horseshoe Bend (IPC)	8.8	8.8	7.5	3.9	2.8	3.5	3.9	4.6	5.9	8.8	8.8	9.9	9.8	9.2
112 Hutchinson Creek (PSE)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
113 Ingram Warm Springs (UPL)	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
114 Jim Ford Creek (AVWP)	0	0	0	0	0.3	0.5	0.9	0.9	1.1	1.1	1.1	0.7	0.3	0.1
115 Jim Knight (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.4
116 John Day Creek (AVWP)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
117 Kassel & Witherspoon (IPC)	1.2	1.2	1.2	0.8	0.5	0.3	0.2	0.2	0.4	0.5	0.5	1	1.1	1
118 Koma Kulshan (PSE)	12	12	12	12	12	12	12	12	12	12	12	12	12	12
119 Koyle (IPC)	1.1	1.1	1.1	1.0	1	0.2	0.1	0.1	0.3	0.8	0.8	1.2	0.8	0.9
120 L. Fery (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Lacombe Irrig. (PPL)	0	0	0	0	0.2	1.0	0.2	0.9	0.9	1	1	0.9	0.9	0.4
122 Lake Oswego (PGE)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
123 Lateral #10 (IPC)	1.5	1.5	1.6	2	2.1	1.5	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.5
124 Lee Tavenner (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Little Wood River Res. (IPC)	1.9	1.9	0.2	0.2	0.2	0	0	0	1.6	1.7	1.7	1.6	2	1.9
127 Littlewood/Arkoosh (IPC)	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.5	0.5	0.4	0.8	0.7
128 Lowline #2 (IPC)	2.7	2.7	2.5	1.8	1.4	0	0	0.7	1.9	2.5	2.5	2.7	2.7	2.7
129 Lowline Canal (IPC)	7.8	7.8	7.5	7.3	7.5	0.6	0.6	0.7	5.3	5.5	5.5	5.3	8.1	7.8
130 Magic Reservoir (IPC)	6.8	6.8	4.4	0.5	0.2	0.1	0.3	0.1	0.9	3.0	3.0	8.3	9.1	9.0
131 Malad River (IPC)	0.5	0.5	0.6	0.5	0.5	0.1	0.1	0	0.2	0.4	0.4	0.6	0.4	0.5
132 Marcos Ranches (IPC)	1.1	1.1	1.2	1.1	1.2	0	0	1.1	1.2	1.2	1.2	1.1	1.2	1.1
133 Marsh Valley (UPL)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
134 Meyers Falls (AVWP)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
135 Middlefork Irrig. (PPL)	1.8	1.8	0.8	1.2	1.3	1.7	2.7	3.1	2.9	2.9	2.9	2.8	2.4	2.0
136 Mile 28 (IPC)	1.3	1.3	1.2	0.7	0.2	0	0	0	0	0.6	0.6	1.2	1.3	1.4
137 Minikahda (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Mink Creek (UPL)	1.2	1.2	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	1.6	2.7	1.6
139 Mitchell Butte (IPC)	1	1	1.1	0.4	0	0	0	0	0.3	0.8	0.8	1.2	1.3	1.1
140 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 Mt. Tabor (PGE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142 Mud Creek/S&S (IPC)	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
143 Mud Creek/White (IPC)	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
144 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0
145 Nicholson Sunnybar (UPL)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146 North Fork Sprague (PPL)	0	0	0.1	0	0	0	0.1	0.3	0.2	0.3	0.3	0.9	0.4	0.1
147 O.J. Power (UPL)	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Opal Springs (PPL)	2.6	2.6	3.0	3.6	3.2	2.9	2.9	3.5	2.6	2.7	2.7	4.5	1.6	2.2
150 Owyhee Dam (IPC)	2.8	2.8	2.0	0.6	0	0	0.2	0.6	1.8	3.3	3.3	3.9	3.3	3.2
151 Pancheri (UPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 Pelton Rereg. Dam (PPL)	7	7	6.3	8.3	8.7	8.0	7.9	10	7.7	6.8	6.8	9	7.2	6.8
153 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Phillipsburg (NWE)	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0
155 Pigeon Cove (IPC)	2.0	2.0	2.1	1.3	0.8	0.4	0.3	0.4	0.6	0.8	0.8	1.7	1.9	1.7
156 Pine Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
157 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2
159 Preston City (UPL)	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4
160 Pristine Springs (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161 Pristine Springs #3 (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162 Reynolds Irrigation (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
163 Rim View (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164 Rock Creek #1 (IPC)	1.1	1.1	1.6	1.7	1.2	1.3	1.1	1.0	1.1	1.4	1.4	1.5	1.3	1.1
165 Rock Creek #2 (IPC)	1.8	1.8	1.8	1.9	1.9	1.9	0.6	0.4	1.6	1.9	1.9	1.9	1.9	1.6
166 Sagebrush (IPC)	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.4	0.4
167 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Schaffner (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4
169 Sheep Creek (AVWP)	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.9	1.6	1.6	0.8	1.5	1.1
170 Shingle Creek (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
171 Shoshone (IPC)	0.4	0.4	0.5	0.4	0.4	0.1	0.1	0	0.1	0.3	0.3	0.5	0.3	0.4
172 Shoshone II (IPC)	0.6	0.6	0.6	0	0	0	0	0	0	0.3	0.3	0.5	0.6	0.6
173 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
174 Snedigar Ranch (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
175 Solar Research (PPL)	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
176 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.4	0.3	0.3	0.6	0.7	0.5
177 Spokane Upriver (AVWP)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
178 Stauffer Dry Creek (UPL)	0.9	0.9	1	0.8	0.4	0	0.3	0.3	0.4	0.4	0.4	0.9	2.7	2.1
179 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0	0.1	0.1	0	0	0	0	0.1	0.1	0.1
180 Sunshine Power #2 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
181 Tiber Dam Liberty Montana (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
182 Trout Co. (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
183 Tunnel #1 (IPC)	4.3	4.3	2.6	0.5	0	0	0	2.4	5.1	5.1	5.8	5.8	5.9	5.9
184 Twin Falls (PSE)	20	20	20	20	20	20	20	20	20	20	20	20	20	20
185 Walla Walla (PPL)	1.5	1.5	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.8	1.8	1.5	1.5	1.8
186 Water Street / Santiam (PPL)	0	0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
187 Weeks Falls (PSE)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
188 White James (PPL)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2
189 White Water Ranch (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190 Wilson Lake Hydro (IPC)	7.1	7.1	5.3	2.0	0.2	0	0	0	2.3	2.3	6.1	6.8	7.6	7.6
191 Wisconsin Creek (NWE)	0	0	0	0.1	0	0.1	0.1	0	0	0	0	0	0.1	0
192 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7
193 IOU - Total NUG: Hydro	202	202	184	156	149	135	128	140	155	191	191	235	232	216
<b>-NUG: Small Thermal &amp; Misc.-</b>														
194 Marion Solid Waste (PGE)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
195 Montana One (NWE)	10	10	10	11	9.0	9.7	9.9	9.3	8.1	7.4	7.4	13	14	11
196 Pocatello Waste (IPC)	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1
197 Spokane MSW (PSE)	23	23	23	23	23	23	23	23	23	23	23	23	23	23
198 West Boise Waste (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
199 IOU - Total NUG: Small Thermal & Misc.	46	46	47	47	45	46	46	46	44	44	44	49	51	47
<b>-NUG: Combustion Turbines -</b>														
200 Rathdrum-Boekel Rd. #1 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
201 Rathdrum-Boekel Rd. #2 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
202 Tenaska Gas Cogen (PSE)	245	245	245	245	245	245	245	245	245	245	245	0	245	245
203 IOU - Total NUG: Combustion Turbines	421	421	421	421	421	421	421	421	421	421	421	0	421	421
<b>-NUG: Co-Generation-</b>														
204 Billings Generation (NWE)	16	16	17	17	15	16	16	15	13	12	12	21	23	17
205 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22
206 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207 Champion (PPL)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
208 DR Johnson - Co-Gen II (PPL)	7.5	7.5	7.7	5.8	7.3	6.0	6.7	9.1	7.3	7.4	7.4	11	4.2	7.1
209 Magic Valley (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
210 Magic West (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
211 March Point #1 (PSE)	80	80	80	80	80	80	80	80	80	80	80	0	80	80
212 March Point #2 (PSE)	60	60	60	60	60	60	60	60	60	60	60	60	60	60
213 PERC Pierce, Wa (PSE)	3	3	3	3	3	3	3	3	3	3	3	0	3	3
214 Simplot Pocatello (IPC)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
215 Sumas Energy (PSE)	135	135	135	135	135	135	135	135	135	135	135	135	135	135
216 Tamarack (IPC)	3.8	3.8	4.6	4.7	4.2	3.2	3.6	3.8	4.2	4.4	4.4	3.4	4.6	4.8
217 TESCO Nampa ID (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
218 TESCO Twin Falls ID (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219 Vaagen Bros. (IPC)	3	3	3.7	3.8	3.3	2.6	2.9	3.1	3.4	3.6	3.6	2.7	3.7	3.8

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 [27] 2004 White Book

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
220 Warm Springs (PPL)	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
<b>221 IOU - Total NUG: Co-Generation</b>	<b>363</b>	<b>363</b>	<b>365</b>	<b>364</b>	<b>363</b>	<b>359</b>	<b>345</b>	<b>359</b>	<b>355</b>	<b>359</b>	<b>359</b>	<b>282</b>	<b>369</b>	<b>365</b>
<b>-NUG: Renewables-</b>														
222 Emmett Biomass Project (IPC)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
223 Foote Creek 1 (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
224 Healow #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225 Josef Staufier (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226 Lewandowski Farms (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
227 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
229 Staleline Wind Project (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>231 IOU - Total NUG: Renewables</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Other Entities</b>														
<b>-NUG: Co-Generation-</b>														
232 SP Newsprint cogen (SPN)	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>233 Other - Total NUG: Co-Generation</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-NUG: Renewables-</b>														
234 Staleline Wind Project (PPME)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
235 Vansycle Wind (FPLEV)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>236 Other - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Non-Utility Generating Resources-</b>														
237 Federal Entities	3	3	3	3	3	3	3	3	3	3	3	3	3	3
238 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
239 Non Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
240 Investor-Owned Entities	1045	1045	1028	999	990	974	952	977	988	1026	1026	579	1085	1061
241 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>242 Total Non-Utility Generation</b>	<b>1335</b>	<b>1335</b>	<b>1252</b>	<b>1147</b>	<b>1092</b>	<b>1075</b>	<b>1054</b>	<b>1082</b>	<b>1121</b>	<b>1274</b>	<b>1274</b>	<b>917</b>	<b>1437</b>	<b>1387</b>

Table A-24: Regional Non Utility Generating Resources By Project  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Federal Entities</b>														
<b>-NUG: Hydro-</b>														
1 Dworshak/Clearwater Small Hydropower (BPA)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>2 Federal -Total NUG: Hydro</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>-NUG: Renewables-</b>														
3 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Condon Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Foote Creek 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Foote Creek 2 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Foote Creek 4 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Fourmile Hill Geothermal (BPA)	0	0	0	50	50	50	50	50	50	50	50	50	50	50
9 Klondike Phase 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Stateline Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>11 Federal -Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
12 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Eltopia Br Canal 4.6 (SCL)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
14 Eltopia Br Canal 4.6 (TPU)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
15 John Lewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77
18 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
19 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
20 PEC Headworks (GCPD)	4.5	4.5	3.1	3	0	0	0	0	2.8	5.1	5.1	6.9	6.2	5.8
21 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Potholes E Canal 66.0 (SCL)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
23 Potholes E Canal 66.0 (TPU)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
24 Quincy Chute (GCPD)	9	9	8	5	0	0	0	0	5	8	8	9	9	9
25 Russel D. Smith (SCL)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
26 Russel D. Smith (TPU)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
27 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11
28 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
29 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
30 Woods Creek (SHPD)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<b>31 GPU - Total NUG: Hydro</b>	<b>187</b>	<b>187</b>	<b>119</b>	<b>55</b>	<b>8.3</b>	<b>7.6</b>	<b>8.6</b>	<b>11</b>	<b>40</b>	<b>144</b>	<b>144</b>	<b>235</b>	<b>248</b>	<b>222</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
32 Grays Harbor Paper (GHPD)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33 Weyerhaeuser Pulp Mill (GHPD)	14	14	14	14	14	14	14	14	14	14	14	14	14	14
<b>34 GPU - Total NUG: Small Thermal &amp; Misc.</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>
<b>-NUG: Co-Generation-</b>														
35 Metro Westpoint (SCL)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
36 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38
<b>37 GPU - Total NUG: Co-Generation</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>
<b>-NUG: Renewables-</b>														
38 Foote Creek 1 (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Nine Canyon Wind Project (CHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Nine Canyon Wind Project (COPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Nine Canyon Wind Project (DOPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 Nine Canyon Wind Project (GCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 Nine Canyon Wind Project (GHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 Nine Canyon Wind Project (OKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 Stateline Wind Project (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Stateline Wind Project (SCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>47 GPU - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Non-Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
48 Buffalo Hydro (FRECC)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
49 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Lillwaup Falls Generating Co. (MCPD1)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
52 Mill Creek (OR) (OTECC)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
53 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>54 NGP - Total NUG: Hydro</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
55 Methane Energy Agricultural D. (TKPD)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>56 NGP - Total NUG: Small Thermal &amp; Misc.</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>
<b>-NUG: Renewables-</b>														
57 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Nine Canyon Wind Project (BCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Nine Canyon Wind Project (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Nine Canyon Wind Project (LCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Nine Canyon Wind Project (MCPD3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-24: Regional Non Utility Generating Resources By Project  
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Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 NGP - Total NUG: Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Investor-Owned Entities</b>														
<b>-NUG: Hydro-</b>														
64 Barber Dam (IPC)	2.4	2.4	1.9	0.8	0.3	1.0	2.2	2.6	3.3	3.2	3.2	3.1	3.2	3.3
65 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Beaverton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Bell Mountain (UPL)	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
68 Bingham Engineering (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1
69 Birch Creek (IPC)	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0
70 Birch Creek (UPL)	1.3	1.3	1.1	1.0	1.1	1.1	0.3	1.2	1.7	1.6	1.6	1.6	1.3	1.2
71 Black Canyon #3 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
72 Black Creek (AVWP)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
73 Blind Canyon Hydro (IPC)	0.7	0.7	1.1	0.9	0.2	0	0	0	0	0.6	0.6	1.6	1.0	0.7
74 Box Canyon (IPC)	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
75 Briggs Creek (IPC)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
76 Broadwater Dam (NWE)	1.6	1.6	2.1	2.8	2.5	2.4	2.3	2.1	2.1	2.1	2.1	3.6	3.3	2.4
77 Bypass (IPC)	8.3	8.3	6.5	2.8	1.0	0	0	0	0.1	2.9	2.9	7	8.2	8.7
78 Canyon Springs (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
79 Carlton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Cascade Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 CDM Hydro - Bonneville Pacific (PPL)	2.9	2.9	3.1	2.8	2.9	2.4	1.8	2	2.7	2.7	2.7	4.4	5.8	4.1
82 Cedar Draw (IPC)	0.3	0.3	0.9	0.9	0.9	1.2	1.2	1.3	0.4	0.4	0.4	0.4	0.3	0.3
83 Central OR Irrigation District (PPL)	3.1	3.1	3.7	3.5	0	0.7	0	0.4	0.9	0.8	0.8	4.5	3.8	4.1
84 Clear Springs Trout (IPC)	0.4	0.4	0.4	0.5	0.6	0.6	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4
85 Commercial Energy Management (PPL)	0.2	0.2	0.1	0	0.1	0.1	0	0	0	0	0	0.2	0.6	0.4
86 Corbett (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 Cornelius (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Crystal Springs (IPC)	1.3	1.3	1.6	1.5	1.6	0.5	0.5	0.6	0.8	0.9	0.9	0.8	1.4	1.3
89 Curry Cattle Co. (IPC)	0.2	0.2	0.2	0.1	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2
90 Curtiss Livestock (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Derr Creek (AVWP)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2
94 Dietrich Drop (IPC)	4.7	4.7	3.6	3.1	1.4	0	0	0	0	3.1	3.1	4.7	4.7	4.5
95 Donald Jenni (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1
96 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Eagle Point Irrigation Dist. (PPL)	0	0	0	0	0.4	0.7	0.7	0.9	0.6	0.7	0.7	0.5	0	0
98 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2
99 Estacada (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Falls Creek (PPL)	0	0	0	0	1.9	3.1	0.9	2.7	2.7	4.4	4.4	4.1	3.8	0
101 Falls River (IPC)	6.5	6.5	6.3	5.7	5.6	5.0	4.2	3.8	3.8	6.2	6.2	7.9	8.5	7.1
102 Farmers Irrig. (PPL)	0.6	0.6	0.7	1.2	3.2	3.2	2.1	4.6	3.3	3.5	3.5	4.7	0.8	0.7
103 Faulkner Ranch (IPC)	0.8	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.5	0.6	0.6	0.5	0.8	0.8
104 Fisheries Development Co (IPC)	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
105 Galesville Dam (PPL)	0.6	0.6	0.4	0.2	0.2	0.3	0	0.2	0.3	0.4	0.4	0.3	0.4	0.5
106 Geobon 2 (IPC)	1.0	1.0	0.3	0.3	0.3	0.2	0.2	0.3	0.6	0.6	0.6	0.6	1.0	1.0
107 Georgetown Power (UPL)	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0
108 Hailey Cspg (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
109 Hazelton A (IPC)	7	7	5.4	2.5	0.9	0	0	0.1	2.6	2.6	6	6.7	7.4	7.4
110 Hazelton B (IPC)	6.6	6.6	5.2	2.4	0.7	0	0	0	0.1	2.2	2.2	5.6	6.4	7.0
111 Horseshoe Bend (IPC)	8.8	8.8	7.5	3.9	2.8	3.5	3.9	4.6	5.9	8.8	8.8	9.9	9.8	9.2
112 Hutchinson Creek (PSE)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
113 Ingram Warm Springs (UPL)	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
114 Jim Ford Creek (AVWP)	0	0	0	0	0.3	0.5	0.9	0.9	1.1	1.1	1.1	0.7	0.3	0.1
115 Jim Knight (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.4
116 John Day Creek (AVWP)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
117 Kassel & Witherspoon (IPC)	1.2	1.2	1.2	0.8	0.5	0.3	0.2	0.2	0.4	0.5	0.5	1	1.1	1
118 Koma Kulshan (PSE)	12	12	12	12	12	12	12	12	12	12	12	12	12	12
119 Koyle (IPC)	1.1	1.1	1.1	1.0	1	0.2	0.1	0.1	0.3	0.8	0.8	1.2	0.8	0.9
120 L. Fery (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Lacombe Irrig. (PPL)	0	0	0	0	0.2	1.0	0.2	0.9	0.9	1	1	0.9	0.9	0.4
122 Lake Oswego (PGE)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
123 Lateral #10 (IPC)	1.5	1.5	1.6	2	2.1	1.5	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.5
124 Lee Tavener (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Little Wood River Res. (IPC)	1.9	1.9	0.2	0.2	0.2	0	0	0	1.6	1.7	1.7	1.6	2	1.9
127 Littlewood/Arkoosh (IPC)	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.5	0.5	0.4	0.8	0.7
128 Lowline #2 (IPC)	2.7	2.7	2.5	1.8	1.4	0	0	0.7	1.9	2.5	2.5	2.7	2.7	2.7
129 Lowline Canal (IPC)	7.8	7.8	7.5	7.3	7.5	0.6	0.6	0.7	5.3	5.5	5.5	5.3	8.1	7.8
130 Magic Reservoir (IPC)	6.8	6.8	4.4	0.5	0.2	0.1	0.3	0.1	0.9	3.0	3.0	8.3	9.1	9.0
131 Malad River (IPC)	0.5	0.5	0.6	0.5	0.5	0.1	0.1	0	0.2	0.4	0.4	0.6	0.4	0.5
132 Marcos Ranches (IPC)	1.1	1.1	1.2	1.1	1.2	0	0	1.1	1.2	1.2	1.1	1.2	1.1	1.1
133 Marsh Valley (UPL)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
134 Meyers Falls (AVWP)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
135 Middlefork Irrig. (PPL)	1.8	1.8	0.8	1.2	1.3	1.7	2.7	3.1	3.1	2.9	2.9	2.8	2.4	2.0
136 Mile 28 (IPC)	1.3	1.3	1.2	0.7	0.2	0	0	0	0	0.6	0.6	1.2	1.3	1.4
137 Minikahda (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Mink Creek (UPL)	1.2	1.2	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	1.6	2.7	1.6
139 Mitchell Butte (IPC)	1	1	1.1	0.4	0	0	0	0	0.3	0.8	0.8	1.2	1.3	1.1
140 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 Mt. Tabor (PGE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142 Mud Creek/S&S (IPC)	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4



Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
143 Mud Creek/White (IPC)	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
144 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0
145 Nicholson Sunnybar (UPL)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146 North Fork Sprague (PPL)	0	0	0.1	0	0	0	0.1	0.3	0.2	0.3	0.3	0.9	0.4	0.1
147 O.J. Power (UPL)	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Opal Springs (PPL)	2.6	2.6	3.0	3.6	3.2	2.9	2.9	3.5	2.6	2.7	2.7	4.5	1.6	2.2
150 Owyhee Dam (IPC)	2.8	2.8	2.0	0.6	0	0	0.2	0.6	1.8	3.3	3.3	3.9	3.3	3.2
151 Pancheri (UPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 Pelton Rereg. Dam (PPL)	7	7	6.3	8.3	8.7	8.0	7.9	10	7.7	6.8	6.8	9	7.2	6.8
153 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Phillipsburg (NWE)	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0
155 Pigeon Cove (IPC)	2.0	2.0	2.1	1.3	0.8	0.4	0.3	0.4	0.6	0.8	0.8	1.7	1.9	1.7
156 Pine Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
157 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2
159 Preston City (UPL)	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4
160 Pristine Springs (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161 Pristine Springs #3 (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162 Reynolds Irrigation (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
163 Rim View (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164 Rock Creek #1 (IPC)	1.1	1.1	1.6	1.7	1.2	1.3	1.1	1.0	1.1	1.4	1.4	1.5	1.3	1.1
165 Rock Creek #2 (IPC)	1.8	1.8	1.8	1.9	1.9	1.9	0.6	0.4	1.6	1.9	1.9	1.9	1.9	1.6
166 Sagebrush (IPC)	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.4	0.4
167 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Schaffner (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4
169 Sheep Creek (AVWP)	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.9	1.6	1.6	0.8	1.5	1.1
170 Shingle Creek (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
171 Shoshone (IPC)	0.4	0.4	0.5	0.4	0.4	0.1	0.1	0	0.1	0.3	0.3	0.5	0.3	0.4
172 Shoshone II (IPC)	0.6	0.6	0.6	0	0	0	0	0	0	0.3	0.3	0.5	0.6	0.6
173 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
174 Sneedgar Ranch (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
175 Solar Research (PPL)	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
176 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.4	0.3	0.3	0.6	0.5	0.5
177 Spokane Upriver (AVWP)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
178 Stauffer Dry Creek (UPL)	0.9	0.9	1	0.8	0.4	0	0.3	0.3	0.4	0.4	0.4	0.9	2.7	2.1
179 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0	0.1	0.1	0	0	0	0	0.1	0.1	0.1
180 Sunshine Power #2 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
181 Tiber Dam Liberty Montana (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
182 Trout Co. (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
183 Tunnel #1 (IPC)	4.3	4.3	2.6	0.5	0	0	0	2.4	5.1	5.1	5.8	5.8	5.9	5.9
184 Twin Falls (PSE)	20	20	20	20	20	20	20	20	20	20	20	20	20	20
185 Walla Walla (PPL)	1.5	1.5	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.8	1.8	1.5	1.5	1.8
186 Water Street / Santiam (PPL)	0	0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
187 Weeks Falls (PSE)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
188 White James (PPL)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2
189 White Water Ranch (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190 Wilson Lake Hydro (IPC)	7.1	7.1	5.3	2.0	0.2	0	0	0	0	2.3	2.3	6.1	6.8	7.6
191 Wisconsin Creek (NWE)	0	0	0	0.1	0	0.1	0.1	0	0	0	0	0	0	0
192 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7
<b>193 IOU - Total NUG: Hydro</b>	<b>202</b>	<b>202</b>	<b>184</b>	<b>156</b>	<b>149</b>	<b>136</b>	<b>128</b>	<b>140</b>	<b>155</b>	<b>191</b>	<b>191</b>	<b>235</b>	<b>231</b>	<b>216</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
194 Marion Solid Waste (PGE)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
195 Montana One (NWE)	10	10	10	11	9.1	9.8	10.0	9.4	8.2	7.4	7.4	13	12	11
196 Pocatello Waste (IPC)	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1
197 Spokane MSW (PSE)	23	23	23	23	23	23	23	23	23	23	23	23	23	23
198 West Boise Waste (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>199 IOU - Total NUG: Small Thermal &amp; Misc.</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>45</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>45</b>	<b>44</b>	<b>44</b>	<b>49</b>	<b>48</b>	<b>47</b>
<b>-NUG: Combustion Turbines -</b>														
200 Rathdrum-Boekel Rd. #1 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
201 Rathdrum-Boekel Rd. #2 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
202 Tenaska Gas Cogen (PSE)	245	245	245	245	245	245	245	245	245	245	245	245	245	245
<b>203 IOU - Total NUG: Combustion Turbines</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>245</b>	<b>421</b>	<b>421</b>
<b>-NUG: Co-Generation-</b>														
204 Billings Generation (NWE)	17	17	17	18	15	16	16	15	13	12	12	21	19	17
205 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22
206 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207 Champion (PPL)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
208 DR Johnson - Co-Gen II (PPL)	7.5	7.5	7.7	5.8	7.3	6.0	6.7	9.1	7.3	7.4	7.4	11	4.2	7.1
209 Magic Valley (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
210 Magic West (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
211 March Point #1 (PSE)	80	80	80	80	80	80	80	80	80	80	80	0	80	80
212 March Point #2 (PSE)	60	60	60	60	60	60	60	60	60	60	60	60	60	60
213 PERC Pierce, Wa (PSE)	3	3	3	3	3	3	3	3	3	3	3	0	3	3
214 Simplot Pocatello (IPC)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
215 Sumas Energy (PSE)	135	135	135	135	135	135	135	135	135	135	135	135	135	135
216 Tamarack (IPC)	3.8	3.8	4.6	4.7	4.2	3.2	3.6	3.8	4.2	4.4	4.4	3.4	4.6	4.8
217 TASCO Nampa ID (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
218 TASCO Twin Falls ID (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219 Vaagen Bros. (IPC)	3	3	3.7	3.8	3.3	2.6	2.9	3.1	3.4	3.6	3.6	2.7	3.7	3.8

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
220 Warm Springs (PPL)	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
<b>221 IOU - Total NUG: Co-Generation</b>	<b>363</b>	<b>363</b>	<b>365</b>	<b>364</b>	<b>363</b>	<b>360</b>	<b>345</b>	<b>359</b>	<b>356</b>	<b>359</b>	<b>359</b>	<b>282</b>	<b>365</b>	<b>365</b>
<b>-NUG: Renewables-</b>														
222 Emmett Biomass Project (IPC)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
223 Foote Creek 1 (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
224 Healow #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225 Josef Staufier (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226 Lewandowski Farms (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
227 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
229 Stalene Wind Project (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>231 IOU - Total NUG: Renewables</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Other Entities</b>														
<b>-NUG: Co-Generation-</b>														
232 SP Newsprint cogen (SPN)	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>233 Other - Total NUG: Co-Generation</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-NUG: Renewables-</b>														
234 Stalene Wind Project (PPME)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
235 Vansycle Wind (FPLEV)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>236 Other - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Non-Utility Generating Resources-</b>														
237 Federal Entities	3	3	3	53	53	53	53	53	53	53	53	53	53	53
238 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
239 Non Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
240 Investor-Owned Entities	1045	1045	1029	999	991	974	952	978	988	1026	1026	824	1077	1061
241 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>242 Total Non-Utility Generation</b>	<b>1336</b>	<b>1336</b>	<b>1252</b>	<b>1197</b>	<b>1142</b>	<b>1125</b>	<b>1104</b>	<b>1132</b>	<b>1171</b>	<b>1324</b>	<b>1324</b>	<b>1213</b>	<b>1479</b>	<b>1437</b>

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Federal Entities</b>														
<b>-NUG: Hydro-</b>														
1 Dworshak/Clearwater Small Hydropower (BPA)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2 Federal -Total NUG: Hydro	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>-NUG: Renewables-</b>														
3 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Condon Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Foote Creek 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Foote Creek 2 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Foote Creek 4 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Fourmile Hill Geothermal (BPA)	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Klondike Phase 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Stateline Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Federal -Total NUG: Renewables	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
12 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Eltopia Br Canal 4.6 (SCL)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
14 Eltopia Br Canal 4.6 (TPU)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
15 John Llewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77
18 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
19 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
20 PEC Headworks (GCPD)	4.5	4.5	3.1	3	0	0	0	0	2.8	5.1	5.1	6.9	6.2	5.8
21 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Potholes E Canal 66.0 (SCL)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
23 Potholes E Canal 66.0 (TPU)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
24 Quincy Chute (GCPD)	9	9	8	5	0	0	0	0	5	8	8	9	9	9
25 Russel D. Smith (SCL)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
26 Russel D. Smith (TPU)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
27 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11
28 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
29 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
30 Woods Creek (SHPD)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
31 GPU - Total NUG: Hydro	187	187	119	55	8.3	7.6	8.6	11	40	144	144	235	248	222
<b>-NUG: Small Thermal &amp; Misc.-</b>														
32 Grays Harbor Paper (GHPD)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33 Weyerhaeuser Pulp Mill (GHPD)	14	14	14	14	14	14	14	14	14	14	14	14	14	14
34 GPU - Total NUG: Small Thermal & Misc.	19	19	19	19	19	19	19	19	19	19	19	19	19	19
<b>-NUG: Co-Generation-</b>														
35 Metro Westpoint (SCL)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
36 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38
37 GPU - Total NUG: Co-Generation	39	39	39	28	28	28	28	28	28	39	39	39	39	39
<b>-NUG: Renewables-</b>														
38 Foote Creek 1 (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Nine Canyon Wind Project (CHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Nine Canyon Wind Project (COPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Nine Canyon Wind Project (DOPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 Nine Canyon Wind Project (GCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 Nine Canyon Wind Project (GHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 Nine Canyon Wind Project (OKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 Stateline Wind Project (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Stateline Wind Project (SCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 GPU - Total NUG: Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Non-Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
48 Buffalo Hydro (FREC)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
49 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Lillwaup Falls Generating Co. (MCPD1)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
52 Mill Creek (OR) (OTEC)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
53 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 NGP - Total NUG: Hydro	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
<b>-NUG: Small Thermal &amp; Misc.-</b>														
55 Methane Energy Agricultural D. (TKPD)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
56 NGP - Total NUG: Small Thermal & Misc.	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>-NUG: Renewables-</b>														
57 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Nine Canyon Wind Project (BCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Nine Canyon Wind Project (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Nine Canyon Wind Project (LCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Nine Canyon Wind Project (MCPD3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
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 [27] 2004 White Book

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 NGP - Total NUG: Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Investor-Owned Entities</b>														
<b>-NUG: Hydro-</b>														
64 Barber Dam (IPC)	2.4	2.4	1.9	0.8	0.3	1.0	2.2	2.6	3.3	3.2	3.2	3.1	3.2	3.3
65 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Beaverton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Bell Mountain (UPL)	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
68 Bingham Engineering (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1
69 Birch Creek (IPC)	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0
70 Birch Creek (UPL)	1.3	1.3	1.1	1.0	1.1	1.1	0.3	1.2	1.7	1.6	1.6	1.6	1.3	1.2
71 Black Canyon #3 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
72 Black Creek (AVWP)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
73 Blind Canyon Hydro (IPC)	0.7	0.7	1.1	0.9	0.2	0	0	0	0	0.6	0.6	1.6	1.0	0.7
74 Box Canyon (IPC)	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
75 Briggs Creek (IPC)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
76 Broadwater Dam (NWE)	1.6	1.6	2.1	2.8	2.5	2.4	2.3	2.2	2.1	2.2	2.2	3.7	3.3	2.5
77 Bypass (IPC)	8.3	8.3	6.5	2.8	1.0	0	0	0	0.1	2.9	2.9	7	8.2	8.7
78 Canyon Springs (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
79 Carlton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Cascade Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 CDM Hydro - Bonneville Pacific (PPL)	2.9	2.9	3.1	2.8	2.9	2.4	1.8	2	2.7	2.7	2.7	4.4	5.8	4.1
82 Cedar Draw (IPC)	0.3	0.3	0.9	0.9	0.9	1.2	1.2	1.3	0.4	0.4	0.4	0.4	0.3	0.3
83 Central OR Irrigation District (PPL)	3.1	3.1	3.7	3.5	0	0.7	0	0.4	0.9	0.8	0.8	4.5	3.8	4.1
84 Clear Springs Trout (IPC)	0.4	0.4	0.4	0.5	0.6	0.6	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4
85 Commercial Energy Management (PPL)	0.2	0.2	0.1	0	0.1	0.1	0	0	0	0	0	0.2	0.6	0.4
86 Corbett (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 Cornelius (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Crystal Springs (IPC)	1.3	1.3	1.6	1.5	1.6	0.5	0.5	0.6	0.8	0.9	0.9	0.8	1.4	1.3
89 Curry Cattle Co. (IPC)	0.2	0.2	0.2	0.1	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2
90 Curtiss Livestock (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Derr Creek (AVWP)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2
94 Dietrich Drop (IPC)	4.7	4.7	3.6	3.1	1.4	0	0	0	0	3.1	3.1	4.7	4.7	4.5
95 Donald Jenni (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1
96 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Eagle Point Irrigation Dist. (PPL)	0	0	0	0	0.4	0.7	0.7	0.9	0.6	0.7	0.7	0.5	0	0
98 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2
99 Estacada (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Falls Creek (PPL)	0	0	0	0	1.9	3.1	0.9	2.7	2.7	4.4	4.4	4.1	3.8	0
101 Falls River (IPC)	6.5	6.5	6.3	5.7	5.6	5.0	4.2	3.8	3.8	6.2	6.2	7.9	8.5	7.1
102 Farmers Irrig. (PPL)	0.6	0.6	0.7	1.2	3.2	3.2	2.1	4.6	3.3	3.5	3.5	4.7	0.8	0.7
103 Faulkner Ranch (IPC)	0.8	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.5	0.6	0.6	0.5	0.8	0.8
104 Fisheries Development Co (IPC)	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
105 Galesville Dam (PPL)	0.6	0.6	0.4	0.2	0.2	0.3	0	0.2	0.3	0.4	0.4	0.3	0.4	0.5
106 Geobon 2 (IPC)	1.0	1.0	0.3	0.3	0.3	0.2	0.2	0.3	0.6	0.6	0.6	0.6	1.0	1.0
107 Georgetown Power (UPL)	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0
108 Hailey Csp (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
109 Hazelton A (IPC)	7	7	5.4	2.5	0.9	0	0	0.1	0.1	2.6	2.6	6	6.7	7.4
110 Hazelton B (IPC)	6.6	6.6	5.2	2.4	0.7	0	0	0	0.1	2.2	2.2	5.6	6.4	7.0
111 Horseshoe Bend (IPC)	8.8	8.8	7.5	3.9	2.8	3.5	3.9	4.6	5.9	8.8	8.8	9.9	9.8	9.2
112 Hutchinson Creek (PSE)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
113 Ingram Warm Springs (UPL)	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
114 Jim Ford Creek (AVWP)	0	0	0	0	0.3	0.5	0.9	0.9	1.1	1.1	1.1	0.7	0.3	0.1
115 Jim Knight (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.4
116 John Day Creek (AVWP)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
117 Kassel & Witherspoon (IPC)	1.2	1.2	1.2	0.8	0.5	0.3	0.2	0.2	0.4	0.5	0.5	1	1.1	1
118 Koma Kulshan (PSE)	12	12	12	12	12	12	12	12	12	12	12	12	12	12
119 Koyle (IPC)	1.1	1.1	1.1	1.0	1	0.2	0.1	0.1	0.3	0.8	0.8	1.2	0.8	0.9
120 L. Fery (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Lacombe Irrig. (PPL)	0	0	0	0	0.2	1.0	0.2	0.9	0.9	1	1	0.9	0.9	0.4
122 Lake Oswego (PGE)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
123 Lateral #10 (IPC)	1.5	1.5	1.6	2	2.1	1.5	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.5
124 Lee Tavener (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Little Wood River Res. (IPC)	1.9	1.9	0.2	0.2	0.2	0	0	0	1.6	1.7	1.7	1.6	2	1.9
127 Littlewood/Arkoosh (IPC)	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.4	0.5	0.5	0.5	0.4	0.8	0.7
128 Lowline #2 (IPC)	2.7	2.7	2.5	1.8	1.4	0	0	0.7	1.9	2.5	2.5	2.7	2.7	2.7
129 Lowline Canal (IPC)	7.8	7.8	7.5	7.3	7.5	0.6	0.6	0.7	5.3	5.5	5.5	5.3	8.1	7.8
130 Magic Reservoir (IPC)	6.8	6.8	4.4	0.5	0.2	0.1	0.3	0.1	0.9	3.0	3.0	8.3	9.1	9.0
131 Malad River (IPC)	0.5	0.5	0.6	0.5	0.5	0.1	0.1	0	0.2	0.4	0.4	0.6	0.4	0.5
132 Marcos Ranches (IPC)	1.1	1.1	1.2	1.1	1.2	0	0	0	1.1	1.2	1.2	1.1	1.2	1.1
133 Marsh Valley (UPL)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
134 Meyers Falls (AVWP)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
135 Middlefork Irrig. (PPL)	1.8	1.8	0.8	1.2	1.3	1.7	2.7	3.1	3.1	2.9	2.9	2.8	2.4	2.0
136 Mile 28 (IPC)	1.3	1.3	1.2	0.7	0.2	0	0	0	0	0.6	0.6	1.2	1.3	1.4
137 Minikahda (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Mink Creek (UPL)	1.2	1.2	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	1.6	2.7	1.6
139 Mitchell Butte (IPC)	1	1	1.1	0.4	0	0	0	0	0.3	0.8	0.8	1.2	1.3	1.1
140 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 Mt. Tabor (PGE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142 Mud Creek/S&S (IPC)	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4

**Table A-24: Regional Non Utility Generating Resources By Project**  
**PNW Loads and Resource Study**  
**2008 - 2009 Operating Year**  
**[27] 2004 White Book**

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
143 Mud Creek/White (IPC)	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
144 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0
145 Nicholson Sunnybar (UPL)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146 North Fork Sprague (PPL)	0	0	0.1	0	0	0	0.1	0.3	0.2	0.3	0.3	0.9	0.4	0.1
147 O.J. Power (UPL)	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Opal Springs (PPL)	2.6	2.6	3.0	3.6	3.2	2.9	2.9	3.5	2.6	2.7	2.7	4.5	1.6	2.2
150 Owyhee Dam (IPC)	2.8	2.8	2.0	0.6	0	0	0.2	0.6	1.8	3.3	3.3	3.9	3.3	3.2
151 Pantheri (UPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 Pelton Rereg. Dam (PPL)	7	7	6.3	8.3	8.7	8.0	7.9	10	7.7	6.8	6.8	9	7.2	6.8
153 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Phillipsburg (NWE)	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0
155 Pigeon Cove (IPC)	2.0	2.0	2.1	1.3	0.8	0.4	0.3	0.4	0.6	0.8	0.8	1.7	1.9	1.7
156 Pine Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
157 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2
159 Preston City (UPL)	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4
160 Pristine Springs (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161 Pristine Springs #3 (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162 Reynolds Irrigation (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
163 Rim View (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164 Rock Creek #1 (IPC)	1.1	1.1	1.6	1.7	1.2	1.3	1.1	1.0	1.1	1.4	1.4	1.5	1.3	1.1
165 Rock Creek #2 (IPC)	1.8	1.8	1.8	1.9	1.9	1.9	0.6	0.4	1.6	1.9	1.9	1.9	1.9	1.6
166 Sagebrush (IPC)	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.4	0.4
167 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Schaffner (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4
169 Sheep Creek (AVWP)	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.9	1.6	1.6	0.8	1.5	1.1
170 Shingle Creek (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
171 Shoshone (IPC)	0.4	0.4	0.5	0.4	0.4	0.1	0.1	0	0.1	0.3	0.3	0.5	0.3	0.4
172 Shoshone II (IPC)	0.6	0.6	0.6	0	0	0	0	0	0	0.3	0.3	0.5	0.6	0.6
173 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
174 Snedigar Ranch (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
175 Solar Research (PPL)	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
176 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.4	0.3	0.3	0.6	0.5	0.5
177 Spokane Upriver (AVWP)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
178 Stauffer Dry Creek (UPL)	0.9	0.9	1	0.8	0.4	0	0.3	0.3	0.4	0.4	0.4	0.9	2.7	2.1
179 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0	0.1	0.1	0	0	0	0	0.1	0.1	0.1
180 Sunshine Power #2 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
181 Tiber Dam Liberty Montana (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
182 Trout Co. (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
183 Tunnel #1 (IPC)	4.3	4.3	2.6	0.5	0	0	0	2.4	5.1	5.1	5.8	5.8	5.9	5.9
184 Twin Falls (PSE)	20	20	20	20	20	20	20	20	20	20	20	20	20	20
185 Walla Walla (PPL)	1.5	1.5	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.8	1.8	1.5	1.5	1.8
186 Water Street / Santiam (PPL)	0	0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
187 Weeks Falls (PSE)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
188 White James (PPL)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2
189 White Water Ranch (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190 Wilson Lake Hydro (IPC)	7.1	7.1	5.3	2.0	0.2	0	0	0	2.3	2.3	6.1	6.8	7.6	7.6
191 Wisconsin Creek (NWE)	0	0	0	0.1	0	0.1	0.1	0	0	0	0	0	0	0
192 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7
<b>193 IOU - Total NUG: Hydro</b>	<b>202</b>	<b>202</b>	<b>184</b>	<b>156</b>	<b>149</b>	<b>136</b>	<b>128</b>	<b>140</b>	<b>155</b>	<b>191</b>	<b>191</b>	<b>235</b>	<b>231</b>	<b>216</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
194 Marion Solid Waste (PGE)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
195 Montana One (NWE)	10	10	10	11	9.1	9.9	10	9.5	8.3	7.5	7.5	13	12	11
196 Pocatello Waste (IPC)	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1
197 Spokane MSW (PSE)	23	23	23	23	23	23	23	23	23	23	23	23	23	23
198 West Boise Waste (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>199 IOU - Total NUG: Small Thermal &amp; Misc.</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>45</b>	<b>46</b>	<b>46</b>	<b>46</b>	<b>45</b>	<b>44</b>	<b>44</b>	<b>49</b>	<b>48</b>	<b>47</b>
<b>-NUG: Combustion Turbines -</b>														
200 Rathdrum - Boekel Rd. #1 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
201 Rathdrum - Boekel Rd. #2 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
202 Tenaska Gas Cogen (PSE)	245	245	245	245	245	245	245	245	245	245	245	245	245	245
<b>203 IOU - Total NUG: Combustion Turbines</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>245</b>	<b>421</b>	<b>421</b>
<b>-NUG: Co-Generation-</b>														
204 Billings Generation (NWE)	17	17	17	18	15	16	16	15	13	12	12	21	19	18
205 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22
206 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207 Champion (PPL)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
208 DR Johnson - Co-Gen II (PPL)	7.5	7.5	7.7	5.8	7.3	6.0	6.7	9.1	7.3	7.4	7.4	11	4.2	7.1
209 Magic Valley (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
210 Magic West (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
211 March Point #1 (PSE)	80	80	80	80	80	80	80	80	80	80	80	0	80	80
212 March Point #2 (PSE)	60	60	60	60	60	60	60	60	60	60	60	60	60	60
213 PERC Pierce, Wa (PSE)	3	3	3	3	3	3	3	3	3	3	3	0	3	3
214 Simplot Pocatello (IPC)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
215 Sumas Energy (PSE)	135	135	135	135	135	135	135	135	135	135	135	135	135	135
216 Tamarack (IPC)	3.8	3.8	4.6	4.7	4.2	3.2	3.6	3.8	4.2	4.4	4.4	3.4	4.6	4.8
217 TESCO Nampa ID (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
218 TESCO Twin Falls ID (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219 Vaagen Bros. (IPC)	3	3	3.7	3.8	3.3	2.6	2.9	3.1	3.4	3.6	3.6	2.7	3.7	3.8

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
220 Warm Springs (PPL)	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
<b>221 IOU - Total NUG: Co-Generation</b>	<b>363</b>	<b>363</b>	<b>366</b>	<b>364</b>	<b>363</b>	<b>360</b>	<b>345</b>	<b>359</b>	<b>356</b>	<b>359</b>	<b>359</b>	<b>283</b>	<b>365</b>	<b>365</b>
<b>-NUG: Renewables-</b>														
222 Emmett Biomass Project (IPC)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
223 Foote Creek 1 (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
224 Healow #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225 Josef Staufier (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226 Lewandowski Farms (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
227 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
229 Staleline Wind Project (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>231 IOU - Total NUG: Renewables</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Other Entities</b>														
<b>-NUG: Co-Generation-</b>														
232 SP Newsprint cogen (SPN)	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>233 Other - Total NUG: Co-Generation</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-NUG: Renewables-</b>														
234 Staleline Wind Project (PPME)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
235 Vansycle Wind (FPLEV)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>236 Other - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Non-Utility Generating Resources-</b>														
237 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
238 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
239 Non Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
240 Investor-Owned Entities	1045	1045	1029	999	991	975	952	978	988	1027	1027	824	1077	1061
241 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>242 Total Non-Utility Generation</b>	<b>1386</b>	<b>1386</b>	<b>1302</b>	<b>1197</b>	<b>1142</b>	<b>1125</b>	<b>1104</b>	<b>1132</b>	<b>1171</b>	<b>1325</b>	<b>1325</b>	<b>1213</b>	<b>1479</b>	<b>1437</b>

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Federal Entities</b>														
<b>-NUG: Hydro-</b>														
1 Dworshak/Clearwater Small Hydropower (BPA)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2 Federal -Total NUG: Hydro	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>-NUG: Renewables-</b>														
3 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Condon Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Foote Creek 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Foote Creek 2 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Foote Creek 4 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Fourmile Hill Geothermal (BPA)	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Klondike Phase 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Stateline Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Federal -Total NUG: Renewables	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
12 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Eltopia Br Canal 4.6 (SCL)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
14 Eltopia Br Canal 4.6 (TPU)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
15 John Llewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77
18 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
19 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
20 PEC Headworks (GCPD)	4.5	4.5	3.1	3	0	0	0	0	2.8	5.1	5.1	6.9	6.2	5.8
21 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Potholes E Canal 66.0 (SCL)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
23 Potholes E Canal 66.0 (TPU)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
24 Quincy Chute (GCPD)	9	9	8	5	0	0	0	0	5	8	8	9	9	9
25 Russel D. Smith (SCL)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
26 Russel D. Smith (TPU)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
27 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11
28 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
29 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
30 Woods Creek (SHPD)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
31 GPU - Total NUG: Hydro	187	187	119	55	8.3	7.6	8.6	11	40	144	144	235	248	222
<b>-NUG: Small Thermal &amp; Misc.-</b>														
32 Grays Harbor Paper (GHPD)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33 Weyerhaeuser Pulp Mill (GHPD)	14	14	14	14	14	14	14	14	14	14	14	14	14	14
34 GPU - Total NUG: Small Thermal & Misc.	19	19	19	19	19	19	19	19	19	19	19	19	19	19
<b>-NUG: Co-Generation-</b>														
35 Metro Westpoint (SCL)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
36 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38
37 GPU - Total NUG: Co-Generation	39	39	39	28	28	28	28	28	28	39	39	39	39	39
<b>-NUG: Renewables-</b>														
38 Foote Creek 1 (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Nine Canyon Wind Project (CHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Nine Canyon Wind Project (COPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Nine Canyon Wind Project (DOPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 Nine Canyon Wind Project (GCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 Nine Canyon Wind Project (GHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 Nine Canyon Wind Project (OKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 Stateline Wind Project (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Stateline Wind Project (SCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 GPU - Total NUG: Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Non-Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
48 Buffalo Hydro (FREC)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
49 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Lillwaup Falls Generating Co. (MCPD1)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
52 Mill Creek (OR) (OTEC)	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0
53 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 NGP - Total NUG: Hydro	1.4	1.4	1.4	1.4	1.4	1.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>-NUG: Small Thermal &amp; Misc.-</b>														
55 Methane Energy Agricultural D. (TKPD)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
56 NGP - Total NUG: Small Thermal & Misc.	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>-NUG: Renewables-</b>														
57 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Nine Canyon Wind Project (BCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Nine Canyon Wind Project (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Nine Canyon Wind Project (LCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Nine Canyon Wind Project (MCPD3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resource Study  
2009 - 2010 Operating Year  
[27] 2004 White Book

Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>62 White Bluffs Solar (ENW)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>63 NGP - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Investor-Owned Entities</b>														
<b>-NUG: Hydro-</b>														
<i>64 Barber Dam (IPC)</i>	2.4	2.4	1.9	0.8	0.3	1.0	2.2	2.6	3.3	3.2	3.2	3.1	3.2	3.3
<i>65 Barney Creek (NWE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>66 Beaverton (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>67 Bell Mountain (UPL)</i>	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
<i>68 Bingham Engineering (NWE)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1
<i>69 Birch Creek (IPC)</i>	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0
<i>70 Birch Creek (UPL)</i>	1.3	1.3	1.1	1.0	1.1	1.1	0.3	1.2	1.7	1.6	1.6	1.6	1.3	1.2
<i>71 Black Canyon #3 (IPC)</i>	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
<i>72 Black Creek (AVWP)</i>	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
<i>73 Blind Canyon Hydro (IPC)</i>	0.7	0.7	1.1	0.9	0.2	0	0	0	0	0.6	0.6	1.6	1.0	0.7
<i>74 Box Canyon (IPC)</i>	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
<i>75 Briggs Creek (IPC)</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>76 Broadwater Dam (NWE)</i>	1.6	1.6	2.1	2.8	2.5	2.4	2.3	2.2	2.2	2.2	2.2	3.7	4.1	2.5
<i>77 Bypass (IPC)</i>	8.3	8.3	6.5	2.8	1.0	0	0	0	0.1	2.9	2.9	7	8.2	8.7
<i>78 Canyon Springs (IPC)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>79 Carlton (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>80 Cascade Creek (NWE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>81 CDM Hydro - Bonneville Pacific (PPL)</i>	2.9	2.9	3.1	2.8	2.9	2.4	1.8	2	2.7	2.7	2.7	4.4	5.8	4.1
<i>82 Cedar Draw (IPC)</i>	0.3	0.3	0.9	0.9	0.9	1.2	1.2	1.3	0.4	0.4	0.4	0.4	0.3	0.3
<i>83 Central OR Irrigation District (PPL)</i>	3.1	3.1	3.7	3.5	0	0.7	0	0.4	0.9	0.8	0.8	4.5	3.8	4.1
<i>84 Clear Springs Trout (IPC)</i>	0.4	0.4	0.4	0.5	0.6	0.6	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4
<i>85 Commercial Energy Management (PPL)</i>	0.2	0.2	0.1	0	0.1	0.1	0	0	0	0	0	0.2	0.6	0.4
<i>86 Corbett (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>87 Cornelius (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>88 Crystal Springs (IPC)</i>	1.3	1.3	1.6	1.5	1.6	0.5	0.5	0.6	0.8	0.9	0.9	0.8	1.4	1.3
<i>89 Curry Cattle Co. (IPC)</i>	0.2	0.2	0.2	0.1	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2
<i>90 Curtiss Livestock (PPL)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>91 Dairy Creek (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>92 Deep Creek (AVWP)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>93 Derr Creek (AVWP)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2
<i>94 Dietrich Drop (IPC)</i>	4.7	4.7	3.6	3.1	1.4	0	0	0	0	3.1	3.1	4.7	4.7	4.5
<i>95 Donald Jenni (NWE)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1
<i>96 Eagle Creek (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>97 Eagle Point Irrigation Dist. (PPL)</i>	0	0	0	0	0.4	0.7	0.7	0.9	0.6	0.7	0.7	0.5	0	0
<i>98 Elk Creek (IPC)</i>	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2
<i>99 Estacada (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>100 Falls Creek (PPL)</i>	0	0	0	0	1.9	3.1	0.9	2.7	2.7	4.4	4.4	4.1	3.8	0
<i>101 Falls River (IPC)</i>	6.5	6.5	6.3	5.7	5.6	5.0	4.2	3.8	3.8	6.2	6.2	7.9	8.5	7.1
<i>102 Farmers Irrig. (PPL)</i>	0.6	0.6	0.7	1.2	3.2	3.2	2.1	4.6	3.3	3.5	3.5	4.7	0.8	0.7
<i>103 Faulkner Ranch (IPC)</i>	0.8	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.5	0.6	0.6	0.5	0.8	0.8
<i>104 Fisheries Development Co (IPC)</i>	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
<i>105 Galesville Dam (PPL)</i>	0.6	0.6	0.4	0.2	0.2	0.3	0	0.2	0.3	0.4	0.4	0.3	0.4	0.5
<i>106 Geobon 2 (IPC)</i>	1.0	1.0	0.3	0.3	0.3	0.2	0.2	0.3	0.6	0.6	0.6	0.6	1.0	1.0
<i>107 Georgetown Power (UPL)</i>	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0
<i>108 Hailey Cspg (IPC)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>109 Hazelton A (IPC)</i>	7	7	5.4	2.5	0.9	0	0	0.1	2.6	2.6	6	6.7	7.4	7.4
<i>110 Hazelton B (IPC)</i>	6.6	6.6	5.2	2.4	0.7	0	0	0	0.1	2.2	2.2	5.6	6.4	7.0
<i>111 Horseshoe Bend (IPC)</i>	8.8	8.8	7.5	3.9	2.8	3.5	3.9	4.6	5.9	8.8	8.8	9.9	9.8	9.2
<i>112 Hutchinson Creek (PSE)</i>	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<i>113 Ingram Warm Springs (UPL)</i>	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
<i>114 Jim Ford Creek (AVWP)</i>	0	0	0	0	0.3	0.5	0.9	0.9	1.1	1.1	1.1	0.7	0.3	0.1
<i>115 Jim Knight (IPC)</i>	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.4
<i>116 John Day Creek (AVWP)</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>117 Kassel &amp; Witherspoon (IPC)</i>	1.2	1.2	1.2	0.8	0.5	0.3	0.2	0.2	0.4	0.5	0.5	1	1.1	1
<i>118 Koma Kulshan (PSE)</i>	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<i>119 Koyle (IPC)</i>	1.1	1.1	1.1	1.0	1	0.2	0.1	0.1	0.3	0.8	0.8	1.2	0.8	0.9
<i>120 L. Fery (PPL)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>121 Lacombe Irrig. (PPL)</i>	0	0	0	0	0.2	1.0	0.2	0.9	0.9	1	1	0.9	0.9	0.4
<i>122 Lake Oswego (PGE)</i>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<i>123 Lateral #10 (IPC)</i>	1.5	1.5	1.6	2	2.1	1.5	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.5
<i>124 Lee Taverner (NWE)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>125 Lemayne (IPC)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>126 Little Wood River Res. (IPC)</i>	1.9	1.9	0.2	0.2	0.2	0	0	0	1.6	1.7	1.7	1.6	2	1.9
<i>127 Littlewood/Arkoosh (IPC)</i>	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.4	0.5	0.5	0.5	0.4	0.8	0.7
<i>128 Lowline #2 (IPC)</i>	2.7	2.7	2.5	1.8	1.4	0	0	0.7	1.9	2.5	2.5	2.7	2.7	2.7
<i>129 Lowline Canal (IPC)</i>	7.8	7.8	7.5	7.3	7.5	0.6	0.6	0.7	5.3	5.5	5.5	5.3	8.1	7.8
<i>130 Magic Reservoir (IPC)</i>	6.8	6.8	4.4	0.5	0.2	0.1	0.3	0.1	0.9	3.0	3.0	8.3	9.1	9.0
<i>131 Malad River (IPC)</i>	0.5	0.5	0.6	0.5	0.5	0.1	0.1	0	0.2	0.4	0.4	0.6	0.4	0.5
<i>132 Marcos Ranches (IPC)</i>	1.1	1.1	1.2	1.1	1.2	0	0	0	1.1	1.2	1.2	1.1	1.2	1.1
<i>133 Marsh Valley (UPL)</i>	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
<i>134 Meyers Falls (AVWP)</i>	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
<i>135 Middlefork Irrig. (PPL)</i>	1.8	1.8	0.8	1.2	1.3	1.7	2.7	3.1	3.1	2.9	2.9	2.8	2.4	2.0
<i>136 Mile 28 (IPC)</i>	1.3	1.3	1.2	0.7	0.2	0	0	0	0	0.6	0.6	1.2	1.3	1.4
<i>137 Minikahda (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>138 Mink Creek (UPL)</i>	1.2	1.2	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	1.6	2.7	1.6
<i>139 Mitchell Butte (IPC)</i>	1	1	1.1	0.4	0	0	0	0	0.3	0.8	0.8	1.2	1.3	1.1
<i>140 Mountain Energy (PPL)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>141 Mt. Tabor (PGE)</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>142 Mud Creek/S&amp;S (IPC)</i>	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4



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Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
143 Mud Creek/White (IPC)	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
144 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0
145 Nicholson Sunnybar (UPL)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146 North Fork Sprague (PPL)	0	0	0.1	0	0	0	0.1	0.3	0.2	0.3	0.3	0.9	0.4	0.1
147 O.J. Power (UPL)	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Opal Springs (PPL)	2.6	2.6	3.0	3.6	3.2	2.9	2.9	3.5	2.6	2.7	2.7	4.5	1.6	2.2
150 Owyhee Dam (IPC)	2.8	2.8	2.0	0.6	0	0	0.2	0.6	1.8	3.3	3.3	3.9	3.3	3.2
151 Pancheri (UPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 Pelton Rereg. Dam (PPL)	7	7	6.3	8.3	8.7	8.0	7.9	10	7.7	6.8	6.8	9	7.2	6.8
153 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Phillipsburg (NWE)	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0
155 Pigeon Cove (IPC)	2.0	2.0	2.1	1.3	0.8	0.4	0.3	0.4	0.6	0.8	0.8	1.7	1.9	1.7
156 Pine Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
157 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2
159 Preston City (UPL)	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4
160 Pristine Springs (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161 Pristine Springs #3 (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162 Reynolds Irrigation (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
163 Rim View (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164 Rock Creek #1 (IPC)	1.1	1.1	1.6	1.7	1.2	1.3	1.1	1.0	1.1	1.4	1.4	1.5	1.3	1.1
165 Rock Creek #2 (IPC)	1.8	1.8	1.8	1.9	1.9	1.9	0.6	0.4	1.6	1.9	1.9	1.9	1.9	1.6
166 Sagebrush (IPC)	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.4	0.4
167 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Schaffner (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4
169 Sheep Creek (AVWP)	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.9	1.6	1.6	0.8	1.5	1.1
170 Shingle Creek (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
171 Shoshone (IPC)	0.4	0.4	0.5	0.4	0.4	0.1	0.1	0	0.1	0.3	0.3	0.5	0.3	0.4
172 Shoshone II (IPC)	0.6	0.6	0.6	0	0	0	0	0	0	0.3	0.3	0.5	0.6	0.6
173 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
174 Snedigar Ranch (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
175 Solar Research (PPL)	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
176 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.4	0.4	0.4	0.6	0.7	0.5
177 Spokane Upriver (AVWP)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
178 Stauffer Dry Creek (UPL)	0.9	0.9	1	0.8	0.4	0	0.3	0.3	0.4	0.4	0.4	0.9	2.7	2.1
179 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0.1	0.1
180 Sunshine Power #2 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
181 Tiber Dam Liberty Montana (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
182 Trout Co. (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
183 Tunnel #1 (IPC)	4.3	4.3	2.6	0.5	0	0	0	2.4	5.1	5.1	5.8	5.8	5.9	5.9
184 Twin Falls (PSE)	20	20	20	20	20	20	20	20	20	20	20	20	20	20
185 Walla Walla (PPL)	1.5	1.5	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.8	1.8	1.5	1.5	1.8
186 Water Street / Santiam (PPL)	0	0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
187 Weeks Falls (PSE)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
188 White James (PPL)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2
189 White Water Ranch (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190 Wilson Lake Hydro (IPC)	7.1	7.1	5.3	2.0	0.2	0	0	0	2.3	2.3	6.1	6.8	7.6	7.6
191 Wisconsin Creek (NWE)	0	0	0	0.1	0	0.1	0.1	0.1	0	0	0	0	0.1	0
192 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7
<b>193 IOU - Total NUG: Hydro</b>	<b>203</b>	<b>203</b>	<b>184</b>	<b>156</b>	<b>149</b>	<b>136</b>	<b>128</b>	<b>140</b>	<b>155</b>	<b>191</b>	<b>191</b>	<b>235</b>	<b>232</b>	<b>216</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
194 Marion Solid Waste (PGE)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
195 Montana One (NWE)	10	10	10	11	9.2	10	10	9.6	8.4	7.6	7.6	13	15	11
196 Pocatello Waste (IPC)	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1
197 Spokane MSW (PSE)	23	23	23	23	23	23	23	23	23	23	23	23	23	23
198 West Boise Waste (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>199 IOU - Total NUG: Small Thermal &amp; Misc.</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>46</b>	<b>46</b>	<b>47</b>	<b>46</b>	<b>45</b>	<b>44</b>	<b>44</b>	<b>49</b>	<b>51</b>	<b>47</b>
<b>-NUG: Combustion Turbines -</b>														
200 Rathdrum-Boekel Rd. #1 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
201 Rathdrum-Boekel Rd. #2 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
202 Tenaska Gas Cogen (PSE)	245	245	245	245	245	245	245	245	245	245	245	245	245	245
<b>203 IOU - Total NUG: Combustion Turbines</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>245</b>	<b>421</b>	<b>421</b>
<b>-NUG: Co-Generation-</b>														
204 Billings Generation (NWE)	17	17	17	18	15	16	17	16	14	12	12	21	24	18
205 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22
206 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207 Champion (PPL)	3.3	3.3	3.3	3.3	3.3	3.3	1	3.3	3.3	3.3	3.3	3.3	3.3	3.3
208 DR Johnson - Co-Gen II (PPL)	7.5	7.5	7.7	5.8	7.3	6.0	6.7	9.1	7.3	7.4	7.4	11	4.2	7.1
209 Magic Valley (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
210 Magic West (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
211 March Point #1 (PSE)	80	80	80	80	80	80	80	80	80	80	80	0	80	80
212 March Point #2 (PSE)	60	60	60	60	60	60	60	60	60	60	60	60	60	60
213 PERC Pierce, Wa (PSE)	3	3	3	3	3	3	3	3	3	3	3	0	3	3
214 Simplot Pocatello (IPC)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
215 Sumas Energy (PSE)	135	135	135	135	135	135	135	135	135	135	135	135	135	135
216 Tamarack (IPC)	3.8	3.8	4.6	4.7	4.2	3.2	3.6	3.8	4.2	4.4	4.4	3.4	4.6	4.8
217 TASCO Nampa ID (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
218 TASCO Twin Falls ID (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219 Vaagen Bros. (IPC)	3	3	3.7	3.8	3.3	2.6	2.9	3.1	3.4	3.6	3.6	2.7	3.7	3.8

Table A-24: Regional Non Utility Generating Resources By Project  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
220 Warm Springs (PPL)	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
221 IOU - Total NUG: Co-Generation	363	363	366	364	363	360	345	359	356	359	359	283	370	365
<b>-NUG: Renewables-</b>														
222 Emmett Biomass Project (IPC)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
223 Foote Creek 1 (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
224 HeaLOW #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225 Josef Staufier (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226 Lewandowski Farms (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
227 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
229 Staleline Wind Project (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
231 IOU - Total NUG: Renewables	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<b>Other Entities</b>														
<b>-NUG: Co-Generation-</b>														
232 SP Newsprint cogen (SPN)	40	40	40	40	40	40	40	40	40	40	40	40	40	40
233 Other - Total NUG: Co-Generation	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>-NUG: Renewables-</b>														
234 Staleline Wind Project (PPME)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
235 Vansycle Wind (FPLEV)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
236 Other - Total NUG: Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>-Total Non-Utility Generating Resources-</b>														
237 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
238 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
239 Non Generating Public Entities	2.9	2.9	2.9	2.9	2.9	2.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
240 Investor-Owned Entities	1045	1045	1029	1000	991	975	953	978	989	1027	1027	825	1086	1061
241 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
242 Total Non-Utility Generation	1386	1386	1302	1198	1142	1125	1104	1132	1171	1324	1324	1213	1487	1437

Table A-24: Regional Non Utility Generating Resources By Project  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Federal Entities</b>														
<i>-NUG: Hydro-</i>														
<i>1 Dworshak/Clearwater Small Hydropower (BPA)</i>	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>2 Federal -Total NUG: Hydro</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
<i>-NUG: Renewables-</i>														
<i>3 Ashland Solar Project (BPA)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>4 Condon Wind Project (BPA)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>5 Foote Creek 1 (BPA)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>6 Foote Creek 2 (BPA)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>7 Foote Creek 4 (BPA)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>8 Fourmile Hill Geothermal (BPA)</i>	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<i>9 Klondike Phase 1 (BPA)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>10 Stataline Wind Project (BPA)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>11 Federal -Total NUG: Renewables</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>Generating Public Entities</b>														
<i>-NUG: Hydro-</i>														
<i>12 Don Steffen (SHPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>13 Eltopia Br Canal 4.6 (SCL)</i>	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
<i>14 Eltopia Br Canal 4.6 (TPU)</i>	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
<i>15 John Llewellyn (SHPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>16 Kevin Duncan (SHPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>17 Lucky Peak (SCL)</i>	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77
<i>18 Main Canal Headworks (SCL)</i>	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
<i>19 Main Canal Headworks (TPU)</i>	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
<i>20 PEC Headworks (GCPD)</i>	4.5	4.5	3.1	3	0	0	0	0	2.8	5.1	5.1	6.9	6.2	5.8
<i>21 Pickering Micro Hydro (CKPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>22 Potholes E Canal 66.0 (SCL)</i>	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
<i>23 Potholes E Canal 66.0 (TPU)</i>	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
<i>24 Quincy Chute (GCPD)</i>	9	9	8	5	0	0	0	0	5	8	8	9	9	9
<i>25 Russel D. Smith (SCL)</i>	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
<i>26 Russel D. Smith (TPU)</i>	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
<i>27 Smith Creek (EWEB)</i>	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11
<i>28 Summer Falls (SCL)</i>	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
<i>29 Summer Falls (TPU)</i>	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
<i>30 Woods Creek (SHPD)</i>	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<b>31 GPU - Total NUG: Hydro</b>	<b>187</b>	<b>187</b>	<b>119</b>	<b>55</b>	<b>8.3</b>	<b>7.6</b>	<b>8.6</b>	<b>11</b>	<b>40</b>	<b>144</b>	<b>144</b>	<b>235</b>	<b>248</b>	<b>222</b>
<i>-NUG: Small Thermal &amp; Misc.-</i>														
<i>32 Grays Harbor Paper (GHPD)</i>	5	5	5	5	5	5	5	5	5	5	5	5	5	5
<i>33 Weyerhaeuser Pulp Mill (GHPD)</i>	14	14	14	14	14	14	14	14	14	14	14	14	14	14
<b>34 GPU - Total NUG: Small Thermal &amp; Misc.</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>
<i>-NUG: Co-Generation-</i>														
<i>35 Metro Westpoint (SCL)</i>	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
<i>36 Scott Paper (SHPD)</i>	38	38	38	27	27	27	27	27	27	38	38	38	38	38
<b>37 GPU - Total NUG: Co-Generation</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>
<i>-NUG: Renewables-</i>														
<i>38 Foote Creek 1 (EWEB)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>39 Nine Canyon Wind Project (CHPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>40 Nine Canyon Wind Project (COPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>41 Nine Canyon Wind Project (DOPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>42 Nine Canyon Wind Project (GCPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>43 Nine Canyon Wind Project (GHPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>44 Nine Canyon Wind Project (OKPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>45 Stataline Wind Project (EWEB)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>46 Stataline Wind Project (SCL)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>47 GPU - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Non-Generating Public Entities</b>														
<i>-NUG: Hydro-</i>														
<i>48 Buffalo Hydro (FREC)</i>	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
<i>49 Burr &amp; Bouchard (TNEC)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>50 Falls Creek (CCPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>51 Lillwaup Falls Generating Co. (MCPD1)</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<i>52 Mill Creek (OR) (OTEC)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>53 Thomas Burnside (TNEC)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>54 NGP - Total NUG: Hydro</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>
<i>-NUG: Small Thermal &amp; Misc.-</i>														
<i>55 Methane Energy Agricultural D. (TKPD)</i>	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>56 NGP - Total NUG: Small Thermal &amp; Misc.</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>
<i>-NUG: Renewables-</i>														
<i>57 Ashland Solar Project (ASHL)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>58 Nine Canyon Wind Project (BCPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>59 Nine Canyon Wind Project (ENW)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>60 Nine Canyon Wind Project (LCPD)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>61 Nine Canyon Wind Project (MCPD3)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-24: Regional Non Utility Generating Resources By Project  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>63 NGP - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Investor-Owned Entities</b>														
<b>-NUG: Hydro-</b>														
64 Barber Dam (IPC)	2.4	2.4	1.9	0.8	0.3	1.0	2.2	2.6	3.3	3.2	3.2	3.1	3.2	3.3
65 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Beaverton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Bell Mountain (UPL)	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
68 Bingham Engineering (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69 Birch Creek (IPC)	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0
70 Birch Creek (UPL)	1.3	1.3	1.1	1.0	1.1	1.1	0.3	1.2	1.7	1.6	1.6	1.6	1.3	1.2
71 Black Canyon #3 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
72 Black Creek (AVWP)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
73 Blind Canyon Hydro (IPC)	0.7	0.7	1.1	0.9	0.2	0	0	0	0	0.6	0.6	1.6	1.0	0.7
74 Box Canyon (IPC)	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
75 Briggs Creek (IPC)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
76 Broadwater Dam (NWE)	1.6	1.6	2.1	2.8	3.3	3.1	2.9	2.8	2.8	3.0	3.0	3.7	3.4	2.5
77 Bypass (IPC)	8.3	8.3	6.5	2.8	1.0	0	0	0	0.1	2.9	2.9	7	8.2	8.7
78 Canyon Springs (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
79 Carlton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Cascade Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 CDM Hydro - Bonneville Pacific (PPL)	2.9	2.9	3.1	2.8	2.9	2.4	1.8	2	2.7	2.7	2.7	4.4	5.8	4.1
82 Cedar Draw (IPC)	0.3	0.3	0.9	0.9	0.9	1.2	1.2	1.3	0.4	0.4	0.4	0.4	0.3	0.3
83 Central OR Irrigation District (PPL)	3.1	3.1	3.7	3.5	0	0.7	0	0.4	0.9	0.8	0.8	4.5	3.8	4.1
84 Clear Springs Trout (IPC)	0.4	0.4	0.4	0.5	0.6	0.6	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4
85 Commercial Energy Management (PPL)	0.2	0.2	0.1	0	0.1	0.1	0	0	0	0	0	0.2	0.6	0.4
86 Corbett (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 Cornelius (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Crystal Springs (IPC)	1.3	1.3	1.6	1.5	1.6	0.5	0.5	0.6	0.8	0.9	0.9	0.8	1.4	1.3
89 Curry Cattle Co. (IPC)	0.2	0.2	0.2	0.1	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2
90 Curtiss Livestock (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Derr Creek (AVWP)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2
94 Dietrich Drop (IPC)	4.7	4.7	3.6	3.1	1.4	0	0	0	0	3.1	3.1	4.7	4.7	4.5
95 Donald Jenni (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Eagle Point Irrigation Dist. (PPL)	0	0	0	0	0.4	0.7	0.7	0.9	0.6	0.7	0.7	0.5	0	0
98 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2
99 Estacada (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Falls Creek (PPL)	0	0	0	0	1.9	3.1	0.9	2.7	2.7	4.4	4.4	4.1	3.8	0
101 Falls River (IPC)	6.5	6.5	6.3	5.7	5.6	5.0	4.2	3.8	3.8	6.2	6.2	7.9	8.5	7.1
102 Farmers Irrig. (PPL)	0.6	0.6	0.7	1.2	3.2	3.2	2.1	4.6	3.3	3.5	3.5	4.7	0.8	0.7
103 Faulkner Ranch (IPC)	0.8	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.5	0.6	0.6	0.5	0.8	0.8
104 Fisheries Development Co (IPC)	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
105 Galesville Dam (PPL)	0.6	0.6	0.4	0.2	0.2	0.3	0	0.2	0.3	0.4	0.4	0.3	0.4	0.5
106 Geobon 2 (IPC)	1.0	1.0	0.3	0.3	0.3	0.2	0.2	0.3	0.6	0.6	0.6	0.6	1.0	1.0
107 Georgetown Power (UPL)	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0
108 Hailey Cspg (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
109 Hazelton A (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
110 Hazelton B (IPC)	6.6	6.6	5.2	2.4	0.7	0	0	0	0.1	2.2	2.2	5.6	6.4	7.0
111 Horseshoe Bend (IPC)	8.8	8.8	7.5	3.9	2.8	3.5	3.9	4.6	5.9	8.8	8.8	9.9	9.8	9.2
112 Hutchinson Creek (PSE)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
113 Ingram Warm Springs (UPL)	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
114 Jim Ford Creek (AVWP)	0	0	0	0	0.3	0.5	0.9	0.9	1.1	1.1	1.1	0.7	0.3	0.1
115 Jim Knight (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.4
116 John Day Creek (AVWP)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
117 Kassel & Witherspoon (IPC)	1.2	1.2	1.2	0.8	0.5	0.3	0.2	0.2	0.4	0.5	0.5	1	1.1	1
118 Koma Kulshan (PSE)	12	12	12	12	12	12	12	12	12	12	12	12	12	12
119 Koyle (IPC)	1.1	1.1	1.1	1.0	1	0.2	0.1	0.1	0.3	0.8	0.8	1.2	0.8	0.9
120 L. Fery (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Lacombe Irrig. (PPL)	0	0	0	0	0.2	1.0	0.2	0.9	0.9	1	1	0.9	0.9	0.4
122 Lake Oswego (PGE)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
123 Lateral #10 (IPC)	1.5	1.5	1.6	2	2.1	1.5	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.5
124 Lee Tavener (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Little Wood River Res. (IPC)	1.9	1.9	0.2	0.2	0.2	0	0	0	1.6	1.7	1.7	1.6	2	1.9
127 Littlewood/Arkoosh (IPC)	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.4	0.5	0.5	0.5	0.4	0.8	0.7
128 Lowline #2 (IPC)	2.7	2.7	2.5	1.8	1.4	0	0	0.7	1.9	2.5	2.5	2.7	2.7	2.7
129 Lowline Canal (IPC)	7.8	7.8	7.5	7.3	7.5	0.6	0.6	0.7	5.3	5.5	5.5	5.3	8.1	7.8
130 Magic Reservoir (IPC)	6.8	6.8	4.4	0.5	0.2	0.1	0.3	0.1	0.9	3.0	3.0	8.3	9.1	9.0
131 Malad River (IPC)	0.5	0.5	0.6	0.5	0.5	0.1	0.1	0	0.2	0.4	0.4	0.6	0.4	0.5
132 Marcos Ranches (IPC)	1.1	1.1	1.2	1.1	1.2	0	0	0	1.1	1.2	1.2	1.1	1.2	1.1
133 Marsh Valley (UPL)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
134 Meyers Falls (AVWP)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
135 Middlefork Irrig. (PPL)	1.8	1.8	0.8	1.2	1.3	1.7	2.7	3.1	3.1	2.9	2.9	2.8	2.4	2.0
136 Mile 28 (IPC)	1.3	1.3	1.2	0.7	0.2	0	0	0	0	0.6	0.6	1.2	1.3	1.4
137 Minikahda (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Mink Creek (UPL)	1.2	1.2	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	1.6	2.7	1.6
139 Mitchell Butte (IPC)	1	1	1.1	0.4	0	0	0	0	0.3	0.8	0.8	1.2	1.3	1.1
140 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 Mt. Tabor (PGE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142 Mud Creek/S&S (IPC)	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
143 Mud Creek/White (IPC)	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
144 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0
145 Nicholson Sunnybar (UPL)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146 North Fork Sprague (PPL)	0	0	0.1	0	0	0	0.1	0.3	0.2	0.3	0.3	0.9	0.4	0.1
147 O.J. Power (UPL)	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Opal Springs (PPL)	2.6	2.6	3.0	3.6	3.2	2.9	2.9	3.5	2.6	2.7	2.7	4.5	1.6	2.2
150 Owyhee Dam (IPC)	2.8	2.8	2.0	0.6	0	0	0.2	0.6	1.8	3.3	3.3	3.9	3.3	3.2
151 Pancheri (UPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 Pelton Rereg. Dam (PPL)	7	7	6.3	8.3	8.7	8.0	7.9	10	7.7	6.8	6.8	9	7.2	6.8
153 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Phillipsburg (NWE)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
155 Pigeon Cove (IPC)	2.0	2.0	2.1	1.3	0.8	0.4	0.3	0.4	0.6	0.8	0.8	1.7	1.9	1.7
156 Pine Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
157 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2
159 Preston City (UPL)	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4
160 Pristine Springs (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161 Pristine Springs #3 (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162 Reynolds Irrigation (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
163 Rim View (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164 Rock Creek #1 (IPC)	1.1	1.1	1.6	1.7	1.2	1.3	1.1	1.0	1.1	1.4	1.4	1.5	1.3	1.1
165 Rock Creek #2 (IPC)	1.8	1.8	1.8	1.9	1.9	1.9	0.6	0.4	1.6	1.9	1.9	1.9	1.9	1.6
166 Sagebrush (IPC)	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.4	0.4
167 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Schaffner (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4
169 Sheep Creek (AVWP)	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.9	1.6	1.6	0.8	1.5	1.1
170 Shingle Creek (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
171 Shoshone (IPC)	0.4	0.4	0.5	0.4	0.4	0.1	0.1	0	0.1	0.3	0.3	0.5	0.3	0.4
172 Shoshone II (IPC)	0.6	0.6	0.6	0	0	0	0	0	0	0.3	0.3	0.5	0.6	0.6
173 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
174 Sneedgar Ranch (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
175 Solar Research (PPL)	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
176 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.5	0.5	0.5	0.6	0.5	0.5
177 Spokane Upriver (AVWP)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
178 Stauffer Dry Creek (UPL)	0.9	0.9	1	0.8	0.4	0	0.3	0.3	0.4	0.4	0.4	0.9	2.7	2.1
179 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
180 Sunshine Power #2 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
181 Tiber Dam Liberty Montana (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
182 Trout Co. (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
183 Tunnel #1 (IPC)	4.3	4.3	2.6	0.5	0	0	0	2.4	5.1	5.1	5.8	5.8	5.9	5.9
184 Twin Falls (PSE)	20	20	20	20	20	20	20	20	20	20	20	20	20	20
185 Walla Walla (PPL)	1.5	1.5	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.8	1.8	1.5	1.5	1.8
186 Water Street / Santiam (PPL)	0	0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
187 Weeks Falls (PSE)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
188 White James (PPL)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2
189 White Water Ranch (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190 Wilson Lake Hydro (IPC)	7.1	7.1	5.3	2.0	0.2	0	0	0	2.3	2.3	6.1	6.8	7.6	7.6
191 Wisconsin Creek (NWE)	0	0	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0
192 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7
193 IOU - Total NUG: Hydro	203	203	184	156	150	136	129	141	156	192	192	235	231	216
<b>-NUG: Small Thermal &amp; Misc.-</b>														
194 Marion Solid Waste (PGE)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
195 Montana One (NWE)	10	10	10	11	12	13	13	12	11	10	10	13	12	11
196 Pocatello Waste (IPC)	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1
197 Spokane MSW (PSE)	23	23	23	23	23	23	23	23	23	23	23	23	23	23
198 West Boise Waste (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
199 IOU - Total NUG: Small Thermal & Misc.	47	47	47	47	48	49	49	49	47	47	47	49	48	47
<b>-NUG: Combustion Turbines -</b>														
200 Rathdrum-Boekel Rd. #1 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
201 Rathdrum-Boekel Rd. #2 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
202 Tenaska Gas Cogen (PSE)	245	245	245	245	245	245	245	245	245	245	245	245	245	245
203 IOU - Total NUG: Combustion Turbines	421	421	421	421	421	421	421	421	421	421	421	245	421	421
<b>-NUG: Co-Generation-</b>														
204 Billings Generation (NWE)	17	17	17	18	20	21	21	20	18	17	17	21	19	18
205 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22
206 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207 Champion (PPL)	3.3	3.3	3.3	3.3	3.3	3.3	1	3.3	3.3	3.3	3.3	3.3	3.3	3.3
208 DR Johnson - Co-Gen II (PPL)	7.5	7.5	7.7	5.8	7.3	6.0	6.7	9.1	7.3	7.4	7.4	11	4.2	7.1
209 Magic Valley (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
210 Magic West (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
211 March Point #1 (PSE)	80	80	80	80	80	80	80	80	80	80	80	0	80	80
212 March Point #2 (PSE)	60	60	60	60	60	60	60	60	60	60	60	60	60	60
213 PERC Pierce, Wa (PSE)	3	3	3	3	3	3	3	3	3	3	3	0	3	3
214 Simplot Pocatello (IPC)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
215 Sumas Energy (PSE)	135	135	135	135	135	135	135	135	135	135	135	135	135	135
216 Tamarack (IPC)	3.8	3.8	4.6	4.7	4.2	3.2	3.6	3.8	4.2	4.4	4.4	3.4	4.6	4.8
217 TESCO Nampa ID (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
218 TESCO Twin Falls ID (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219 Vaagen Bros. (IPC)	3	3	3.7	3.8	3.3	2.6	2.9	3.1	3.4	3.6	3.6	2.7	3.7	3.8

Table A-24: Regional Non Utility Generating Resources By Project  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>220 Warm Springs (PPL)</i>	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
<b>221 IOU - Total NUG: Co-Generation</b>	<b>363</b>	<b>363</b>	<b>366</b>	<b>364</b>	<b>368</b>	<b>364</b>	<b>350</b>	<b>364</b>	<b>360</b>	<b>364</b>	<b>364</b>	<b>283</b>	<b>365</b>	<b>366</b>
<b>-NUG: Renewables-</b>														
<i>222 Emmett Biomass Project (IPC)</i>	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
<i>223 Foote Creek 1 (PPL)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>224 HeaLOW #2 (NWE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>225 Josef Staufier (NWE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>226 Lewandowski Farms (IPC)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>227 Livingston (NWE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>228 Puyallup Energy Recovery (PSE)</i>	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<i>229 Staleline Wind Project (AVWP)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>230 Windmill (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>231 IOU - Total NUG: Renewables</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Other Entities</b>														
<b>-NUG: Co-Generation-</b>														
<i>232 SP Newsprint cogen (SPN)</i>	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>233 Other - Total NUG: Co-Generation</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-NUG: Renewables-</b>														
<i>234 Staleline Wind Project (PPME)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>235 Vansycle Wind (FPLEV)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>236 Other - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Non-Utility Generating Resources-</b>														
<i>237 Federal Entities</i>	53	53	53	53	53	53	53	53	53	53	53	53	53	53
<i>238 Generating Public Entities</i>	245	245	177	102	55	55	56	59	87	202	202	293	306	280
<i>239 Non Generating Public Entities</i>	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
<i>240 Investor-Owned Entities</i>	1046	1046	1029	1000	999	983	960	986	997	1035	1035	825	1078	1062
<i>241 Other Entities</i>	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>242 Total Non-Utility Generation</b>	<b>1386</b>	<b>1386</b>	<b>1302</b>	<b>1197</b>	<b>1150</b>	<b>1133</b>	<b>1112</b>	<b>1140</b>	<b>1179</b>	<b>1333</b>	<b>1333</b>	<b>1213</b>	<b>1479</b>	<b>1437</b>

Table A-24: Regional Non Utility Generating Resources By Project  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Federal Entities</b>														
<b>-NUG: Hydro-</b>														
1 Dworshak/Clearwater Small Hydropower (BPA)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>2 Federal -Total NUG: Hydro</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>-NUG: Renewables-</b>														
3 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Condon Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Foote Creek 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Foote Creek 2 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Foote Creek 4 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Fourmile Hill Geothermal (BPA)	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Klondike Phase 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Stateline Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>11 Federal -Total NUG: Renewables</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
12 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Eltopia Br Canal 4.6 (SCL)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
14 Eltopia Br Canal 4.6 (TPU)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
15 John Llewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77
18 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
19 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
20 PEC Headworks (GCPD)	4.5	4.5	3.1	3	0	0	0	0	2.8	5.1	5.1	6.9	6.2	5.8
21 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Potholes E Canal 66.0 (SCL)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
23 Potholes E Canal 66.0 (TPU)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
24 Quincy Chute (GCPD)	9	9	8	5	0	0	0	0	5	8	8	9	9	9
25 Russel D. Smith (SCL)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
26 Russel D. Smith (TPU)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
27 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11
28 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
29 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
30 Woods Creek (SHPD)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<b>31 GPU - Total NUG: Hydro</b>	<b>187</b>	<b>187</b>	<b>119</b>	<b>55</b>	<b>8.3</b>	<b>7.6</b>	<b>8.6</b>	<b>11</b>	<b>40</b>	<b>144</b>	<b>144</b>	<b>235</b>	<b>248</b>	<b>222</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
32 Grays Harbor Paper (GHPD)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33 Weyerhaeuser Pulp Mill (GHPD)	14	14	14	14	14	14	14	14	14	14	14	14	14	14
<b>34 GPU - Total NUG: Small Thermal &amp; Misc.</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>
<b>-NUG: Co-Generation-</b>														
35 Metro Westpoint (SCL)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
36 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38
<b>37 GPU - Total NUG: Co-Generation</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>
<b>-NUG: Renewables-</b>														
38 Foote Creek 1 (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Nine Canyon Wind Project (CHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Nine Canyon Wind Project (COPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Nine Canyon Wind Project (DOPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 Nine Canyon Wind Project (GCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 Nine Canyon Wind Project (GHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 Nine Canyon Wind Project (OKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 Stateline Wind Project (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Stateline Wind Project (SCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>47 GPU - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Non-Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
48 Buffalo Hydro (FREC)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
49 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Lillwaup Falls Generating Co. (MCPD1)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
52 Mill Creek (OR) (OTEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>54 NGP - Total NUG: Hydro</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
55 Methane Energy Agricultural D. (TKPD)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>56 NGP - Total NUG: Small Thermal &amp; Misc.</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>
<b>-NUG: Renewables-</b>														
57 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Nine Canyon Wind Project (BCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Nine Canyon Wind Project (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Nine Canyon Wind Project (LCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Nine Canyon Wind Project (MCPD3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 NGP - Total NUG: Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Investor-Owned Entities</b>														
<b>-NUG: Hydro-</b>														
64 Barber Dam (IPC)	2.4	2.4	1.9	0.8	0.3	1.0	2.2	2.6	3.3	3.2	3.2	3.1	3.2	3.3
65 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Beaverton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Bell Mountain (UPL)	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
68 Bingham Engineering (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69 Birch Creek (IPC)	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0
70 Birch Creek (UPL)	1.3	1.3	1.1	1.0	1.1	1.1	0.3	1.2	1.7	1.6	1.6	1.6	1.3	1.2
71 Black Canyon #3 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
72 Black Creek (AVWP)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
73 Blind Canyon Hydro (IPC)	0.7	0.7	1.1	0.9	0.2	0	0	0	0	0.6	0.6	1.6	1.0	0.7
74 Box Canyon (IPC)	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
75 Briggs Creek (IPC)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
76 Broadwater Dam (NWE)	1.7	1.7	2.1	2.8	3.3	3.1	3.0	2.8	2.9	3.0	3.0	3.8	3.4	2.5
77 Bypass (IPC)	8.3	8.3	6.5	2.8	1.0	0	0	0	0.1	2.9	2.9	7	8.2	8.7
78 Canyon Springs (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
79 Carlton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Cascade Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 CDM Hydro - Bonneville Pacific (PPL)	2.9	2.9	3.1	2.8	2.9	2.4	1.8	2	2.7	2.7	2.7	4.4	5.8	4.1
82 Cedar Draw (IPC)	0.3	0.3	0.9	0.9	0.9	1.2	1.2	1.3	0.4	0.4	0.4	0.4	0.3	0.3
83 Central OR Irrigation District (PPL)	3.1	3.1	3.7	3.5	0	0.7	0	0.4	0.9	0.8	0.8	4.5	3.8	4.1
84 Clear Springs Trout (IPC)	0.4	0.4	0.4	0.5	0.6	0.6	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4
85 Commercial Energy Management (PPL)	0.2	0.2	0.1	0	0.1	0.1	0	0	0	0	0	0.2	0.6	0.4
86 Corbett (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 Cornelius (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Crystal Springs (IPC)	1.3	1.3	1.6	1.5	1.6	0.5	0.5	0.6	0.8	0.9	0.9	0.8	1.4	1.3
89 Curry Cattle Co. (IPC)	0.2	0.2	0.2	0.1	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2
90 Curtiss Livestock (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Derr Creek (AVWP)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2
94 Dietrich Drop (IPC)	4.7	4.7	3.6	3.1	1.4	0	0	0	0	3.1	3.1	4.7	4.7	4.5
95 Donald Jenni (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Eagle Point Irrigation Dist. (PPL)	0	0	0	0	0.4	0.7	0.7	0.9	0.6	0.7	0.7	0.5	0	0
98 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2
99 Estacada (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Falls Creek (PPL)	0	0	0	0	1.9	3.1	0.9	2.7	2.7	4.4	4.4	4.1	3.8	0
101 Falls River (IPC)	6.5	6.5	6.3	5.7	5.6	5.0	4.2	3.8	3.8	6.2	6.2	7.9	8.5	7.1
102 Farmers Irrig. (PPL)	0.6	0.6	0.7	1.2	3.2	3.2	2.1	4.6	3.3	3.5	3.5	4.7	0.8	0.7
103 Faulkner Ranch (IPC)	0.8	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.5	0.6	0.6	0.5	0.8	0.8
104 Fisheries Development Co (IPC)	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
105 Galesville Dam (PPL)	0.6	0.6	0.4	0.2	0.2	0.3	0	0.2	0.3	0.4	0.4	0.3	0.4	0.5
106 Geobon 2 (IPC)	1.0	1.0	0.3	0.3	0.3	0.2	0.2	0.3	0.6	0.6	0.6	0.6	1.0	1.0
107 Georgetown Power (UPL)	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0
108 Hailey Cspg (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
109 Hazelton A (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
110 Hazelton B (IPC)	6.6	6.6	5.2	2.4	0.7	0	0	0	0.1	2.2	2.2	5.6	6.4	7.0
111 Horseshoe Bend (IPC)	8.8	8.8	7.5	3.9	2.8	3.5	3.9	4.6	5.9	8.8	8.8	9.9	9.8	9.2
112 Hutchinson Creek (PSE)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
113 Ingram Warm Springs (UPL)	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
114 Jim Ford Creek (AVWP)	0	0	0	0	0.3	0.5	0.9	0.9	1.1	1.1	1.1	0.7	0.3	0.1
115 Jim Knight (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.4
116 John Day Creek (AVWP)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
117 Kassel & Witherspoon (IPC)	1.2	1.2	1.2	0.8	0.5	0.3	0.2	0.2	0.4	0.5	0.5	1	1.1	1
118 Koma Kulshan (PSE)	12	12	12	12	12	12	12	12	12	12	12	12	12	12
119 Koyle (IPC)	1.1	1.1	1.1	1.0	1	0.2	0.1	0.1	0.3	0.8	0.8	1.2	0.8	0.9
120 L. Fery (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Lacombe Irrig. (PPL)	0	0	0	0	0.2	1.0	0.2	0.9	0.9	1	1	0.9	0.9	0.4
122 Lake Oswego (PGE)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
123 Lateral #10 (IPC)	1.5	1.5	1.6	2	2.1	1.5	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.5
124 Lee Tavenner (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Little Wood River Res. (IPC)	1.9	1.9	0.2	0.2	0.2	0	0	0	1.6	1.7	1.7	1.6	2	1.9
127 Littlewood/Arkoosh (IPC)	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.4	0.5	0.5	0.5	0.4	0.8	0.7
128 Lowline #2 (IPC)	2.7	2.7	2.5	1.8	1.4	0	0	0.7	1.9	2.5	2.5	2.7	2.7	2.7
129 Lowline Canal (IPC)	7.8	7.8	7.5	7.3	7.5	0.6	0.6	0.7	5.3	5.5	5.5	5.3	8.1	7.8
130 Magic Reservoir (IPC)	6.8	6.8	4.4	0.5	0.2	0.1	0.3	0.1	0.9	3.0	3.0	8.3	9.1	9.0
131 Malad River (IPC)	0.5	0.5	0.6	0.5	0.5	0.1	0.1	0	0.2	0.4	0.4	0.6	0.4	0.5
132 Marcos Ranches (IPC)	1.1	1.1	1.2	1.1	1.2	0	0	1.1	1.2	1.2	1.2	1.1	1.2	1.1
133 Marsh Valley (UPL)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
134 Meyers Falls (AVWP)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
135 Middlefork Irrig. (PPL)	1.8	1.8	0.8	1.2	1.3	1.7	2.7	3.1	3.1	2.9	2.9	2.8	2.4	2.0
136 Mile 28 (IPC)	1.3	1.3	1.2	0.7	0.2	0	0	0	0	0.6	0.6	1.2	1.3	1.4
137 Minikahda (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Mink Creek (UPL)	1.2	1.2	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	1.6	2.7	1.6
139 Mitchell Butte (IPC)	1	1	1.1	0.4	0	0	0	0	0.3	0.8	0.8	1.2	1.3	1.1
140 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 Mt. Tabor (PGE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142 Mud Creek/S&S (IPC)	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4



Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
143 Mud Creek/White (IPC)	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
144 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0
145 Nicholson Sunnybar (UPL)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146 North Fork Sprague (PPL)	0	0	0.1	0	0	0	0.1	0.3	0.2	0.3	0.3	0.9	0.4	0.1
147 O.J. Power (UPL)	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Opal Springs (PPL)	2.6	2.6	3.0	3.6	3.2	2.9	2.9	3.5	2.6	2.7	2.7	4.5	1.6	2.2
150 Owyhee Dam (IPC)	2.8	2.8	2.0	0.6	0	0	0.2	0.6	1.8	3.3	3.3	3.9	3.3	3.2
151 Pancheri (UPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 Pelton Rereg. Dam (PPL)	7	7	6.3	8.3	8.7	8.0	7.9	10	7.7	6.8	6.8	9	7.2	6.8
153 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Phillipsburg (NWE)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
155 Pigeon Cove (IPC)	2.0	2.0	2.1	1.3	0.8	0.4	0.3	0.4	0.6	0.8	0.8	1.7	1.9	1.7
156 Pine Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
157 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2
159 Preston City (UPL)	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4
160 Pristine Springs (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161 Pristine Springs #3 (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162 Reynolds Irrigation (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
163 Rim View (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164 Rock Creek #1 (IPC)	1.1	1.1	1.6	1.7	1.2	1.3	1.1	1.0	1.1	1.4	1.4	1.5	1.3	1.1
165 Rock Creek #2 (IPC)	1.8	1.8	1.8	1.9	1.9	1.9	0.6	0.4	1.6	1.9	1.9	1.9	1.9	1.6
166 Sagebrush (IPC)	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.4	0.4
167 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Schaffner (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4
169 Sheep Creek (AVWP)	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.9	1.6	1.6	0.8	1.5	1.1
170 Shingle Creek (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
171 Shoshone (IPC)	0.4	0.4	0.5	0.4	0.4	0.1	0.1	0	0.1	0.3	0.3	0.5	0.3	0.4
172 Shoshone II (IPC)	0.6	0.6	0.6	0	0	0	0	0	0	0.3	0.3	0.5	0.6	0.6
173 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
174 Snedigar Ranch (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
175 Solar Research (PPL)	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
176 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.5	0.5	0.5	0.6	0.6	0.5
177 Spokane Upriver (AVWP)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
178 Stauffer Dry Creek (UPL)	0.9	0.9	1	0.8	0.4	0	0.3	0.3	0.4	0.4	0.4	0.9	2.7	2.1
179 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
180 Sunshine Power #2 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
181 Tiber Dam Liberty Montana (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
182 Trout Co. (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
183 Tunnel #1 (IPC)	4.3	4.3	2.6	0.5	0	0	0	2.4	5.1	5.1	5.8	5.8	5.9	5.9
184 Twin Falls (PSE)	20	20	20	20	20	20	20	20	20	20	20	20	20	20
185 Walla Walla (PPL)	1.5	1.5	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.8	1.8	1.5	1.5	1.8
186 Water Street / Santiam (PPL)	0	0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
187 Weeks Falls (PSE)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
188 White James (PPL)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2
189 White Water Ranch (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190 Wilson Lake Hydro (IPC)	7.1	7.1	5.3	2.0	0.2	0	0	0	2.3	2.3	6.1	6.8	7.6	7.6
191 Wisconsin Creek (NWE)	0	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0
192 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7
<b>193 IOU - Total NUG: Hydro</b>	<b>203</b>	<b>203</b>	<b>184</b>	<b>156</b>	<b>150</b>	<b>136</b>	<b>129</b>	<b>141</b>	<b>156</b>	<b>192</b>	<b>192</b>	<b>235</b>	<b>231</b>	<b>216</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
194 Marion Solid Waste (PGE)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
195 Montana One (NWE)	11	11	11	11	12	13	13	12	11	10	10	13	12	11
196 Pocatello Waste (IPC)	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1
197 Spokane MSW (PSE)	23	23	23	23	23	23	23	23	23	23	23	23	23	23
198 West Boise Waste (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>199 IOU - Total NUG: Small Thermal &amp; Misc.</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>48</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>48</b>	<b>47</b>	<b>47</b>	<b>50</b>	<b>48</b>	<b>47</b>
<b>-NUG: Combustion Turbines -</b>														
200 Rathdrum-Boekel Rd. #1 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
201 Rathdrum-Boekel Rd. #2 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
202 Tenaska Gas Cogen (PSE)	245	245	245	245	245	245	245	245	245	245	245	245	245	245
<b>203 IOU - Total NUG: Combustion Turbines</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>245</b>	<b>421</b>	<b>421</b>
<b>-NUG: Co-Generation-</b>														
204 Billings Generation (NWE)	17	17	17	18	20	21	21	20	18	17	17	21	19	18
205 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22
206 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207 Champion (PPL)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
208 DR Johnson - Co-Gen II (PPL)	7.5	7.5	7.7	5.8	7.3	6.0	6.7	9.1	7.3	7.4	7.4	11	4.2	7.1
209 Magic Valley (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
210 Magic West (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
211 March Point #1 (PSE)	80	80	80	80	80	80	80	80	80	80	80	0	80	80
212 March Point #2 (PSE)	60	60	60	60	60	60	60	60	60	60	60	60	60	60
213 PERC Pierce, Wa (PSE)	3	3	3	3	3	3	3	3	3	3	3	0	3	3
214 Simplot Pocatello (IPC)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
215 Sumas Energy (PSE)	135	135	135	135	135	135	135	135	135	135	135	135	135	135
216 Tamarack (IPC)	3.8	3.8	4.6	4.7	4.2	3.2	3.6	3.8	4.2	4.4	4.4	3.4	4.6	4.8
217 TESCO Nampa ID (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
218 TESCO Twin Falls ID (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219 Vaagen Bros. (IPC)	3	3	3.7	3.8	3.3	2.6	2.9	3.1	3.4	3.6	3.6	2.7	3.7	3.8

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
220 Warm Springs (PPL)	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
<b>221 IOU - Total NUG: Co-Generation</b>	<b>363</b>	<b>363</b>	<b>366</b>	<b>364</b>	<b>368</b>	<b>365</b>	<b>350</b>	<b>364</b>	<b>360</b>	<b>364</b>	<b>364</b>	<b>283</b>	<b>365</b>	<b>366</b>
<b>-NUG: Renewables-</b>														
222 Emmett Biomass Project (IPC)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
223 Foote Creek 1 (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
224 Healow #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225 Josef Staufier (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226 Lewandowski Farms (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
227 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
229 Staleline Wind Project (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>231 IOU - Total NUG: Renewables</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Other Entities</b>														
<b>-NUG: Co-Generation-</b>														
232 SP Newsprint cogen (SPN)	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>233 Other - Total NUG: Co-Generation</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-NUG: Renewables-</b>														
234 Staleline Wind Project (PPME)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
235 Vansycle Wind (FPLEV)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>236 Other - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Non-Utility Generating Resources-</b>														
237 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
238 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
239 Non Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
240 Investor-Owned Entities	1046	1046	1030	1000	999	983	961	986	997	1035	1035	825	1078	1062
241 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>242 Total Non-Utility Generation</b>	<b>1386</b>	<b>1386</b>	<b>1302</b>	<b>1197</b>	<b>1150</b>	<b>1133</b>	<b>1112</b>	<b>1140</b>	<b>1179</b>	<b>1333</b>	<b>1333</b>	<b>1213</b>	<b>1479</b>	<b>1437</b>

Table A-24: Regional Non Utility Generating Resources By Project  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Federal Entities</b>														
<b>-NUG: Hydro-</b>														
1 Dworshak/Clearwater Small Hydropower (BPA)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>2 Federal -Total NUG: Hydro</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>-NUG: Renewables-</b>														
3 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Condon Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Foote Creek 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Foote Creek 2 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Foote Creek 4 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Fourmile Hill Geothermal (BPA)	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Klondike Phase 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Stataline Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>11 Federal -Total NUG: Renewables</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
12 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Eltopia Br Canal 4.6 (SCL)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
14 Eltopia Br Canal 4.6 (TPU)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
15 John Llewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77
18 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
19 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
20 PEC Headworks (GCPD)	4.5	4.5	3.1	3	0	0	0	0	2.8	5.1	5.1	6.9	6.2	5.8
21 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Potholes E Canal 66.0 (SCL)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
23 Potholes E Canal 66.0 (TPU)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
24 Quincy Chute (GCPD)	9	9	8	5	0	0	0	0	5	8	8	9	9	9
25 Russel D. Smith (SCL)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
26 Russel D. Smith (TPU)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
27 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11
28 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
29 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
30 Woods Creek (SHPD)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<b>31 GPU - Total NUG: Hydro</b>	<b>187</b>	<b>187</b>	<b>119</b>	<b>55</b>	<b>8.3</b>	<b>7.6</b>	<b>8.6</b>	<b>11</b>	<b>40</b>	<b>144</b>	<b>144</b>	<b>235</b>	<b>248</b>	<b>222</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
32 Grays Harbor Paper (GHPD)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33 Weyerhaeuser Pulp Mill (GHPD)	14	14	14	14	14	14	14	14	14	14	14	14	14	14
<b>34 GPU - Total NUG: Small Thermal &amp; Misc.</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>
<b>-NUG: Co-Generation-</b>														
35 Metro Westpoint (SCL)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
36 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38
<b>37 GPU - Total NUG: Co-Generation</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>
<b>-NUG: Renewables-</b>														
38 Foote Creek 1 (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Nine Canyon Wind Project (CHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Nine Canyon Wind Project (COPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Nine Canyon Wind Project (DOPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 Nine Canyon Wind Project (GCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 Nine Canyon Wind Project (GHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 Nine Canyon Wind Project (OKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 Stataline Wind Project (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Stataline Wind Project (SCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>47 GPU - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Non-Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
48 Buffalo Hydro (FREC)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
49 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Lillwaup Falls Generating Co. (MCPD1)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
52 Mill Creek (OR) (OTEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>54 NGP - Total NUG: Hydro</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
55 Methane Energy Agricultural D. (TKPD)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>56 NGP - Total NUG: Small Thermal &amp; Misc.</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>
<b>-NUG: Renewables-</b>														
57 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Nine Canyon Wind Project (BCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Nine Canyon Wind Project (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Nine Canyon Wind Project (LCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Nine Canyon Wind Project (MCPD3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-24: Regional Non Utility Generating Resources By Project  
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Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>62 White Bluffs Solar (ENW)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>63 NGP - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Investor-Owned Entities</b>														
<b>-NUG: Hydro-</b>														
<i>64 Barber Dam (IPC)</i>	2.4	2.4	1.9	0.8	0.3	1.0	2.2	2.6	3.3	3.2	3.2	3.1	3.2	3.3
<i>65 Barney Creek (NWE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>66 Beaverton (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>67 Bell Mountain (UPL)</i>	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
<i>68 Bingham Engineering (NWE)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>69 Birch Creek (IPC)</i>	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0
<i>70 Birch Creek (UPL)</i>	1.3	1.3	1.1	1.0	1.1	1.1	0.3	1.2	1.7	1.6	1.6	1.6	1.3	1.2
<i>71 Black Canyon #3 (IPC)</i>	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
<i>72 Black Creek (AVWP)</i>	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
<i>73 Blind Canyon Hydro (IPC)</i>	0.7	0.7	1.1	0.9	0.2	0	0	0	0	0.6	0.6	1.6	1.0	0.7
<i>74 Box Canyon (IPC)</i>	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
<i>75 Briggs Creek (IPC)</i>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6
<i>76 Broadwater Dam (NWE)</i>	1.7	1.7	2.1	2.9	3.3	3.1	3	2.9	2.9	3	3	3.8	4.3	2.6
<i>77 Bypass (IPC)</i>	8.3	8.3	6.5	2.8	1.0	0	0	0	0.1	2.9	2.9	7	8.2	8.7
<i>78 Canyon Springs (IPC)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>79 Carlton (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>80 Cascade Creek (NWE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>81 CDM Hydro - Bonneville Pacific (PPL)</i>	2.9	2.9	3.1	2.8	2.9	2.4	1.8	2	2.7	2.7	2.7	4.4	5.8	4.1
<i>82 Cedar Draw (IPC)</i>	0.3	0.3	0.9	0.9	0.9	1.2	1.2	1.3	0.4	0.4	0.4	0.4	0.3	0.3
<i>83 Central OR Irrigation District (PPL)</i>	3.1	3.1	3.7	3.5	0	0.7	0	0.4	0.9	0.8	0.8	4.5	3.8	4.1
<i>84 Clear Springs Trout (IPC)</i>	0.4	0.4	0.4	0.5	0.6	0.6	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4
<i>85 Commercial Energy Management (PPL)</i>	0.2	0.2	0.1	0	0.1	0.1	0	0	0	0	0	0.2	0.6	0.4
<i>86 Corbett (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>87 Cornelius (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>88 Crystal Springs (IPC)</i>	1.3	1.3	1.6	1.5	1.6	0.5	0.5	0.6	0.8	0.9	0.9	0.8	1.4	1.3
<i>89 Curry Cattle Co. (IPC)</i>	0.2	0.2	0.2	0.1	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2
<i>90 Curtiss Livestock (PPL)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>91 Dairy Creek (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>92 Deep Creek (AVWP)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>93 Derr Creek (AVWP)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2
<i>94 Dietrich Drop (IPC)</i>	4.7	4.7	3.6	3.1	1.4	0	0	0	0	3.1	3.1	4.7	4.7	4.5
<i>95 Donald Jenni (NWE)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>96 Eagle Creek (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>97 Eagle Point Irrigation Dist. (PPL)</i>	0	0	0	0	0.4	0.7	0.7	0.9	0.6	0.7	0.7	0.5	0	0
<i>98 Elk Creek (IPC)</i>	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2
<i>99 Estacada (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>100 Falls Creek (PPL)</i>	0	0	0	0	1.9	3.1	0.9	2.7	2.7	4.4	4.4	4.1	3.8	0
<i>101 Falls River (IPC)</i>	6.5	6.5	6.3	5.7	5.6	5.0	4.2	3.8	3.8	6.2	6.2	7.9	8.5	7.1
<i>102 Farmers Irrig. (PPL)</i>	0.6	0.6	0.7	1.2	3.2	3.2	2.1	4.6	3.3	3.5	3.5	4.7	0.8	0.7
<i>103 Faulkner Ranch (IPC)</i>	0.8	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.5	0.6	0.6	0.5	0.8	0.8
<i>104 Fisheries Development Co (IPC)</i>	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
<i>105 Galesville Dam (PPL)</i>	0.6	0.6	0.4	0.2	0.2	0.3	0	0.2	0.3	0.4	0.4	0.3	0.4	0.5
<i>106 Geobon 2 (IPC)</i>	1.0	1.0	0.3	0.3	0.3	0.2	0.2	0.3	0.6	0.6	0.6	0.6	1.0	1.0
<i>107 Georgetown Power (UPL)</i>	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0
<i>108 Hailey C spp (IPC)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>109 Hazelton A (IPC)</i>	7	7	5.4	2.5	0.9	0	0	0.1	2.6	2.6	6	6.7	7.4	7.4
<i>110 Hazelton B (IPC)</i>	6.6	6.6	5.2	2.4	0.7	0	0	0	0.1	2.2	2.2	5.6	6.4	7.0
<i>111 Horseshoe Bend (IPC)</i>	8.8	8.8	7.5	3.9	2.8	3.5	3.9	4.6	5.9	8.8	8.8	9.9	9.8	9.2
<i>112 Hutchinson Creek (PSE)</i>	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<i>113 Ingram Warm Springs (UPL)</i>	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
<i>114 Jim Ford Creek (AVWP)</i>	0	0	0	0	0.3	0.5	0.9	0.9	1.1	1.1	1.1	0.7	0.3	0.1
<i>115 Jim Knight (IPC)</i>	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.4
<i>116 John Day Creek (AVWP)</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>117 Kassel &amp; Witherspoon (IPC)</i>	1.2	1.2	1.2	0.8	0.5	0.3	0.2	0.2	0.4	0.5	0.5	1	1.1	1
<i>118 Koma Kulshan (PSE)</i>	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<i>119 Koyle (IPC)</i>	1.1	1.1	1.1	1.0	1	0.2	0.1	0.1	0.3	0.8	0.8	1.2	0.8	0.9
<i>120 L. Fery (PPL)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>121 Lacombe Irrig. (PPL)</i>	0	0	0	0	0.2	1.0	0.2	0.9	0.9	1	1	0.9	0.9	0.4
<i>122 Lake Oswego (PGE)</i>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<i>123 Lateral #10 (IPC)</i>	1.5	1.5	1.6	2	2.1	1.5	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.5
<i>124 Lee Tavener (NWE)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>125 Lemoyne (IPC)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>126 Little Wood River Res. (IPC)</i>	1.9	1.9	0.2	0.2	0.2	0	0	0	1.6	1.7	1.7	1.6	2	1.9
<i>127 Littlewood/Arkoosh (IPC)</i>	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.5	0.5	0.4	0.8	0.7
<i>128 Lowline #2 (IPC)</i>	2.7	2.7	2.5	1.8	1.4	0	0	0.7	1.9	2.5	2.5	2.7	2.7	2.7
<i>129 Lowline Canal (IPC)</i>	7.8	7.8	7.5	7.3	7.5	0.6	0.6	0.7	5.3	5.5	5.5	5.3	8.1	7.8
<i>130 Magic Reservoir (IPC)</i>	6.8	6.8	4.4	0.5	0.2	0.1	0.3	0.1	0.9	3.0	3.0	8.3	9.1	9.0
<i>131 Malad River (IPC)</i>	0.5	0.5	0.6	0.5	0.5	0.1	0.1	0	0.2	0.4	0.4	0.6	0.4	0.5
<i>132 Marcos Ranches (IPC)</i>	1.1	1.1	1.2	1.1	1.2	0	0	1.1	1.2	1.2	1.2	1.1	1.2	1.1
<i>133 Marsh Valley (UPL)</i>	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
<i>134 Meyers Falls (AVWP)</i>	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
<i>135 Middlefork Irrig. (PPL)</i>	1.8	1.8	0.8	1.2	1.3	1.7	2.7	3.1	3.1	2.9	2.9	2.8	2.4	2.0
<i>136 Mile 28 (IPC)</i>	1.3	1.3	1.2	0.7	0.2	0	0	0	0	0.6	0.6	1.2	1.3	1.4
<i>137 Minikahda (PGE)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>138 Mink Creek (UPL)</i>	1.2	1.2	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	1.6	2.7	1.6
<i>139 Mitchell Butte (IPC)</i>	1	1	1.1	0.4	0	0	0	0	0.3	0.8	0.8	1.2	1.3	1.1
<i>140 Mountain Energy (PPL)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>141 Mt. Tabor (PGE)</i>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<i>142 Mud Creek/S&amp;S (IPC)</i>	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4

Table A-24: Regional Non Utility Generating Resources By Project  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
143 Mud Creek/White (IPC)	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
144 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0
145 Nicholson Sunnybar (UPL)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146 North Fork Sprague (PPL)	0	0	0.1	0	0	0	0.1	0.3	0.2	0.3	0.3	0.9	0.4	0.1
147 O.J. Power (UPL)	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Opal Springs (PPL)	2.6	2.6	3.0	3.6	3.2	2.9	2.9	3.5	2.6	2.7	2.7	4.5	1.6	2.2
150 Owyhee Dam (IPC)	2.8	2.8	2.0	0.6	0	0	0.2	0.6	1.8	3.3	3.3	3.9	3.3	3.2
151 Pancheri (UPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 Pelton Rereg. Dam (PPL)	7	7	6.3	8.3	8.7	8.0	7.9	10	7.7	6.8	6.8	9	7.2	6.8
153 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Phillipsburg (NWE)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
155 Pigeon Cove (IPC)	2.0	2.0	2.1	1.3	0.8	0.4	0.3	0.4	0.6	0.8	0.8	1.7	1.9	1.7
156 Pine Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
157 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2
159 Preston City (UPL)	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4
160 Pristine Springs (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161 Pristine Springs #3 (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162 Reynolds Irrigation (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
163 Rim View (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164 Rock Creek #1 (IPC)	1.1	1.1	1.6	1.7	1.2	1.3	1.1	1.0	1.1	1.4	1.4	1.5	1.3	1.1
165 Rock Creek #2 (IPC)	1.8	1.8	1.8	1.9	1.9	1.9	0.6	0.4	1.6	1.9	1.9	1.9	1.9	1.6
166 Sagebrush (IPC)	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.4	0.4
167 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Schaffner (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4
169 Sheep Creek (AVWP)	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.9	1.6	1.6	0.8	1.5	1.1
170 Shingle Creek (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
171 Shoshone (IPC)	0.4	0.4	0.5	0.4	0.4	0.1	0.1	0	0.1	0.3	0.3	0.5	0.3	0.4
172 Shoshone II (IPC)	0.6	0.6	0.6	0	0	0	0	0	0	0.3	0.3	0.5	0.6	0.6
173 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
174 Sneedgar Ranch (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
175 Solar Research (PPL)	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
176 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.5	0.5	0.5	0.6	0.7	0.5
177 Spokane Upriver (AVWP)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
178 Stauffer Dry Creek (UPL)	0.9	0.9	1	0.8	0.4	0	0.3	0.3	0.4	0.4	0.4	0.9	2.7	2.1
179 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
180 Sunshine Power #2 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
181 Tiber Dam Liberty Montana (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
182 Trout Co. (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
183 Tunnel #1 (IPC)	4.3	4.3	2.6	0.5	0	0	0	2.4	5.1	5.1	5.8	5.8	5.9	5.9
184 Twin Falls (PSE)	20	20	20	20	20	20	20	20	20	20	20	20	20	20
185 Walla Walla (PPL)	1.5	1.5	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.8	1.8	1.5	1.5	1.8
186 Water Street / Santiam (PPL)	0	0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
187 Weeks Falls (PSE)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
188 White James (PPL)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2
189 White Water Ranch (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190 Wilson Lake Hydro (IPC)	7.1	7.1	5.3	2.0	0.2	0	0	0	2.3	2.3	6.1	6.8	7.6	7.6
191 Wisconsin Creek (NWE)	0	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
192 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7
193 IOU - Total NUG: Hydro	203	203	184	156	150	136	129	141	156	192	192	235	232	216
<b>-NUG: Small Thermal &amp; Misc.-</b>														
194 Marion Solid Waste (PGE)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
195 Montana One (NWE)	11	11	11	11	12	13	13	13	11	11	11	13	15	11
196 Pocatello Waste (IPC)	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1
197 Spokane MSW (PSE)	23	23	23	23	23	23	23	23	23	23	23	23	23	23
198 West Boise Waste (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
199 IOU - Total NUG: Small Thermal & Misc.	47	47	47	47	49	49	50	49	48	47	47	50	51	48
<b>-NUG: Combustion Turbines -</b>														
200 Rathdrum-Boekel Rd. #1 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
201 Rathdrum-Boekel Rd. #2 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
202 Tenaska Gas Cogen (PSE)	245	245	245	245	245	245	245	245	245	245	245	245	245	245
203 IOU - Total NUG: Combustion Turbines	421	421	421	421	421	421	421	421	421	421	421	245	421	421
<b>-NUG: Co-Generation-</b>														
204 Billings Generation (NWE)	17	17	17	18	20	21	22	21	18	17	17	22	24	18
205 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22
206 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207 Champion (PPL)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
208 DR Johnson - Co-Gen II (PPL)	7.5	7.5	7.7	5.8	7.3	6.0	6.7	9.1	7.3	7.4	7.4	11	4.2	7.1
209 Magic Valley (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
210 Magic West (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
211 March Point #1 (PSE)	80	80	80	80	80	80	80	80	80	80	80	0	80	80
212 March Point #2 (PSE)	60	60	60	60	60	60	60	60	60	60	60	60	60	60
213 PERC Pierce, Wa (PSE)	3	3	3	3	3	3	3	3	3	3	3	0	3	3
214 Simplot Pocatello (IPC)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
215 Sumas Energy (PSE)	135	135	135	135	135	135	135	135	135	135	135	135	135	135
216 Tamarack (IPC)	3.8	3.8	4.6	4.7	4.2	3.2	3.6	3.8	4.2	4.4	4.4	3.4	4.6	4.8
217 TESCO Nampa ID (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
218 TESCO Twin Falls ID (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219 Vaagen Bros. (IPC)	3	3	3.7	3.8	3.3	2.6	2.9	3.1	3.4	3.6	3.6	2.7	3.7	3.8

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 PNW Loads and Resource Study  
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 [27] 2004 White Book

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
220 Warm Springs (PPL)	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
<b>221 IOU - Total NUG: Co-Generation</b>	<b>363</b>	<b>363</b>	<b>366</b>	<b>364</b>	<b>368</b>	<b>365</b>	<b>350</b>	<b>364</b>	<b>361</b>	<b>364</b>	<b>364</b>	<b>284</b>	<b>370</b>	<b>366</b>
<b>-NUG: Renewables-</b>														
222 Emmett Biomass Project (IPC)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
223 Foote Creek 1 (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
224 HeaLOW #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225 Josef Staufier (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226 Lewandowski Farms (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
227 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
229 Stalene Wind Project (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>231 IOU - Total NUG: Renewables</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Other Entities</b>														
<b>-NUG: Co-Generation-</b>														
232 SP Newsprint cogen (SPN)	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>233 Other - Total NUG: Co-Generation</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-NUG: Renewables-</b>														
234 Stalene Wind Project (PPME)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
235 Vansycle Wind (FPLEV)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>236 Other - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Non-Utility Generating Resources-</b>														
237 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
238 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
239 Non Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
240 Investor-Owned Entities	1046	1046	1030	1000	1000	983	961	987	997	1036	1036	826	1087	1062
241 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>242 Total Non-Utility Generation</b>	<b>1386</b>	<b>1386</b>	<b>1302</b>	<b>1198</b>	<b>1150</b>	<b>1133</b>	<b>1112</b>	<b>1141</b>	<b>1180</b>	<b>1333</b>	<b>1333</b>	<b>1214</b>	<b>1488</b>	<b>1438</b>

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Federal Entities</b>														
<b>-NUG: Hydro-</b>														
1 Dworshak/Clearwater Small Hydropower (BPA)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>2 Federal -Total NUG: Hydro</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>-NUG: Renewables-</b>														
3 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Condon Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Foote Creek 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Foote Creek 2 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Foote Creek 4 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Fourmile Hill Geothermal (BPA)	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Klondike Phase 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Stataline Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>11 Federal -Total NUG: Renewables</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
12 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Eltopia Br Canal 4.6 (SCL)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
14 Eltopia Br Canal 4.6 (TPU)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
15 John Llewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77
18 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
19 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
20 PEC Headworks (GCPD)	4.5	4.5	3.1	3	0	0	0	0	2.8	5.1	5.1	6.9	6.2	5.8
21 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Potholes E Canal 66.0 (SCL)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
23 Potholes E Canal 66.0 (TPU)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
24 Quincy Chute (GCPD)	9	9	8	5	0	0	0	0	5	8	8	9	9	9
25 Russel D. Smith (SCL)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
26 Russel D. Smith (TPU)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
27 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11
28 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
29 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
30 Woods Creek (SHPD)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<b>31 GPU - Total NUG: Hydro</b>	<b>187</b>	<b>187</b>	<b>119</b>	<b>55</b>	<b>8.3</b>	<b>7.6</b>	<b>8.6</b>	<b>11</b>	<b>40</b>	<b>144</b>	<b>144</b>	<b>235</b>	<b>248</b>	<b>222</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
32 Grays Harbor Paper (GHPD)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33 Weyerhaeuser Pulp Mill (GHPD)	14	14	14	14	14	14	14	14	14	14	14	14	14	14
<b>34 GPU - Total NUG: Small Thermal &amp; Misc.</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>
<b>-NUG: Co-Generation-</b>														
35 Metro Westpoint (SCL)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
36 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38
<b>37 GPU - Total NUG: Co-Generation</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>
<b>-NUG: Renewables-</b>														
38 Foote Creek 1 (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Nine Canyon Wind Project (CHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Nine Canyon Wind Project (COPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Nine Canyon Wind Project (DOPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 Nine Canyon Wind Project (GCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 Nine Canyon Wind Project (GHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 Nine Canyon Wind Project (OKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 Stataline Wind Project (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Stataline Wind Project (SCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>47 GPU - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Non-Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
48 Buffalo Hydro (FREC)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
49 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Lillwaup Falls Generating Co. (MCPD1)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
52 Mill Creek (OR) (OTEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>54 NGP - Total NUG: Hydro</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
55 Methane Energy Agricultural D. (TKPD)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>56 NGP - Total NUG: Small Thermal &amp; Misc.</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>
<b>-NUG: Renewables-</b>														
57 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Nine Canyon Wind Project (BCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Nine Canyon Wind Project (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Nine Canyon Wind Project (LCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Nine Canyon Wind Project (MCPD3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 NGP - Total NUG: Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Investor-Owned Entities</b>														
<b>-NUG: Hydro-</b>														
64 Barber Dam (IPC)	2.4	2.4	1.9	0.8	0.3	1.0	2.2	2.6	3.3	3.2	3.2	3.1	3.2	3.3
65 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Beaverton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Bell Mountain (UPL)	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
68 Bingham Engineering (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69 Birch Creek (IPC)	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0
70 Birch Creek (UPL)	1.3	1.3	1.1	1.0	1.1	1.1	0.3	1.2	1.7	1.6	1.6	1.6	1.3	1.2
71 Black Canyon #3 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
72 Black Creek (AVWP)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
73 Blind Canyon Hydro (IPC)	0.7	0.7	1.1	0.9	0.2	0	0	0	0	0.6	0.6	1.6	1.0	0.7
74 Box Canyon (IPC)	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
75 Briggs Creek (IPC)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6
76 Broadwater Dam (NWE)	1.7	1.7	2.2	2.9	3.3	3.2	3.1	2.9	3.0	3.1	3.1	3.9	3.5	2.6
77 Bypass (IPC)	8.3	8.3	6.5	2.8	1.0	0	0	0	0.1	2.9	2.9	7	8.2	8.7
78 Canyon Springs (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
79 Carlton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Cascade Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 CDM Hydro - Bonneville Pacific (PPL)	2.9	2.9	3.1	2.8	2.9	2.4	1.8	2	2.7	2.7	2.7	4.4	5.8	4.1
82 Cedar Draw (IPC)	0.3	0.3	0.9	0.9	0.9	1.2	1.2	1.3	0.4	0.4	0.4	0.4	0.3	0.3
83 Central OR Irrigation District (PPL)	3.1	3.1	3.7	3.5	0	0.7	0	0.4	0.9	0.8	0.8	4.5	3.8	4.1
84 Clear Springs Trout (IPC)	0.4	0.4	0.4	0.5	0.6	0.6	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4
85 Commercial Energy Management (PPL)	0.2	0.2	0.1	0	0.1	0.1	0	0	0	0	0	0.2	0.6	0.4
86 Corbett (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 Cornelius (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Crystal Springs (IPC)	1.3	1.3	1.6	1.5	1.6	0.5	0.5	0.6	0.8	0.9	0.9	0.8	1.4	1.3
89 Curry Cattle Co. (IPC)	0.2	0.2	0.2	0.1	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2
90 Curtiss Livestock (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Derr Creek (AVWP)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2
94 Dietrich Drop (IPC)	4.7	4.7	3.6	3.1	1.4	0	0	0	0	3.1	3.1	4.7	4.7	4.5
95 Donald Jenni (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Eagle Point Irrigation Dist. (PPL)	0	0	0	0	0.4	0.7	0.7	0.9	0.6	0.7	0.7	0.5	0	0
98 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2
99 Estacada (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Falls Creek (PPL)	0	0	0	0	1.9	3.1	0.9	2.7	2.7	4.4	4.4	4.1	3.8	0
101 Falls River (IPC)	6.5	6.5	6.3	5.7	5.6	5.0	4.2	3.8	3.8	6.2	6.2	7.9	8.5	7.1
102 Farmers Irrig. (PPL)	0.6	0.6	0.7	1.2	3.2	3.2	2.1	4.6	3.3	3.5	3.5	4.7	0.8	0.7
103 Faulkner Ranch (IPC)	0.8	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.5	0.6	0.6	0.5	0.8	0.8
104 Fisheries Development Co (IPC)	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
105 Galesville Dam (PPL)	0.6	0.6	0.4	0.2	0.2	0.3	0	0.2	0.3	0.4	0.4	0.3	0.4	0.5
106 Geobon 2 (IPC)	1.0	1.0	0.3	0.3	0.3	0.2	0.2	0.3	0.6	0.6	0.6	0.6	1.0	1.0
107 Georgetown Power (UPL)	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0
108 Hailey Csp (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
109 Hazelton A (IPC)	7	7	5.4	2.5	0.9	0	0	0.1	2.6	2.6	6	6.7	7.4	7.4
110 Hazelton B (IPC)	6.6	6.6	5.2	2.4	0.7	0	0	0	0.1	2.2	2.2	5.6	6.4	7.0
111 Horseshoe Bend (IPC)	8.8	8.8	7.5	3.9	2.8	3.5	3.9	4.6	5.9	8.8	8.8	9.9	9.8	9.2
112 Hutchinson Creek (PSE)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
113 Ingram Warm Springs (UPL)	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
114 Jim Ford Creek (AVWP)	0	0	0	0	0.3	0.5	0.9	0.9	1.1	1.1	1.1	0.7	0.3	0.1
115 Jim Knight (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.4
116 John Day Creek (AVWP)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
117 Kassel & Witherspoon (IPC)	1.2	1.2	1.2	0.8	0.5	0.3	0.2	0.2	0.4	0.5	0.5	1	1.1	1
118 Koma Kulshan (PSE)	12	12	12	12	12	12	12	12	12	12	12	12	12	12
119 Koyle (IPC)	1.1	1.1	1.1	1.0	1	0.2	0.1	0.1	0.3	0.8	0.8	1.2	0.8	0.9
120 L. Fery (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Lacombe Irrig. (PPL)	0	0	0	0	0.2	1.0	0.2	0.9	0.9	1	1	0.9	0.9	0.4
122 Lake Oswego (PGE)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
123 Lateral #10 (IPC)	1.5	1.5	1.6	2	2.1	1.5	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.5
124 Lee Tavenner (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Little Wood River Res. (IPC)	1.9	1.9	0.2	0.2	0.2	0	0	0	1.6	1.7	1.7	1.6	2	1.9
127 Littlewood/Arkoosh (IPC)	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.5	0.5	0.4	0.8	0.7
128 Lowline #2 (IPC)	2.7	2.7	2.5	1.8	1.4	0	0	0.7	1.9	2.5	2.5	2.7	2.7	2.7
129 Lowline Canal (IPC)	7.8	7.8	7.5	7.3	7.5	0.6	0.6	0.7	5.3	5.5	5.5	5.3	8.1	7.8
130 Magic Reservoir (IPC)	6.8	6.8	4.4	0.5	0.2	0.1	0.3	0.1	0.9	3.0	3.0	8.3	9.1	9.0
131 Malad River (IPC)	0.5	0.5	0.6	0.5	0.5	0.1	0.1	0	0.2	0.4	0.4	0.6	0.4	0.5
132 Marcos Ranches (IPC)	1.1	1.1	1.2	1.1	1.2	0	0	1.1	1.2	1.2	1.2	1.1	1.2	1.1
133 Marsh Valley (UPL)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
134 Meyers Falls (AVWP)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
135 Middlefork Irrig. (PPL)	1.8	1.8	0.8	1.2	1.3	1.7	2.7	3.1	3.1	2.9	2.9	2.8	2.4	2.0
136 Mile 28 (IPC)	1.3	1.3	1.2	0.7	0.2	0	0	0	0	0.6	0.6	1.2	1.3	1.4
137 Minikahda (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Mink Creek (UPL)	1.2	1.2	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	1.6	2.7	1.6
139 Mitchell Butte (IPC)	1	1	1.1	0.4	0	0	0	0	0.3	0.8	0.8	1.2	1.3	1.1
140 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 Mt. Tabor (PGE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142 Mud Creek/S&S (IPC)	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4



Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
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 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
143 Mud Creek/White (IPC)	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
144 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0
145 Nicholson Sunnybar (UPL)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146 North Fork Sprague (PPL)	0	0	0.1	0	0	0	0.1	0.3	0.2	0.3	0.3	0.9	0.4	0.1
147 O.J. Power (UPL)	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Opal Springs (PPL)	2.6	2.6	3.0	3.6	3.2	2.9	2.9	3.5	2.6	2.7	2.7	4.5	1.6	2.2
150 Owyhee Dam (IPC)	2.8	2.8	2.0	0.6	0	0	0.2	0.6	1.8	3.3	3.3	3.9	3.3	3.2
151 Pancheri (UPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 Pelton Rereg. Dam (PPL)	7	7	6.3	8.3	8.7	8.0	7.9	10	7.7	6.8	6.8	9	7.2	6.8
153 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Phillipsburg (NWE)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
155 Pigeon Cove (IPC)	2.0	2.0	2.1	1.3	0.8	0.4	0.3	0.4	0.6	0.8	0.8	1.7	1.9	1.7
156 Pine Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
157 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2
159 Preston City (UPL)	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4
160 Pristine Springs (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161 Pristine Springs #3 (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162 Reynolds Irrigation (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
163 Rim View (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164 Rock Creek #1 (IPC)	1.1	1.1	1.6	1.7	1.2	1.3	1.1	1.0	1.1	1.4	1.4	1.5	1.3	1.1
165 Rock Creek #2 (IPC)	1.8	1.8	1.8	1.9	1.9	1.9	0.6	0.4	1.6	1.9	1.9	1.9	1.9	1.6
166 Sagebrush (IPC)	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.4	0.4
167 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Schaffner (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4
169 Sheep Creek (AVWP)	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.9	1.6	1.6	0.8	1.5	1.1
170 Shingle Creek (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
171 Shoshone (IPC)	0.4	0.4	0.5	0.4	0.4	0.1	0.1	0	0.1	0.3	0.3	0.5	0.3	0.4
172 Shoshone II (IPC)	0.6	0.6	0.6	0	0	0	0	0	0	0.3	0.3	0.5	0.6	0.6
173 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
174 Sneedgar Ranch (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
175 Solar Research (PPL)	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
176 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.5	0.5	0.5	0.6	0.6	0.5
177 Spokane Upriver (AVWP)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
178 Stauffer Dry Creek (UPL)	0.9	0.9	1	0.8	0.4	0	0.3	0.3	0.4	0.4	0.4	0.9	2.7	2.1
179 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
180 Sunshine Power #2 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
181 Tiber Dam Liberty Montana (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
182 Trout Co. (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
183 Tunnel #1 (IPC)	4.3	4.3	2.6	0.5	0	0	0	2.4	5.1	5.1	5.8	5.8	5.9	5.9
184 Twin Falls (PSE)	20	20	20	20	20	20	20	20	20	20	20	20	20	20
185 Walla Walla (PPL)	1.5	1.5	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.8	1.8	1.5	1.5	1.8
186 Water Street / Santiam (PPL)	0	0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
187 Weeks Falls (PSE)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
188 White James (PPL)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2
189 White Water Ranch (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190 Wilson Lake Hydro (IPC)	7.1	7.1	5.3	2.0	0.2	0	0	0	2.3	2.3	2.3	6.1	6.8	7.6
191 Wisconsin Creek (NWE)	0	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0
192 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7
<b>193 IOU - Total NUG: Hydro</b>	<b>203</b>	<b>203</b>	<b>184</b>	<b>156</b>	<b>150</b>	<b>136</b>	<b>129</b>	<b>141</b>	<b>156</b>	<b>192</b>	<b>192</b>	<b>236</b>	<b>231</b>	<b>216</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
194 Marion Solid Waste (PGE)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
195 Montana One (NWE)	11	11	11	11	12	13	13	13	12	11	11	14	12	11
196 Pocatello Waste (IPC)	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1
197 Spokane MSW (PSE)	23	23	23	23	23	23	23	23	23	23	23	23	23	23
198 West Boise Waste (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>199 IOU - Total NUG: Small Thermal &amp; Misc.</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>48</b>	<b>49</b>	<b>49</b>	<b>50</b>	<b>49</b>	<b>48</b>	<b>47</b>	<b>47</b>	<b>50</b>	<b>49</b>	<b>48</b>
<b>-NUG: Combustion Turbines -</b>														
200 Rathdrum-Boekel Rd. #1 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
201 Rathdrum-Boekel Rd. #2 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
202 Tenaska Gas Cogen (PSE)	245	245	245	245	245	245	245	245	245	245	245	245	245	245
<b>203 IOU - Total NUG: Combustion Turbines</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>245</b>	<b>421</b>	<b>421</b>
<b>-NUG: Co-Generation-</b>														
204 Billings Generation (NWE)	18	18	18	18	20	21	22	21	19	18	18	22	20	18
205 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22
206 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207 Champion (PPL)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
208 DR Johnson - Co-Gen II (PPL)	7.5	7.5	7.7	5.8	7.3	6.0	6.7	9.1	7.3	7.4	7.4	11	4.2	7.1
209 Magic Valley (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
210 Magic West (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
211 March Point #1 (PSE)	80	80	80	80	80	80	80	80	80	80	80	0	80	80
212 March Point #2 (PSE)	60	60	60	60	60	60	60	60	60	60	60	60	60	60
213 PERC Pierce, Wa (PSE)	3	3	3	3	3	3	3	3	3	3	3	0	3	3
214 Simplot Pocatello (IPC)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
215 Sumas Energy (PSE)	135	135	135	135	135	135	135	135	135	135	135	135	135	135
216 Tamarack (IPC)	3.8	3.8	4.6	4.7	4.2	3.2	3.6	3.8	4.2	4.4	4.4	3.4	4.6	4.8
217 TASC0 Nampa ID (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
218 TASC0 Twin Falls ID (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219 Vaagen Bros. (IPC)	3	3	3.7	3.8	3.3	2.6	2.9	3.1	3.4	3.6	3.6	2.7	3.7	3.8

Table A-24: Regional Non Utility Generating Resources By Project  
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 [27] 2004 White Book

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
220 Warm Springs (PPL)	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
<b>221 IOU - Total NUG: Co-Generation</b>	<b>364</b>	<b>364</b>	<b>366</b>	<b>365</b>	<b>368</b>	<b>365</b>	<b>351</b>	<b>365</b>	<b>361</b>	<b>365</b>	<b>365</b>	<b>284</b>	<b>366</b>	<b>366</b>
<b>-NUG: Renewables-</b>														
222 Emmett Biomass Project (IPC)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
223 Foote Creek 1 (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
224 HeaLOW #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225 Josef Staufier (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226 Lewandowski Farms (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
227 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
229 Staleline Wind Project (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>231 IOU - Total NUG: Renewables</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Other Entities</b>														
<b>-NUG: Co-Generation-</b>														
232 SP Newsprint cogen (SPN)	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>233 Other - Total NUG: Co-Generation</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-NUG: Renewables-</b>														
234 Staleline Wind Project (PPME)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
235 Vansycle Wind (FPLEV)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>236 Other - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Non-Utility Generating Resources-</b>														
237 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
238 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
239 Non Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
240 Investor-Owned Entities	1047	1047	1030	1001	1000	984	962	988	998	1036	1036	827	1079	1062
241 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>242 Total Non-Utility Generation</b>	<b>1387</b>	<b>1387</b>	<b>1303</b>	<b>1198</b>	<b>1151</b>	<b>1134</b>	<b>1113</b>	<b>1142</b>	<b>1180</b>	<b>1334</b>	<b>1334</b>	<b>1215</b>	<b>1481</b>	<b>1438</b>

Table A-24: Regional Non Utility Generating Resources By Project  
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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<b>Federal Entities</b>														
<b>-NUG: Hydro-</b>														
1 Dworshak/Clearwater Small Hydropower (BPA)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>2 Federal -Total NUG: Hydro</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>-NUG: Renewables-</b>														
3 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Condon Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Foote Creek 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Foote Creek 2 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Foote Creek 4 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Fourmile Hill Geothermal (BPA)	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9 Klondike Phase 1 (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Stateline Wind Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>11 Federal -Total NUG: Renewables</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
12 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Elliptia Br Canal 4.6 (SCL)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
14 Elliptia Br Canal 4.6 (TPU)	0.9	0.9	0.6	0.3	0	0	0	0	0	0.7	0.7	1	1	1.1
15 John Llewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77
18 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
19 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12
20 PEC Headworks (GCPD)	4.5	4.5	3.1	3	0	0	0	0	2.8	5.1	5.1	6.9	6.2	5.8
21 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Potholes E Canal 66.0 (SCL)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
23 Potholes E Canal 66.0 (TPU)	0.9	0.9	0.9	0.8	0	0	0	0	0.3	0.9	0.9	0.9	0.9	0.9
24 Quincy Chute (GCPD)	9	9	8	5	0	0	0	0	5	8	8	9	9	9
25 Russel D. Smith (SCL)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
26 Russel D. Smith (TPU)	2	2	1.3	0.7	0	0	0	0	0.1	1.2	1.2	1.9	2.1	1.7
27 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11
28 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
29 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44
30 Woods Creek (SHPD)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<b>31 GPU - Total NUG: Hydro</b>	<b>187</b>	<b>187</b>	<b>119</b>	<b>55</b>	<b>8.3</b>	<b>7.6</b>	<b>8.6</b>	<b>11</b>	<b>40</b>	<b>144</b>	<b>144</b>	<b>235</b>	<b>248</b>	<b>222</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
32 Grays Harbor Paper (GHPD)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33 Weyerhaeuser Pulp Mill (GHPD)	14	14	14	14	14	14	14	14	14	14	14	14	14	14
<b>34 GPU - Total NUG: Small Thermal &amp; Misc.</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>
<b>-NUG: Co-Generation-</b>														
35 Metro Westpoint (SCL)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
36 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38
<b>37 GPU - Total NUG: Co-Generation</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>
<b>-NUG: Renewables-</b>														
38 Foote Creek 1 (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Nine Canyon Wind Project (CHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Nine Canyon Wind Project (COPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Nine Canyon Wind Project (DOPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 Nine Canyon Wind Project (GCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 Nine Canyon Wind Project (GHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 Nine Canyon Wind Project (OKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 Stateline Wind Project (EWEB)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Stateline Wind Project (SCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>47 GPU - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Non-Generating Public Entities</b>														
<b>-NUG: Hydro-</b>														
48 Buffalo Hydro (FRECC)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
49 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 Lillwaup Falls Generating Co. (MCPD1)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
52 Mill Creek (OR) (OTEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>54 NGP - Total NUG: Hydro</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>														
55 Methane Energy Agricultural D. (TKPD)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>56 NGP - Total NUG: Small Thermal &amp; Misc.</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>
<b>-NUG: Renewables-</b>														
57 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Nine Canyon Wind Project (BCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Nine Canyon Wind Project (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Nine Canyon Wind Project (LCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Nine Canyon Wind Project (MCPD3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
62 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>63 NGP - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Investor-Owned Entities</b>														
<b>-NUG: Hydro-</b>														
64 Barber Dam (IPC)	2.4	2.4	1.9	0.8	0.3	1.0	2.2	2.6	3.3	3.2	3.2	3.1	3.2	3.3
65 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Beaverton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Bell Mountain (UPL)	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
68 Bingham Engineering (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69 Birch Creek (IPC)	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0
70 Birch Creek (UPL)	1.3	1.3	1.1	1.0	1.1	1.1	0.3	1.2	1.7	1.6	1.6	1.6	1.3	1.2
71 Black Canyon #3 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
72 Black Creek (AVWP)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
73 Blind Canyon Hydro (IPC)	0.7	0.7	1.1	0.9	0.2	0	0	0	0	0.6	0.6	1.6	1.0	0.7
74 Box Canyon (IPC)	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
75 Briggs Creek (IPC)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6
76 Broadwater Dam (NWE)	1.7	1.7	2.2	2.9	3.3	3.2	3.1	2.9	3.0	3.1	3.1	3.9	3.5	2.6
77 Bypass (IPC)	8.3	8.3	6.5	2.8	1.0	0	0	0	0.1	2.9	2.9	7	8.2	8.7
78 Canyon Springs (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
79 Carlton (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Cascade Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 CDM Hydro - Bonneville Pacific (PPL)	2.9	2.9	3.1	2.8	2.9	2.4	1.8	2	2.7	2.7	2.7	4.4	5.8	4.1
82 Cedar Draw (IPC)	0.3	0.3	0.9	0.9	0.9	1.2	1.2	1.3	0.4	0.4	0.4	0.4	0.3	0.3
83 Central OR Irrigation District (PPL)	3.1	3.1	3.7	3.5	0	0.7	0	0.4	0.9	0.8	0.8	4.5	3.8	4.1
84 Clear Springs Trout (IPC)	0.4	0.4	0.4	0.5	0.6	0.6	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4
85 Commercial Energy Management (PPL)	0.2	0.2	0.1	0	0.1	0.1	0	0	0	0	0	0.2	0.6	0.4
86 Corbett (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 Cornelius (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Crystal Springs (IPC)	1.3	1.3	1.6	1.5	1.6	0.5	0.5	0.6	0.8	0.9	0.9	0.8	1.4	1.3
89 Curry Cattle Co. (IPC)	0.2	0.2	0.2	0.1	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2
90 Curtiss Livestock (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Derr Creek (AVWP)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2
94 Dietrich Drop (IPC)	4.7	4.7	3.6	3.1	1.4	0	0	0	0	3.1	3.1	4.7	4.7	4.5
95 Donald Jenni (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Eagle Point Irrigation Dist. (PPL)	0	0	0	0	0.4	0.7	0.7	0.9	0.6	0.7	0.7	0.5	0	0
98 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2
99 Estacada (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Falls Creek (PPL)	0	0	0	0	1.9	3.1	0.9	2.7	2.7	4.4	4.4	4.1	3.8	0
101 Falls River (IPC)	6.5	6.5	6.3	5.7	5.6	5.0	4.2	3.8	3.8	6.2	6.2	7.9	8.5	7.1
102 Farmers Irrig. (PPL)	0.6	0.6	0.7	1.2	3.2	3.2	2.1	4.6	3.3	3.5	3.5	4.7	0.8	0.7
103 Faulkner Ranch (IPC)	0.8	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.5	0.6	0.6	0.5	0.8	0.8
104 Fisheries Development Co (IPC)	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
105 Galesville Dam (PPL)	0.6	0.6	0.4	0.2	0.2	0.3	0	0.2	0.3	0.4	0.4	0.3	0.4	0.5
106 Geobon 2 (IPC)	1.0	1.0	0.3	0.3	0.3	0.2	0.2	0.3	0.6	0.6	0.6	0.6	1.0	1.0
107 Georgetown Power (UPL)	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0
108 Hailey Csp (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
109 Hazelton A (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
110 Hazelton B (IPC)	6.6	6.6	5.2	2.4	0.7	0	0	0	0.1	2.2	2.2	5.6	6.4	7.0
111 Horseshoe Bend (IPC)	8.8	8.8	7.5	3.9	2.8	3.5	3.9	4.6	5.9	8.8	8.8	9.9	9.8	9.2
112 Hutchinson Creek (PSE)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
113 Ingram Warm Springs (UPL)	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
114 Jim Ford Creek (AVWP)	0	0	0	0	0.3	0.5	0.9	0.9	1.1	1.1	1.1	0.7	0.3	0.1
115 Jim Knight (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.4
116 John Day Creek (AVWP)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
117 Kassel & Witherspoon (IPC)	1.2	1.2	1.2	0.8	0.5	0.3	0.2	0.2	0.4	0.5	0.5	1	1.1	1
118 Koma Kulshan (PSE)	12	12	12	12	12	12	12	12	12	12	12	12	12	12
119 Koyle (IPC)	1.1	1.1	1.1	1.0	1	0.2	0.1	0.1	0.3	0.8	0.8	1.2	0.8	0.9
120 L. Fery (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 Lacombe Irrig. (PPL)	0	0	0	0	0.2	1.0	0.2	0.9	0.9	1	1	0.9	0.9	0.4
122 Lake Oswego (PGE)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
123 Lateral #10 (IPC)	1.5	1.5	1.6	2	2.1	1.5	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.5
124 Lee Tavenner (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126 Little Wood River Res. (IPC)	1.9	1.9	0.2	0.2	0.2	0	0	0	1.6	1.7	1.7	1.6	2	1.9
127 Littlewood/Arkoosh (IPC)	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.5	0.5	0.4	0.8	0.7
128 Lowline #2 (IPC)	2.7	2.7	2.5	1.8	1.4	0	0	0.7	1.9	2.5	2.5	2.7	2.7	2.7
129 Lowline Canal (IPC)	7.8	7.8	7.5	7.3	7.5	0.6	0.6	0.7	5.3	5.5	5.5	5.3	8.1	7.8
130 Magic Reservoir (IPC)	6.8	6.8	4.4	0.5	0.2	0.1	0.3	0.1	0.9	3.0	3.0	8.3	9.1	9.0
131 Malad River (IPC)	0.5	0.5	0.6	0.5	0.5	0.1	0.1	0	0.2	0.4	0.4	0.6	0.4	0.5
132 Marcos Ranches (IPC)	1.1	1.1	1.2	1.1	1.2	0	0	0	1.1	1.2	1.2	1.1	1.2	1.1
133 Marsh Valley (UPL)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
134 Meyers Falls (AVWP)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
135 Middlefork Irrig. (PPL)	1.8	1.8	0.8	1.2	1.3	1.7	2.7	3.1	3.1	2.9	2.9	2.8	2.4	2.0
136 Mile 28 (IPC)	1.3	1.3	1.2	0.7	0.2	0	0	0	0	0.6	0.6	1.2	1.3	1.4
137 Minikahda (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138 Mink Creek (UPL)	1.2	1.2	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	1.6	2.7	1.6
139 Mitchell Butte (IPC)	1	1	1.1	0.4	0	0	0	0	0.3	0.8	0.8	1.2	1.3	1.1
140 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 Mt. Tabor (PGE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142 Mud Creek/S&S (IPC)	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4

Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resource Study  
2014 - 2015 Operating Year  
[27] 2004 White Book

Continued

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Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
143 Mud Creek/White (IPC)	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
144 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0
145 Nicholson Sunnybar (UPL)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146 North Fork Sprague (PPL)	0	0	0.1	0	0	0	0.1	0.3	0.2	0.3	0.3	0.9	0.4	0.1
147 O.J. Power (UPL)	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Opal Springs (PPL)	2.6	2.6	3.0	3.6	3.2	2.9	2.9	3.5	2.6	2.7	2.7	4.5	1.6	2.2
150 Owyhee Dam (IPC)	2.8	2.8	2.0	0.6	0	0	0.2	0.6	1.8	3.3	3.3	3.9	3.3	3.2
151 Pancheri (UPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 Pelton Rereg. Dam (PPL)	7	7	6.3	8.3	8.7	8.0	7.9	10	7.7	6.8	6.8	9	7.2	6.8
153 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154 Phillipsburg (NWE)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
155 Pigeon Cove (IPC)	2.0	2.0	2.1	1.3	0.8	0.4	0.3	0.4	0.6	0.8	0.8	1.7	1.9	1.7
156 Pine Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
157 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2
159 Preston City (UPL)	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4
160 Pristine Springs (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161 Pristine Springs #3 (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162 Reynolds Irrigation (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
163 Rim View (IPC)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164 Rock Creek #1 (IPC)	1.1	1.1	1.6	1.7	1.2	1.3	1.1	1.0	1.1	1.4	1.4	1.5	1.3	1.1
165 Rock Creek #2 (IPC)	1.8	1.8	1.8	1.9	1.9	1.9	0.6	0.4	1.6	1.9	1.9	1.9	1.9	1.6
166 Sagebrush (IPC)	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.4	0.4
167 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168 Schaffner (IPC)	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4
169 Sheep Creek (AVWP)	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.9	1.6	1.6	0.8	1.5	1.1
170 Shingle Creek (IPC)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
171 Shoshone (IPC)	0.4	0.4	0.5	0.4	0.4	0.1	0.1	0	0.1	0.3	0.3	0.5	0.3	0.4
172 Shoshone II (IPC)	0.6	0.6	0.6	0	0	0	0	0	0	0.3	0.3	0.5	0.6	0.6
173 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0
174 Snedigar Ranch (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
175 Solar Research (PPL)	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
176 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.5	0.5	0.5	0.6	0.6	0.5
177 Spokane Upriver (AVWP)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
178 Stauffer Dry Creek (UPL)	0.9	0.9	1	0.8	0.4	0	0.3	0.3	0.4	0.4	0.4	0.9	2.7	2.1
179 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
180 Sunshine Power #2 (IPC)	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
181 Tiber Dam Liberty Montana (IPC)	7	7	5.4	2.5	0.9	0	0	0	0.1	2.6	2.6	6	6.7	7.4
182 Trout Co. (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
183 Tunnel #1 (IPC)	4.3	4.3	2.6	0.5	0	0	0	2.4	5.1	5.1	5.8	5.8	5.9	5.9
184 Twin Falls (PSE)	20	20	20	20	20	20	20	20	20	20	20	20	20	20
185 Walla Walla (PPL)	1.5	1.5	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.8	1.8	1.5	1.5	1.8
186 Water Street / Santiam (PPL)	0	0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
187 Weeks Falls (PSE)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
188 White James (PPL)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2
189 White Water Ranch (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190 Wilson Lake Hydro (IPC)	7.1	7.1	5.3	2.0	0.2	0	0	0	2.3	2.3	6.1	6.8	7.6	7.6
191 Wisconsin Creek (NWE)	0	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0
192 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7
193 IOU - Total NUG: Hydro	203	203	184	156	150	136	129	141	156	192	192	236	231	216
-NUG: Small Thermal & Misc.-														
194 Marion Solid Waste (PGE)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
195 Montana One (NWE)	11	11	11	11	12	13	13	13	12	11	11	14	12	11
196 Pocatello Waste (IPC)	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1
197 Spokane MSW (PSE)	23	23	23	23	23	23	23	23	23	23	23	23	23	23
198 West Boise Waste (IPC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
199 IOU - Total NUG: Small Thermal & Misc.	47	47	47	48	49	49	50	49	48	47	47	50	49	48
-NUG: Combustion Turbines -														
200 Rathdrum -Boekel Rd. #1 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
201 Rathdrum -Boekel Rd. #2 (AVWP)	88	88	88	88	88	88	88	88	88	88	88	0	88	88
202 Tenaska Gas Cogen (PSE)	245	245	245	245	245	245	245	245	245	245	245	245	245	245
203 IOU - Total NUG: Combustion Turbines	421	421	421	421	421	421	421	421	421	421	421	245	421	421
-NUG: Co-Generation-														
204 Billings Generation (NWE)	18	18	18	18	20	21	22	21	19	18	18	22	20	18
205 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22
206 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207 Champion (PPL)	3.3	3.3	3.3	3.3	3.3	3.3	1	3.3	3.3	3.3	3.3	3.3	3.3	3.3
208 DR Johnson - Co-Gen II (PPL)	7.5	7.5	7.7	5.8	7.3	6.0	6.7	9.1	7.3	7.4	7.4	11	4.2	7.1
209 Magic Valley (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
210 Magic West (IPC)	9.3	9.3	9.7	9.3	9.6	9.3	9.3	10	9.4	9.7	9.7	9.4	9.7	9.3
211 March Point #1 (PSE)	80	80	80	80	80	80	80	80	80	80	80	0	80	80
212 March Point #2 (PSE)	60	60	60	60	60	60	60	60	60	60	60	60	60	60
213 PERC Pierce, Wa (PSE)	3	3	3	3	3	3	3	3	3	3	3	0	3	3
214 Simplot Pocatello (IPC)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
215 Sumas Energy (PSE)	135	135	135	135	135	135	135	135	135	135	135	135	135	135
216 Tamarack (IPC)	3.8	3.8	4.6	4.7	4.2	3.2	3.6	3.8	4.2	4.4	4.4	3.4	4.6	4.8
217 TESCO Nampa ID (IPC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
218 TESCO Twin Falls ID (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219 Vaagen Bros. (IPC)	3	3	3.7	3.8	3.3	2.6	2.9	3.1	3.4	3.6	3.6	2.7	3.7	3.8

Table A-24: Regional Non Utility Generating Resources By Project  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 [27] 2004 White Book

Continued

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
220 Warm Springs (PPL)	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
<b>221 IOU - Total NUG: Co-Generation</b>	<b>364</b>	<b>364</b>	<b>366</b>	<b>365</b>	<b>368</b>	<b>365</b>	<b>351</b>	<b>365</b>	<b>361</b>	<b>365</b>	<b>365</b>	<b>284</b>	<b>366</b>	<b>366</b>
<b>-NUG: Renewables-</b>														
222 Emmett Biomass Project (IPC)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
223 Foote Creek 1 (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
224 HeaLOW #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225 Josef Staufier (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226 Lewandowski Farms (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
227 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
229 Staleline Wind Project (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>231 IOU - Total NUG: Renewables</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Other Entities</b>														
<b>-NUG: Co-Generation-</b>														
232 SP Newsprint cogen (SPN)	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>233 Other - Total NUG: Co-Generation</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>-NUG: Renewables-</b>														
234 Staleline Wind Project (PPME)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
235 Vansycle Wind (FPLEV)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>236 Other - Total NUG: Renewables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>-Total Non-Utility Generating Resources-</b>														
237 Federal Entities	53	53	53	53	53	53	53	53	53	53	53	53	53	53
238 Generating Public Entities	245	245	177	102	55	55	56	59	87	202	202	293	306	280
239 Non Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
240 Investor-Owned Entities	1047	1047	1030	1001	1000	984	962	988	998	1036	1036	827	1079	1062
241 Other Entities	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>242 Total Non-Utility Generation</b>	<b>1387</b>	<b>1387</b>	<b>1303</b>	<b>1198</b>	<b>1151</b>	<b>1134</b>	<b>1113</b>	<b>1142</b>	<b>1180</b>	<b>1334</b>	<b>1334</b>	<b>1215</b>	<b>1481</b>	<b>1438</b>

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Table A-25  
Dedicated Resources  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System



Table A-25: Dedicated Resources  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 Generating Public Entities	4904	4823	4939	4739	4714	4687	3881	4243	4435	4434	4522	4137	4979	4673
2 Total Generating Public Entities	4904	4823	4939	4739	4714	4687	3881	4243	4435	4434	4522	4137	4979	4673
<i>-Non-Generating Public Entities-</i>														
3 Non-Generating Public Entities	156	156	153	144	157	158	150	151	157	161	161	160	164	161
4 Total Non-Generating Public Entities	156	156	153	144	157	158	150	151	157	161	161	160	164	161
<i>-Investor-Owned Entities-</i>														
5 Investor-Owned Entities	12061	12045	11977	11877	11665	11682	11575	11339	11442	11659	11144	11109	11820	12021
6 Total Investor-owned Entities	12061	12045	11977	11877	11665	11682	11575	11339	11442	11659	11144	11109	11820	12021
<i>-Total Dedicated Resources-</i>														
7 Generating Public Entities	4904	4823	4939	4739	4714	4687	3881	4243	4435	4434	4522	4137	4979	4673
8 Small & Non Generating Entities	156	156	153	144	157	158	150	151	157	161	161	160	164	161
9 Investor-Owned Entities	12061	12045	11977	11877	11665	11682	11575	11339	11442	11659	11144	11109	11820	12021
10 Regional Total Dedicated Resources	17121	17024	17069	16760	16535	16527	15607	15733	16034	16254	15827	15407	16962	16856

Table A-25: Dedicated Resources  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 Generating Public Entities	4805	4724	4855	4583	4707	4680	3932	4291	4462	4437	4526	4139	4990	4686
2 Total Generating Public Entities	4805	4724	4855	4583	4707	4680	3932	4291	4462	4437	4526	4139	4990	4686
<i>-Non-Generating Public Entities-</i>														
3 Non-Generating Public Entities	158	158	151	131	133	134	130	130	140	141	141	144	144	141
4 Total Non-Generating Public Entities	158	158	151	131	133	134	130	130	140	141	141	144	144	141
<i>-Investor-Owned Entities-</i>														
5 Investor-Owned Entities	12011	11994	11664	11492	11598	11620	11618	11383	11486	11697	11182	10193	10798	12053
6 Total Investor-owned Entities	12011	11994	11664	11492	11598	11620	11618	11383	11486	11697	11182	10193	10798	12053
<i>-Total Dedicated Resources-</i>														
7 Generating Public Entities	4805	4724	4855	4583	4707	4680	3932	4291	4462	4437	4526	4139	4990	4686
8 Small & Non Generating Entities	158	158	151	131	133	134	130	130	140	141	141	144	144	141
9 Investor-Owned Entities	12011	11994	11664	11492	11598	11620	11618	11383	11486	11697	11182	10193	10798	12053
10 Regional Total Dedicated Resources	16974	16876	16669	16206	16438	16434	15679	15805	16089	16276	15849	14476	15932	16880

Table A-25: Dedicated Resources  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 Generating Public Entities	4804	4724	4844	4612	4738	4715	3963	4323	4493	4466	4555	3926	5027	4722
2 Total Generating Public Entities	4804	4724	4844	4612	4738	4715	3963	4323	4493	4466	4555	3926	5027	4722
<i>-Non-Generating Public Entities-</i>														
3 Non-Generating Public Entities	139	139	135	131	133	131	130	130	140	141	141	144	144	141
4 Total Non-Generating Public Entities	139	139	135	131	133	131	130	130	140	141	141	144	144	141
<i>-Investor-Owned Entities-</i>														
5 Investor-Owned Entities	12043	12024	11952	11609	11456	11636	11633	11399	11501	11711	11566	10636	11433	12065
6 Total Investor-owned Entities	12043	12024	11952	11609	11456	11636	11633	11399	11501	11711	11566	10636	11433	12065
<i>-Total Dedicated Resources-</i>														
7 Generating Public Entities	4804	4724	4844	4612	4738	4715	3963	4323	4493	4466	4555	3926	5027	4722
8 Small & Non Generating Entities	139	139	135	131	133	131	130	130	140	141	141	144	144	141
9 Investor-Owned Entities	12043	12024	11952	11609	11456	11636	11633	11399	11501	11711	11566	10636	11433	12065
10 Regional Total Dedicated Resources	16985	16887	16931	16353	16327	16481	15726	15851	16133	16318	16263	14706	16603	16929

Table A-25: Dedicated Resources  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 Generating Public Entities	4842	4763	4883	4618	4745	4719	3970	4330	4498	4464	4552	4166	5024	4719
2 Total Generating Public Entities	4842	4763	4883	4618	4745	4719	3970	4330	4498	4464	4552	4166	5024	4719
<i>-Non-Generating Public Entities-</i>														
3 Non-Generating Public Entities	139	139	135	130	132	133	129	129	139	140	140	143	143	140
4 Total Non-Generating Public Entities	139	139	135	130	132	133	129	129	139	140	140	143	143	140
<i>-Investor-Owned Entities-</i>														
5 Investor-Owned Entities	12056	12131	12059	11775	11623	11643	11641	11406	11507	11181	11196	10578	11607	12066
6 Total Investor-owned Entities	12056	12131	12059	11775	11623	11643	11641	11406	11507	11181	11196	10578	11607	12066
<i>-Total Dedicated Resources-</i>														
7 Generating Public Entities	4842	4763	4883	4618	4745	4719	3970	4330	4498	4464	4552	4166	5024	4719
8 Small & Non Generating Entities	139	139	135	130	132	133	129	129	139	140	140	143	143	140
9 Investor-Owned Entities	12056	12131	12059	11775	11623	11643	11641	11406	11507	11181	11196	10578	11607	12066
10 Regional Total Dedicated Resources	17037	17032	17076	16523	16501	16495	15740	15865	16144	15785	15888	14887	16774	16926

Table A-25: Dedicated Resources  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 Generating Public Entities	4840	4761	4881	4615	4680	4654	3900	4261	4429	4206	4294	4045	4958	4649
<b>2 Total Generating Public Entities</b>	<b>4840</b>	<b>4761</b>	<b>4881</b>	<b>4615</b>	<b>4680</b>	<b>4654</b>	<b>3900</b>	<b>4261</b>	<b>4429</b>	<b>4206</b>	<b>4294</b>	<b>4045</b>	<b>4958</b>	<b>4649</b>
<i>-Non-Generating Public Entities-</i>														
3 Non-Generating Public Entities	138	138	134	130	132	133	131	131	138	143	143	142	142	143
<b>4 Total Non-Generating Public Entities</b>	<b>138</b>	<b>138</b>	<b>134</b>	<b>130</b>	<b>132</b>	<b>133</b>	<b>131</b>	<b>131</b>	<b>138</b>	<b>143</b>	<b>143</b>	<b>142</b>	<b>142</b>	<b>143</b>
<i>-Investor-Owned Entities-</i>														
5 Investor-Owned Entities	12056	12036	11964	11775	11519	11540	11448	11212	11315	11036	11052	11458	11251	11875
<b>6 Total Investor-owned Entities</b>	<b>12056</b>	<b>12036</b>	<b>11964</b>	<b>11775</b>	<b>11519</b>	<b>11540</b>	<b>11448</b>	<b>11212</b>	<b>11315</b>	<b>11036</b>	<b>11052</b>	<b>11458</b>	<b>11251</b>	<b>11875</b>
<i>-Total Dedicated Resources-</i>														
7 Generating Public Entities	4840	4761	4881	4615	4680	4654	3900	4261	4429	4206	4294	4045	4958	4649
8 Small & Non Generating Entities	138	138	134	130	132	133	131	131	138	143	143	142	142	143
9 Investor-Owned Entities	12056	12036	11964	11775	11519	11540	11448	11212	11315	11036	11052	11458	11251	11875
<b>10 Regional Total Dedicated Resources</b>	<b>17034</b>	<b>16935</b>	<b>16979</b>	<b>16520</b>	<b>16332</b>	<b>16328</b>	<b>15479</b>	<b>15604</b>	<b>15882</b>	<b>15385</b>	<b>15489</b>	<b>15645</b>	<b>16350</b>	<b>16667</b>

Table A-25: Dedicated Resources  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 Generating Public Entities	4769	4690	4813	4550	4680	4653	3902	4263	4429	4209	4297	4048	4962	4604
2 Total Generating Public Entities	4769	4690	4813	4550	4680	4653	3902	4263	4429	4209	4297	4048	4962	4604
<i>-Non-Generating Public Entities-</i>														
3 Non-Generating Public Entities	141	141	133	129	132	133	131	131	138	143	143	142	142	143
4 Total Non-Generating Public Entities	141	141	133	129	132	133	131	131	138	143	143	142	142	143
<i>-Investor-Owned Entities-</i>														
5 Investor-Owned Entities	11866	11845	11773	11582	11437	11458	11357	11121	11223	10521	10435	10734	11679	11780
6 Total Investor-owned Entities	11866	11845	11773	11582	11437	11458	11357	11121	11223	10521	10435	10734	11679	11780
<i>-Total Dedicated Resources-</i>														
7 Generating Public Entities	4769	4690	4813	4550	4680	4653	3902	4263	4429	4209	4297	4048	4962	4604
8 Small & Non Generating Entities	141	141	133	129	132	133	131	131	138	143	143	142	142	143
9 Investor-Owned Entities	11866	11845	11773	11582	11437	11458	11357	11121	11223	10521	10435	10734	11679	11780
10 Regional Total Dedicated Resources	16775	16675	16719	16261	16248	16244	15390	15515	15790	14873	14876	14923	16782	16527

Table A-25: Dedicated Resources  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 Generating Public Entities	4712	4633	4757	4634	4757	4730	3965	4327	4504	4542	4631	4291	5147	4808
<b>2 Total Generating Public Entities</b>	<b>4712</b>	<b>4633</b>	<b>4757</b>	<b>4634</b>	<b>4757</b>	<b>4730</b>	<b>3965</b>	<b>4327</b>	<b>4504</b>	<b>4542</b>	<b>4631</b>	<b>4291</b>	<b>5147</b>	<b>4808</b>
<i>-Non-Generating Public Entities-</i>														
3 Non-Generating Public Entities	141	141	133	124	125	126	126	126	133	133	133	132	132	133
<b>4 Total Non-Generating Public Entities</b>	<b>141</b>	<b>141</b>	<b>133</b>	<b>124</b>	<b>125</b>	<b>126</b>	<b>126</b>	<b>126</b>	<b>133</b>	<b>133</b>	<b>133</b>	<b>132</b>	<b>132</b>	<b>133</b>
<i>-Investor-Owned Entities-</i>														
5 Investor-Owned Entities	11771	11751	11104	10773	10625	10646	10656	10419	10519	10668	10684	9545	10875	11005
<b>6 Total Investor-owned Entities</b>	<b>11771</b>	<b>11751</b>	<b>11104</b>	<b>10773</b>	<b>10625</b>	<b>10646</b>	<b>10656</b>	<b>10419</b>	<b>10519</b>	<b>10668</b>	<b>10684</b>	<b>9545</b>	<b>10875</b>	<b>11005</b>
<i>-Total Dedicated Resources-</i>														
7 Generating Public Entities	4712	4633	4757	4634	4757	4730	3965	4327	4504	4542	4631	4291	5147	4808
8 Small & Non Generating Entities	141	141	133	124	125	126	126	126	133	133	133	132	132	133
9 Investor-Owned Entities	11771	11751	11104	10773	10625	10646	10656	10419	10519	10668	10684	9545	10875	11005
<b>10 Regional Total Dedicated Resources</b>	<b>16624</b>	<b>16525</b>	<b>15994</b>	<b>15531</b>	<b>15506</b>	<b>15502</b>	<b>14746</b>	<b>14872</b>	<b>15156</b>	<b>15343</b>	<b>15448</b>	<b>13968</b>	<b>16154</b>	<b>15947</b>

Table A-25: Dedicated Resources  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 Generating Public Entities	4871	4790	4906	4638	4764	4737	3972	4333	4507	4544	4633	4293	5150	4811
<b>2 Total Generating Public Entities</b>	<b>4871</b>	<b>4790</b>	<b>4906</b>	<b>4638</b>	<b>4764</b>	<b>4737</b>	<b>3972</b>	<b>4333</b>	<b>4507</b>	<b>4544</b>	<b>4633</b>	<b>4293</b>	<b>5150</b>	<b>4811</b>
<i>-Non-Generating Public Entities-</i>														
3 Non-Generating Public Entities	131	131	127	124	125	126	126	126	133	133	133	132	132	133
<b>4 Total Non-Generating Public Entities</b>	<b>131</b>	<b>131</b>	<b>127</b>	<b>124</b>	<b>125</b>	<b>126</b>	<b>126</b>	<b>126</b>	<b>133</b>	<b>133</b>	<b>133</b>	<b>132</b>	<b>132</b>	<b>133</b>
<i>-Investor-Owned Entities-</i>														
5 Investor-Owned Entities	11053	11034	10966	10776	10626	10648	10657	10421	10520	10139	9626	10178	10786	11007
<b>6 Total Investor-owned Entities</b>	<b>11053</b>	<b>11034</b>	<b>10966</b>	<b>10776</b>	<b>10626</b>	<b>10648</b>	<b>10657</b>	<b>10421</b>	<b>10520</b>	<b>10139</b>	<b>9626</b>	<b>10178</b>	<b>10786</b>	<b>11007</b>
<i>-Total Dedicated Resources-</i>														
7 Generating Public Entities	4871	4790	4906	4638	4764	4737	3972	4333	4507	4544	4633	4293	5150	4811
8 Small & Non Generating Entities	131	131	127	124	125	126	126	126	133	133	133	132	132	133
9 Investor-Owned Entities	11053	11034	10966	10776	10626	10648	10657	10421	10520	10139	9626	10178	10786	11007
<b>10 Regional Total Dedicated Resources</b>	<b>16055</b>	<b>15955</b>	<b>15999</b>	<b>15539</b>	<b>15515</b>	<b>15510</b>	<b>14755</b>	<b>14880</b>	<b>15160</b>	<b>14816</b>	<b>14392</b>	<b>14603</b>	<b>16068</b>	<b>15951</b>



Table A-25: Dedicated Resources  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 Generating Public Entities	4874	4793	4909	4641	4769	4742	3977	4339	4511	4547	4636	4054	5152	4814
<b>2 Total Generating Public Entities</b>	<b>4874</b>	<b>4793</b>	<b>4909</b>	<b>4641</b>	<b>4769</b>	<b>4742</b>	<b>3977</b>	<b>4339</b>	<b>4511</b>	<b>4547</b>	<b>4636</b>	<b>4054</b>	<b>5152</b>	<b>4814</b>
<i>-Non-Generating Public Entities-</i>														
3 Non-Generating Public Entities	131	131	127	124	125	126	126	126	133	133	133	132	132	133
<b>4 Total Non-Generating Public Entities</b>	<b>131</b>	<b>131</b>	<b>127</b>	<b>124</b>	<b>125</b>	<b>126</b>	<b>126</b>	<b>126</b>	<b>133</b>	<b>133</b>	<b>133</b>	<b>132</b>	<b>132</b>	<b>133</b>
<i>-Investor-Owned Entities-</i>														
5 Investor-Owned Entities	11055	11035	10967	10777	10628	10652	10661	10424	10522	10671	10687	10079	10880	11008
<b>6 Total Investor-owned Entities</b>	<b>11055</b>	<b>11035</b>	<b>10967</b>	<b>10777</b>	<b>10628</b>	<b>10652</b>	<b>10661</b>	<b>10424</b>	<b>10522</b>	<b>10671</b>	<b>10687</b>	<b>10079</b>	<b>10880</b>	<b>11008</b>
<i>-Total Dedicated Resources-</i>														
7 Generating Public Entities	4874	4793	4909	4641	4769	4742	3977	4339	4511	4547	4636	4054	5152	4814
8 Small & Non Generating Entities	131	131	127	124	125	126	126	126	133	133	133	132	132	133
9 Investor-Owned Entities	11055	11035	10967	10777	10628	10652	10661	10424	10522	10671	10687	10079	10880	11008
<b>10 Regional Total Dedicated Resources</b>	<b>16059</b>	<b>15958</b>	<b>16002</b>	<b>15542</b>	<b>15522</b>	<b>15519</b>	<b>14763</b>	<b>14889</b>	<b>15167</b>	<b>15351</b>	<b>15456</b>	<b>14265</b>	<b>16164</b>	<b>15955</b>

Table A-25: Dedicated Resources  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 Generating Public Entities	4876	4795	4911	4645	4774	4748	3983	4344	4515	4550	4639	4299	5155	4817
<b>2 Total Generating Public Entities</b>	<b>4876</b>	<b>4795</b>	<b>4911</b>	<b>4645</b>	<b>4774</b>	<b>4748</b>	<b>3983</b>	<b>4344</b>	<b>4515</b>	<b>4550</b>	<b>4639</b>	<b>4299</b>	<b>5155</b>	<b>4817</b>
<i>-Non-Generating Public Entities-</i>														
3 Non-Generating Public Entities	131	131	127	124	125	126	126	126	133	133	133	132	132	133
<b>4 Total Non-Generating Public Entities</b>	<b>131</b>	<b>131</b>	<b>127</b>	<b>124</b>	<b>125</b>	<b>126</b>	<b>126</b>	<b>126</b>	<b>133</b>	<b>133</b>	<b>133</b>	<b>132</b>	<b>132</b>	<b>133</b>
<i>-Investor-Owned Entities-</i>														
5 Investor-Owned Entities	11055	11035	10967	10778	10627	10651	10660	10423	10520	10669	10686	10179	10780	11008
<b>6 Total Investor-owned Entities</b>	<b>11055</b>	<b>11035</b>	<b>10967</b>	<b>10778</b>	<b>10627</b>	<b>10651</b>	<b>10660</b>	<b>10423</b>	<b>10520</b>	<b>10669</b>	<b>10686</b>	<b>10179</b>	<b>10780</b>	<b>11008</b>
<i>-Total Dedicated Resources-</i>														
7 Generating Public Entities	4876	4795	4911	4645	4774	4748	3983	4344	4515	4550	4639	4299	5155	4817
8 Small & Non Generating Entities	131	131	127	124	125	126	126	126	133	133	133	132	132	133
9 Investor-Owned Entities	11055	11035	10967	10778	10627	10651	10660	10423	10520	10669	10686	10179	10780	11008
<b>10 Regional Total Dedicated Resources</b>	<b>16062</b>	<b>15961</b>	<b>16005</b>	<b>15547</b>	<b>15527</b>	<b>15524</b>	<b>14768</b>	<b>14893</b>	<b>15168</b>	<b>15353</b>	<b>15459</b>	<b>14610</b>	<b>16067</b>	<b>15958</b>

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Table A-26  
Other Dedicated Resources  
Monthly OY 2006 – 2015  
Capacity in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

Table A-26: Other Dedicated Resources  
 PNW Loads and Resource Study  
 2005 - 2006 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 <i>Generating Public Entities</i>	5203	4785	4524	5012	5625	5848	5653	5642	5501	4983	4781	5093	4836	5071
2 Total Generating Public Entities	5203	4785	4524	5012	5625	5848	5653	5642	5501	4983	4781	5093	4836	5071
<i>-Non-Generating Public Entities-</i>														
3 <i>Small &amp; Non Generating Public Entities</i>	5232	4980	4600	5255	5555	5753	5736	5589	5230	4905	4791	4803	4892	5180
4 Total Non-Generating Public Entities	5232	4980	4600	5255	5555	5753	5736	5589	5230	4905	4791	4803	4892	5180
<i>-Investor-Owned Entities-</i>														
5 <i>Investor-Owned Entities</i>	6149	6154	6126	5967	7064	7525	7654	7422	6761	6597	6593	4545	6276	6502
6 Total Investor-owned Entities	6149	6154	6126	5967	7064	7525	7654	7422	6761	6597	6593	4545	6276	6502
<i>-Total Dedicated Resources-</i>														
7 <i>Generating Public Entities</i>	5203	4785	4524	5012	5625	5848	5653	5642	5501	4983	4781	5093	4836	5071
8 <i>Non Generating Entities</i>	5232	4980	4600	5255	5555	5753	5736	5589	5230	4905	4791	4803	4892	5180
9 <i>Investor-Owned Entities</i>	6149	6154	6126	5967	7064	7525	7654	7422	6761	6597	6593	4545	6276	6502
10 Regional Total Dedicated Resources	16584	15919	15251	16235	18244	19127	19043	18653	17491	16484	16165	14441	16004	16754

Table A-26: Other Dedicated Resources  
 PNW Loads and Resource Study  
 2006 - 2007 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 <i>Generating Public Entities</i>	5217	4821	4643	5426	6018	6291	5684	5697	5556	5105	4914	4804	4601	5027
2 <b>Total Generating Public Entities</b>	5217	4821	4643	5426	6018	6291	5684	5697	5556	5105	4914	4804	4601	5027
<i>-Non-Generating Public Entities-</i>														
3 <i>Small &amp; Non Generating Public Entities</i>	5283	5033	4660	5396	5702	5870	5855	5696	5347	4973	4859	4817	4947	5325
4 <b>Total Non-Generating Public Entities</b>	5283	5033	4660	5396	5702	5870	5855	5696	5347	4973	4859	4817	4947	5325
<i>-Investor-Owned Entities-</i>														
5 <i>Investor-Owned Entities</i>	6285	6290	5909	6282	7261	7554	7677	7447	6801	6636	6632	4193	6303	6129
6 <b>Total Investor-owned Entities</b>	6285	6290	5909	6282	7261	7554	7677	7447	6801	6636	6632	4193	6303	6129
<i>-Total Dedicated Resources-</i>														
7 <i>Generating Public Entities</i>	5217	4821	4643	5426	6018	6291	5684	5697	5556	5105	4914	4804	4601	5027
8 <i>Non Generating Entities</i>	5283	5033	4660	5396	5702	5870	5855	5696	5347	4973	4859	4817	4947	5325
9 <i>Investor-Owned Entities</i>	6285	6290	5909	6282	7261	7554	7677	7447	6801	6636	6632	4193	6303	6129
10 <b>Regional Total Dedicated Resources</b>	16784	16144	15213	17104	18981	19715	19215	18840	17705	16714	16405	13813	15851	16481

Table A-26: Other Dedicated Resources  
 PNW Loads and Resource Study  
 2007 - 2008 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 <i>Generating Public Entities</i>	5453	5042	4896	5341	5947	6224	5700	5715	5585	5103	4912	4955	4767	5037
2 <b>Total Generating Public Entities</b>	5453	5042	4896	5341	5947	6224	5700	5715	5585	5103	4912	4955	4767	5037
<i>-Non-Generating Public Entities-</i>														
3 <i>Small &amp; Non Generating Public Entities</i>	5445	5197	4785	5450	5758	5930	5911	5751	5405	5021	4907	4943	5072	5375
4 <b>Total Non-Generating Public Entities</b>	5445	5197	4785	5450	5758	5930	5911	5751	5405	5021	4907	4943	5072	5375
<i>-Investor-Owned Entities-</i>														
5 <i>Investor-Owned Entities</i>	6008	6013	5976	6325	6873	7131	6903	6724	6431	6262	6258	4083	6251	6419
6 <b>Total Investor-owned Entities</b>	6008	6013	5976	6325	6873	7131	6903	6724	6431	6262	6258	4083	6251	6419
<i>-Total Dedicated Resources-</i>														
7 <i>Generating Public Entities</i>	5453	5042	4896	5341	5947	6224	5700	5715	5585	5103	4912	4955	4767	5037
8 <i>Non Generating Entities</i>	5445	5197	4785	5450	5758	5930	5911	5751	5405	5021	4907	4943	5072	5375
9 <i>Investor-Owned Entities</i>	6008	6013	5976	6325	6873	7131	6903	6724	6431	6262	6258	4083	6251	6419
10 <b>Regional Total Dedicated Resources</b>	16905	16252	15657	17116	18578	19285	18514	18190	17420	16386	16077	13980	16091	16831

Table A-26: Other Dedicated Resources  
 PNW Loads and Resource Study  
 2008 - 2009 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 <i>Generating Public Entities</i>	5485	5077	4897	5359	5983	6223	5718	5732	5608	5116	4925	4858	4637	5052
2 Total Generating Public Entities	5485	5077	4897	5359	5983	6223	5718	5732	5608	5116	4925	4858	4637	5052
<i>-Non-Generating Public Entities-</i>														
3 <i>Small &amp; Non Generating Public Entities</i>	5490	5243	4828	5496	5806	5981	5961	5797	5453	5064	4949	4909	5037	5418
4 Total Non-Generating Public Entities	5490	5243	4828	5496	5806	5981	5961	5797	5453	5064	4949	4909	5037	5418
<i>-Investor-Owned Entities-</i>														
5 <i>Investor-Owned Entities</i>	6095	5435	5468	6191	6422	6631	6762	6539	6284	6117	6113	3951	6090	6243
6 Total Investor-owned Entities	6095	5435	5468	6191	6422	6631	6762	6539	6284	6117	6113	3951	6090	6243
<i>-Total Dedicated Resources-</i>														
7 <i>Generating Public Entities</i>	5485	5077	4897	5359	5983	6223	5718	5732	5608	5116	4925	4858	4637	5052
8 <i>Non Generating Entities</i>	5490	5243	4828	5496	5806	5981	5961	5797	5453	5064	4949	4909	5037	5418
9 <i>Investor-Owned Entities</i>	6095	5435	5468	6191	6422	6631	6762	6539	6284	6117	6113	3951	6090	6243
10 Regional Total Dedicated Resources	17070	15756	15194	17046	18211	18836	18442	18069	17346	16296	15987	13717	15764	16713



Table A-26: Other Dedicated Resources  
 PNW Loads and Resource Study  
 2009 - 2010 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 <i>Generating Public Entities</i>	5495	5090	4905	5376	6168	6410	5992	6004	5902	5404	5212	5275	5051	5339
2 <b>Total Generating Public Entities</b>	5495	5090	4905	5376	6168	6410	5992	6004	5902	5404	5212	5275	5051	5339
<i>-Non-Generating Public Entities-</i>														
3 <i>Small &amp; Non Generating Public Entities</i>	5529	5284	4866	5544	5856	6034	6020	5854	5510	5116	5001	5038	5164	5470
4 <b>Total Non-Generating Public Entities</b>	5529	5284	4866	5544	5856	6034	6020	5854	5510	5116	5001	5038	5164	5470
<i>-Investor-Owned Entities-</i>														
5 <i>Investor-Owned Entities</i>	6096	5891	5928	5984	6218	6422	6527	6305	6035	5869	5865	3705	5766	5918
6 <b>Total Investor-owned Entities</b>	6096	5891	5928	5984	6218	6422	6527	6305	6035	5869	5865	3705	5766	5918
<i>-Total Dedicated Resources-</i>														
7 <i>Generating Public Entities</i>	5495	5090	4905	5376	6168	6410	5992	6004	5902	5404	5212	5275	5051	5339
8 <i>Non Generating Entities</i>	5529	5284	4866	5544	5856	6034	6020	5854	5510	5116	5001	5038	5164	5470
9 <i>Investor-Owned Entities</i>	6096	5891	5928	5984	6218	6422	6527	6305	6035	5869	5865	3705	5766	5918
10 <b>Regional Total Dedicated Resources</b>	17120	16264	15699	16904	18242	18867	18539	18164	17447	16389	16078	14018	15981	16727

Table A-26: Other Dedicated Resources  
 PNW Loads and Resource Study  
 2010 - 2011 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 <i>Generating Public Entities</i>	5788	5385	5196	5690	6289	6557	6042	6050	5935	5436	5237	5173	4996	5477
2 <b>Total Generating Public Entities</b>	5788	5385	5196	5690	6289	6557	6042	6050	5935	5436	5237	5173	4996	5477
<i>-Non-Generating Public Entities-</i>														
3 <i>Small &amp; Non Generating Public Entities</i>	5584	5340	4919	5605	5919	6100	6078	5910	5565	5167	5048	5008	5132	5517
4 <b>Total Non-Generating Public Entities</b>	5584	5340	4919	5605	5919	6100	6078	5910	5565	5167	5048	5008	5132	5517
<i>-Investor-Owned Entities-</i>														
5 <i>Investor-Owned Entities</i>	5770	5775	5895	6159	6392	6486	6416	6197	6046	5881	5878	3720	5732	5883
6 <b>Total Investor-owned Entities</b>	5770	5775	5895	6159	6392	6486	6416	6197	6046	5881	5878	3720	5732	5883
<i>-Total Dedicated Resources-</i>														
7 <i>Generating Public Entities</i>	5788	5385	5196	5690	6289	6557	6042	6050	5935	5436	5237	5173	4996	5477
8 <i>Non Generating Entities</i>	5584	5340	4919	5605	5919	6100	6078	5910	5565	5167	5048	5008	5132	5517
9 <i>Investor-Owned Entities</i>	5770	5775	5895	6159	6392	6486	6416	6197	6046	5881	5878	3720	5732	5883
10 <b>Regional Total Dedicated Resources</b>	17143	16500	16010	17454	18600	19144	18535	18157	17547	16484	16163	13901	15861	16878

Table A-26: Other Dedicated Resources  
 PNW Loads and Resource Study  
 2011 - 2012 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 <i>Generating Public Entities</i>	5891	5489	5312	5890	6457	6705	6202	6246	6097	5595	5390	5462	5288	5599
2 <b>Total Generating Public Entities</b>	5891	5489	5312	5890	6457	6705	6202	6246	6097	5595	5390	5462	5288	5599
<i>-Non-Generating Public Entities-</i>														
3 <i>Small &amp; Non Generating Public Entities</i>	5621	5379	4955	5637	5947	6127	6105	5919	5579	5186	5064	5093	5227	5549
4 <b>Total Non-Generating Public Entities</b>	5621	5379	4955	5637	5947	6127	6105	5919	5579	5186	5064	5093	5227	5549
<i>-Investor-Owned Entities-</i>														
5 <i>Investor-Owned Entities</i>	5731	5736	5859	5890	5872	5964	6097	5881	5731	5559	5556	3701	5713	5887
6 <b>Total Investor-owned Entities</b>	5731	5736	5859	5890	5872	5964	6097	5881	5731	5559	5556	3701	5713	5887
<i>-Total Dedicated Resources-</i>														
7 <i>Generating Public Entities</i>	5891	5489	5312	5890	6457	6705	6202	6246	6097	5595	5390	5462	5288	5599
8 <i>Non Generating Entities</i>	5621	5379	4955	5637	5947	6127	6105	5919	5579	5186	5064	5093	5227	5549
9 <i>Investor-Owned Entities</i>	5731	5736	5859	5890	5872	5964	6097	5881	5731	5559	5556	3701	5713	5887
10 <b>Regional Total Dedicated Resources</b>	17244	16605	16126	17418	18275	18797	18404	18046	17407	16340	16010	14256	16228	17035

Table A-26: Other Dedicated Resources  
 PNW Loads and Resource Study  
 2012 - 2013 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 <i>Generating Public Entities</i>	6007	5609	5416	5913	6481	6730	6226	6261	6124	5623	5412	5357	5182	5623
2 <b>Total Generating Public Entities</b>	<b>6007</b>	<b>5609</b>	<b>5416</b>	<b>5913</b>	<b>6481</b>	<b>6730</b>	<b>6226</b>	<b>6261</b>	<b>6124</b>	<b>5623</b>	<b>5412</b>	<b>5357</b>	<b>5182</b>	<b>5623</b>
<i>-Non-Generating Public Entities-</i>														
3 <i>Small &amp; Non Generating Public Entities</i>	5649	5409	4984	5657	5967	6150	6158	5969	5629	5235	5109	5061	5193	5594
4 <b>Total Non-Generating Public Entities</b>	<b>5649</b>	<b>5409</b>	<b>4984</b>	<b>5657</b>	<b>5967</b>	<b>6150</b>	<b>6158</b>	<b>5969</b>	<b>5629</b>	<b>5235</b>	<b>5109</b>	<b>5061</b>	<b>5193</b>	<b>5594</b>
<i>-Investor-Owned Entities-</i>														
5 <i>Investor-Owned Entities</i>	5738	5743	5865	5909	5854	5954	6085	5869	5749	5577	5574	3720	5733	5903
6 <b>Total Investor-owned Entities</b>	<b>5738</b>	<b>5743</b>	<b>5865</b>	<b>5909</b>	<b>5854</b>	<b>5954</b>	<b>6085</b>	<b>5869</b>	<b>5749</b>	<b>5577</b>	<b>5574</b>	<b>3720</b>	<b>5733</b>	<b>5903</b>
<i>-Total Dedicated Resources-</i>														
7 <i>Generating Public Entities</i>	6007	5609	5416	5913	6481	6730	6226	6261	6124	5623	5412	5357	5182	5623
8 <i>Non Generating Entities</i>	5649	5409	4984	5657	5967	6150	6158	5969	5629	5235	5109	5061	5193	5594
9 <i>Investor-Owned Entities</i>	5738	5743	5865	5909	5854	5954	6085	5869	5749	5577	5574	3720	5733	5903
10 <b>Regional Total Dedicated Resources</b>	<b>17394</b>	<b>16761</b>	<b>16265</b>	<b>17479</b>	<b>18301</b>	<b>18834</b>	<b>18469</b>	<b>18099</b>	<b>17502</b>	<b>16435</b>	<b>16095</b>	<b>14138</b>	<b>16107</b>	<b>17120</b>

Table A-26: Other Dedicated Resources  
 PNW Loads and Resource Study  
 2013 - 2014 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 <i>Generating Public Entities</i>	6028	5632	5438	5941	6507	6757	6248	6283	6150	5649	5433	5508	5332	5646
2 <b>Total Generating Public Entities</b>	<b>6028</b>	<b>5632</b>	<b>5438</b>	<b>5941</b>	<b>6507</b>	<b>6757</b>	<b>6248</b>	<b>6283</b>	<b>6150</b>	<b>5649</b>	<b>5433</b>	<b>5508</b>	<b>5332</b>	<b>5646</b>
<i>-Non-Generating Public Entities-</i>														
3 <i>Small &amp; Non Generating Public Entities</i>	5691	5453	5025	5708	6020	6205	6210	6019	5678	5282	5153	5182	5313	5638
4 <b>Total Non-Generating Public Entities</b>	<b>5691</b>	<b>5453</b>	<b>5025</b>	<b>5708</b>	<b>6020</b>	<b>6205</b>	<b>6210</b>	<b>6019</b>	<b>5678</b>	<b>5282</b>	<b>5153</b>	<b>5182</b>	<b>5313</b>	<b>5638</b>
<i>-Investor-Owned Entities-</i>														
5 <i>Investor-Owned Entities</i>	5768	5773	5884	5907	5642	5742	6087	5871	5751	5579	5576	3723	5702	5874
6 <b>Total Investor-owned Entities</b>	<b>5768</b>	<b>5773</b>	<b>5884</b>	<b>5907</b>	<b>5642</b>	<b>5742</b>	<b>6087</b>	<b>5871</b>	<b>5751</b>	<b>5579</b>	<b>5576</b>	<b>3723</b>	<b>5702</b>	<b>5874</b>
<i>-Total Dedicated Resources-</i>														
7 <i>Generating Public Entities</i>	6028	5632	5438	5941	6507	6757	6248	6283	6150	5649	5433	5508	5332	5646
8 <i>Non Generating Entities</i>	5691	5453	5025	5708	6020	6205	6210	6019	5678	5282	5153	5182	5313	5638
9 <i>Investor-Owned Entities</i>	5768	5773	5884	5907	5642	5742	6087	5871	5751	5579	5576	3723	5702	5874
10 <b>Regional Total Dedicated Resources</b>	<b>17487</b>	<b>16859</b>	<b>16347</b>	<b>17556</b>	<b>18169</b>	<b>18704</b>	<b>18545</b>	<b>18174</b>	<b>17580</b>	<b>16510</b>	<b>16162</b>	<b>14412</b>	<b>16347</b>	<b>17157</b>

Table A-26: Other Dedicated Resources  
 PNW Loads and Resource Study  
 2014 - 2015 Operating Year  
 1937 Water Year  
 [27] 2004 White Book

12/31/2004

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
<i>-Generating Public Entities-</i>														
1 <i>Generating Public Entities</i>	6048	5654	5457	5964	6533	6784	6274	6309	6176	5675	5456	5402	5225	5668
2 <b>Total Generating Public Entities</b>	<b>6048</b>	<b>5654</b>	<b>5457</b>	<b>5964</b>	<b>6533</b>	<b>6784</b>	<b>6274</b>	<b>6309</b>	<b>6176</b>	<b>5675</b>	<b>5456</b>	<b>5402</b>	<b>5225</b>	<b>5668</b>
<i>-Non-Generating Public Entities-</i>														
3 <i>Small &amp; Non Generating Public Entities</i>	5733	5495	5066	5755	6069	6257	6264	6071	5728	5328	5198	5148	5278	5682
4 <b>Total Non-Generating Public Entities</b>	<b>5733</b>	<b>5495</b>	<b>5066</b>	<b>5755</b>	<b>6069</b>	<b>6257</b>	<b>6264</b>	<b>6071</b>	<b>5728</b>	<b>5328</b>	<b>5198</b>	<b>5148</b>	<b>5278</b>	<b>5682</b>
<i>-Investor-Owned Entities-</i>														
5 <i>Investor-Owned Entities</i>	5771	5566	5700	5722	5660	5737	5972	5757	5644	5471	5468	3616	5597	5768
6 <b>Total Investor-owned Entities</b>	<b>5771</b>	<b>5566</b>	<b>5700</b>	<b>5722</b>	<b>5660</b>	<b>5737</b>	<b>5972</b>	<b>5757</b>	<b>5644</b>	<b>5471</b>	<b>5468</b>	<b>3616</b>	<b>5597</b>	<b>5768</b>
<i>-Total Dedicated Resources-</i>														
7 <i>Generating Public Entities</i>	6048	5654	5457	5964	6533	6784	6274	6309	6176	5675	5456	5402	5225	5668
8 <i>Non Generating Entities</i>	5733	5495	5066	5755	6069	6257	6264	6071	5728	5328	5198	5148	5278	5682
9 <i>Investor-Owned Entities</i>	5771	5566	5700	5722	5660	5737	5972	5757	5644	5471	5468	3616	5597	5768
10 <b>Regional Total Dedicated Resources</b>	<b>17552</b>	<b>16716</b>	<b>16223</b>	<b>17441</b>	<b>18262</b>	<b>18778</b>	<b>18510</b>	<b>18138</b>	<b>17548</b>	<b>16475</b>	<b>16122</b>	<b>14166</b>	<b>16100</b>	<b>17118</b>

Bonneville Power Administration  
PO Box 3621 Portland, Oregon 97208-3621

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