

Table A-13  
Columbia Storage Power Exchange Purchase (CSPE)  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System







Table A-14  
Supplemental & Entitlement Capacity  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System









Table A-15  
Canadian Entitlement Return For Canada  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System







Table A-16  
Intra Regional Transfers  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-16: Regional Intra-Regional Transfers  
PNW Loads and Resources Study  
2003 - 2004 Operating Year  
2002 White Book**

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Intra-Regional Transfers-</b>															
1 AVWP To BPA WP3Set	0	0	64	64	64	64	64	64	64	64	64	0	64	0	48
2 AVWP To PGE CapS	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
3 AVWP To PPL PwrS	38	38	19	0	0	0	0	0	0	0	0	0	0	0	4.8
4 AVWP To PPL S/Pwr/X	13	13	6	0	0	0	0	0	0	0	0	0	0	0	1.6
5 BPA To AVWP WP3Set	0	0	0	0	116	116	116	116	57	57	57	0	0	0	48
6 BPA To EMPD ChPS	1.4	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0.2
7 BPA To EWEB PwrS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8 BPA To Other Entities	1397	1392	739	254	254	254	54	54	54	3.5	3.5	3.5	3.5	54	260
9 BPA To PGE PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34	94
11 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	35	34	5.7
13 BPA To PPL CapS	240	241	253	238	298	245	276	251	231	226	225	218	227	159	238
14 BPA To PSE WP3Set	0	0	0	0	116	116	116	116	57	57	57	0	0	0	48
15 BPA To TPU PwrX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CHPD To PGE C/N/X	18	18	18	18	0	0	0	0	0	0	0	0	18	17	7.4
17 DOPD To PGE PwrS	12	12	5.7	7.2	5.2	5.3	12	12	11	14	14	20	15	18	11
18 FPLEV To PGE PwrS	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
19 GCPD To PPL PwrS	13	13	9.9	7.9	6.6	8.2	8.6	7.4	7.8	10	10	13	14	14	10.0
20 IPC To NWE S/Pwr/X	0	0	0	0	0	50	0	0	0	0	0	0	0	0	4.2
21 IPC To SCL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 MCPD3 To BPA PwrS(a)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 MCPD3 To MCPD1 ARP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NWCP To PSE PwrS	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	2.7
25 NWE To IPC S/Pwr/X	75	75	0	0	0	0	0	0	0	0	0	0	0	0	6.3
26 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11	9.6
27 NWE To PSE PwrS	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
28 Other Entities To AVWP	0	0	0	0	0	0	100	100	100	100	100	100	100	100	58
29 Other Entities To BPA	1492	1492	1495	1467	1466	1467	1253	1253	1253	1003	603	503	503	1253	1184
30 Other Entities To TKPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PGE To AVWP PkRepl	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
32 PGE To CHPD PkRepl	18	18	18	18	0	0	0	0	0	0	0	0	18	17	7.4
33 PGE To CHPD XchgNrg	14	14	14	13	14	13	13	14	0	0	0	0	14	13	10
34 PGE To PPL Cove Repl	2.7	2.7	2.8	2.7	2.8	2.7	2.7	2.9	2.7	2.8	2.8	2.7	2.8	2.7	2.8
35 PKE To SCL PwrS	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
36 POPD To OEWR PwrS	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
37 POPD To SCL PwrS	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
38 PPL To AVWP S/Pwr/X	0	0	0	0	0	13	13	11	0	0	0	0	0	0	3.1
39 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 PPL To BPA PkRepl	240	241	253	238	298	245	276	251	231	226	225	218	227	159	238
41 PPL To BPA S/Pwr/X	0	0	57	57	57	0	0	0	0	0	0	0	0	0	14
42 PPL To FLHD PwrS	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
43 PPL To PSE PwrS	116	116	116	116	0	0	0	0	0	0	0	0	0	0	29
44 PPL To SUB PwrS	34	34	30	30	34	34	30	27	27	27	27	24	24	24	28
45 PPL To YAKA ARP	50	50	51	0	0	0	0	0	0	0	0	0	0	0	8.4
46 PSE To BPA WP3Set	0	0	64	64	64	64	64	64	64	64	64	0	64	0	48
47 SCL To IPC S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 SCL To POPD PwrS	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
49 SCL To TPU S/Pwr/X	0	0	0	50	0	0	0	0	0	0	0	0	0	0	4.2
50 SHPD To PSE PwrS	7.4	7.4	8.3	9.2	12	16	15	14	12	10	10	8.7	7.9	7.3	11
51 SUB To BPA PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 TAUC To AVWP PwrS	188	188	188	188	188	188	0	0	0	0	0	0	0	0	78
53 TPU To BPA PwrX	35	35	35	0	0	0	35	35	35	35	35	35	35	35	26
54 TPU To SCL S/Pwr/X	50	50	0	0	0	0	0	0	0	0	0	0	0	0	4.2
55 UNKMKT To EMPD NrgS	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0.3
<b>56 Total Contracts</b>	<b>4485</b>	<b>4481</b>	<b>3907</b>	<b>3367</b>	<b>3568</b>	<b>3526</b>	<b>3048</b>	<b>2948</b>	<b>2736</b>	<b>2405</b>	<b>2005</b>	<b>1559</b>	<b>1806</b>	<b>2354</b>	<b>2959</b>
<b>-Total Contracts Out-</b>															
57 Federal System	1653	1649	1038	602	946	947	752	683	518	435	435	223	285	282	697
58 Public Entities	252	253	182	197	129	135	176	173	171	175	175	181	195	196	180
59 Investor-Owned Entities	1172	1173	1266	1175	1102	1053	843	814	769	767	767	627	798	599	916
60 Other Entities	1408	1406	1421	1392	1391	1391	1277	1277	1277	1027	627	527	527	1277	1166
<b>61 Total Contracts Out</b>	<b>4485</b>	<b>4481</b>	<b>3907</b>	<b>3367</b>	<b>3568</b>	<b>3526</b>	<b>3048</b>	<b>2948</b>	<b>2736</b>	<b>2405</b>	<b>2005</b>	<b>1559</b>	<b>1806</b>	<b>2354</b>	<b>2959</b>
<b>-Total Contracts In-</b>															
62 Federal System	1778	1778	1980	1903	1958	1847	1700	1675	1655	1403	1003	767	905	1458	1569
63 Public Entities	338	337	269	265	201	200	197	194	180	180	180	177	209	207	218
64 Investor-Owned Entities	1171	1175	986	887	1097	1166	1040	966	788	759	759	553	630	576	885
65 Other Entities	1198	1191	672	312	312	312	112	112	112	62	62	62	62	112	286
<b>66 Total Contracts In</b>	<b>4485</b>	<b>4481</b>	<b>3907</b>	<b>3367</b>	<b>3568</b>	<b>3526</b>	<b>3048</b>	<b>2948</b>	<b>2736</b>	<b>2405</b>	<b>2005</b>	<b>1559</b>	<b>1806</b>	<b>2354</b>	<b>2959</b>

**Table A-16: Regional Intra-Regional Transfers  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Intra-Regional Transfers-</b>															
1 AVWP To BPA WP3Set	0	0	64	64	64	64	64	64	64	64	64	0	64	0	48
2 AVWP To PGE CapS	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
3 AVWP To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA To AVWP WP3Set	0	0	0	0	116	116	116	116	57	57	57	0	0	0	48
5 BPA To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA To PGE PwrS	0	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	94
8 BPA To PPL CapS	184	184	194	183	229	187	211	192	177	173	173	167	174	159	186
9 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	375	34	34
10 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 BPA To PSE WP3Set	0	0	0	0	116	116	116	116	57	57	57	0	0	0	48
12 CHPD To PGE C/N/X	18	18	18	18	0	0	0	0	0	0	0	0	18	17	7.4
13 DOPD To PGE PwrS	12	12	5.7	7.2	5.2	5.3	12	12	11	14	14	20	15	18	11
14 FPLEV To PGE PwrS	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
15 GCPD To PPL PwrS	13	13	9.9	7.9	6.6	8.2	8.6	7.4	7.8	10	10	13	14	14	10.0
16 NWCP To PSE PwrS	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	2.7
17 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11	9.6
18 NWE To PSE PwrS	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
19 Other Entities To AVWP	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20 Other Entities To BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE To AVWP PkRepl	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
22 PGE To CHPD PkRepl	18	18	18	18	0	0	0	0	0	0	0	0	18	17	7.4
23 PGE To CHPD XchgNrg	14	14	14	13	14	13	13	14	0	0	0	0	14	13	10
24 PGE To PPL Cove Repl	2.7	2.7	2.8	2.7	2.8	2.7	2.7	2.9	2.7	2.8	2.8	2.7	2.8	2.7	2.8
25 POPD To OEWR PwrS	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
26 PPL To AVWP S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0	5.7
29 PPL To BPA PkRepl	184	184	194	183	229	187	211	192	177	173	173	167	174	159	186
30 PPL To SUB PwrS	34	34	30	30	34	34	30	27	27	27	27	24	24	24	28
31 PPL To YAKA ARP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PSE To BPA WP3Set	0	0	64	64	64	64	64	64	64	64	64	0	64	0	48
33 SCL To POPD PwrS	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
34 SHPD To PSE PwrS	7.4	7.4	8.3	9.2	12	16	15	14	12	10	10	8.7	7.9	7.3	11
35 SUB To BPA PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TAUC To AVWP PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 TPU To BPA PwrX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>38 Total Contracts</b>	<b>904</b>	<b>906</b>	<b>1091</b>	<b>1135</b>	<b>1475</b>	<b>1429</b>	<b>1454</b>	<b>1366</b>	<b>1175</b>	<b>1147</b>	<b>1146</b>	<b>805</b>	<b>1387</b>	<b>901</b>	<b>1189</b>
<b>-Total Contracts Out-</b>															
39 Federal System	197	197	236	291	621	634	632	569	409	377	377	167	567	226	411
40 Public Entities	158	158	148	149	130	136	142	140	138	142	142	148	162	162	146
41 Investor-Owned Entities	442	443	599	588	616	551	572	550	521	521	520	383	551	405	525
42 Other Entities	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
<b>43 Total Contracts Out</b>	<b>904</b>	<b>906</b>	<b>1091</b>	<b>1135</b>	<b>1475</b>	<b>1429</b>	<b>1454</b>	<b>1366</b>	<b>1175</b>	<b>1147</b>	<b>1146</b>	<b>805</b>	<b>1387</b>	<b>901</b>	<b>1189</b>
<b>-Total Contracts In-</b>															
44 Federal System	195	196	356	345	387	323	347	328	313	312	312	178	314	170	298
45 Public Entities	108	108	104	104	90	89	86	83	69	69	69	66	98	96	88
46 Investor-Owned Entities	539	540	569	624	936	955	959	893	731	703	703	499	913	573	741
47 Other Entities	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
<b>48 Total Contracts In</b>	<b>904</b>	<b>906</b>	<b>1091</b>	<b>1135</b>	<b>1475</b>	<b>1429</b>	<b>1454</b>	<b>1366</b>	<b>1175</b>	<b>1147</b>	<b>1146</b>	<b>805</b>	<b>1387</b>	<b>901</b>	<b>1189</b>

**Table A-16: Regional Intra-Regional Transfers  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Intra-Regional Transfers-</b>															
1 AVWP To BPA WP3Set	0	0	64	64	64	64	64	64	64	64	64	0	64	0	48
2 AVWP To PGE CapS	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
3 BPA To AVWP WP3Set	0	0	0	0	116	116	116	116	57	57	57	0	0	0	48
4 BPA To Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 BPA To PGE PwrS	0	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	0
7 BPA To PPL PwrS	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34	94
8 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	375	34	34
9 BPA To PSE WP3Set	0	0	0	0	116	116	116	116	57	57	57	0	0	0	48
10 DOPD To PGE PwrS	12	12	5.7	7.2	5.2	5.3	12	12	11	14	14	20	15	18	11
11 FPLEV To PGE PwrS	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
12 GCPD To PPL PwrS	13	13	9.9	7.9	6.6	8.2	8.6	7.4	7.8	10	10	13	14	14	10.0
13 NWCP To PSE PwrS	2.7	2.7	2.7	2.7	2.7	2.7	0	0	0	0	0	0	0	0	1.1
14 NWE To MVP PwrS	11	11	11	11	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11	9.6
15 Other Entities To BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 PGE To AVWP PkRepl	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
17 POPD To OEWR PwrS	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
18 PPL To BPA S/Pwr/X	0	0	23	23	23	0	0	0	0	0	0	0	0	0	5.7
19 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PPL To SUB PwrS	34	34	30	30	34	34	30	27	27	27	27	24	24	24	28
21 PPL To YAKA ARP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PSE To BPA WP3Set	0	0	64	64	64	64	64	64	64	64	64	0	64	0	48
23 SUB To BPA PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TAUC To AVWP PwrS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 TPU To BPA PwrX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>26 Total Contracts</b>	<b>244</b>	<b>244</b>	<b>412</b>	<b>477</b>	<b>758</b>	<b>791</b>	<b>765</b>	<b>717</b>	<b>571</b>	<b>554</b>	<b>554</b>	<b>226</b>	<b>743</b>	<b>292</b>	<b>546</b>
<b>-Total Contracts Out-</b>															
27 Federal System	13	13	42	108	392	447	420	377	231	204	204	0.1	393	67	225
28 Public Entities	90	90	80	80	76	78	82	81	81	87	87	94	91	93	85
29 Investor-Owned Entities	134	134	282	282	281	259	255	252	252	256	256	124	252	124	229
30 Other Entities	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
<b>31 Total Contracts Out</b>	<b>244</b>	<b>244</b>	<b>412</b>	<b>477</b>	<b>758</b>	<b>791</b>	<b>765</b>	<b>717</b>	<b>571</b>	<b>554</b>	<b>554</b>	<b>226</b>	<b>743</b>	<b>292</b>	<b>546</b>
<b>-Total Contracts In-</b>															
32 Federal System	11	11	162	162	159	136	136	136	136	140	140	11	140	11	112
33 Public Entities	34	34	30	30	34	34	30	27	27	27	27	24	24	24	28
34 Investor-Owned Entities	137	137	157	223	503	560	537	493	347	325	325	129	518	195	344
35 Other Entities	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
<b>36 Total Contracts In</b>	<b>244</b>	<b>244</b>	<b>412</b>	<b>477</b>	<b>758</b>	<b>791</b>	<b>765</b>	<b>717</b>	<b>571</b>	<b>554</b>	<b>554</b>	<b>226</b>	<b>743</b>	<b>292</b>	<b>546</b>



Table A-17  
Capacity Reserves  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System



**Table A-17: Regional Capacity Reserves  
PNW Loads and Resources Study  
2003 - 2004 Operating Year  
1937 Water Year  
2002 White Book**

Continued

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
61 Grays Harbor PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Okanogan County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Seattle City Light	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Snohomish County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Tacoma Public Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>66 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>0</b>
<b>-Non-Generating Public Entities-</b>															
67 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69 Clallam County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 Clatskanie PUD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71 Consumers Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 Emerald County PUD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73 Energy Northwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 Fall River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Klickitat County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 Mason County PUD #3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Oregon Trail Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Tillamook PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>83 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>0</b>
<b>-Investor-Owned Entities-</b>															
84 Avista Corp (WWP Division)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Idaho Power Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Northwestern Energy LLC (MPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 PacifiCorp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Portland General Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89 Puget Sound Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Trans Alta Utilities Corp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>91 Total Investor-Owned 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>0</b>
<b>-Other Entities-</b>															
92 Avista Energy Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Chehalis Power Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Duke Energy Trading and Marketing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 FPL Energy Vansycle LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Frederickson Power LP,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Hermiston Power Partnership	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Klamath Pacific Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Longview Fibre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Mirant Americas Energy Marketing, L.P.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 PPM Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 SP Newsprint	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>103 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>0</b>
<b>Large Thermal Reserves</b>															
<b>-Federal Entities-</b>															
104 BPA - Power Business	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>105 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>0</b>
<b>-Generating Public Entities-</b>															
106 Turlock Irrigation District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>107 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>0</b>
<b>-Non-Generating Public Entities-</b>															
<b>108 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>0</b>
<b>-Investor-Owned Entities-</b>															
109 Avista Corp (WWP Division)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Idaho Power Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Northwestern Energy LLC (MPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 PacifiCorp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 Portland General Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114 Puget Sound Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 San Diego Gas & Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Trans Alta Utilities Corp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>117 Total Investor-Owned 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>0</b>
<b>-Other Entities-</b>															





**Table A-17: Regional Capacity Reserves  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
1937 Water Year  
2002 White Book**

Continued

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
61 Grays Harbor PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Okanogan County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Seattle City Light	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Snohomish County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Tacoma Public Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>66 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>0</b>
<b>-Non-Generating Public Entities-</b>															
67 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69 Clallam County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 Clatskanie PUD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71 Consumers Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 Emerald County PUD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73 Energy Northwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 Fall River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Klickitat County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 Mason County PUD #3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Oregon Trail Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Tillamook PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>83 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>0</b>
<b>-Investor-Owned Entities-</b>															
84 Avista Corp (WWP Division)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Idaho Power Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Northwestern Energy LLC (MPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 PacifiCorp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Portland General Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89 Puget Sound Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Trans Alta Utilities Corp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>91 Total Investor-Owned 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>0</b>
<b>-Other Entities-</b>															
92 Avista Energy Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Chehalis Power Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Duke Energy Trading and Marketing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 FPL Energy Vansycle LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Frederickson Power LP,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Hermiston Power Partnership	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Klamath Pacific Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Longview Fibre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Mirant Americas Energy Marketing, L.P.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 PPM Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 SP Newsprint	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>103 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>0</b>
<b>Large Thermal Reserves</b>															
<b>-Federal Entities-</b>															
104 BPA - Power Business	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>105 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>0</b>
<b>-Generating Public Entities-</b>															
106 Turlock Irrigation District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>107 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>0</b>
<b>-Non-Generating Public Entities-</b>															
<b>108 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>0</b>
<b>-Investor-Owned Entities-</b>															
109 Avista Corp (WWP Division)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Idaho Power Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Northwestern Energy LLC (MPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 PacifiCorp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 Portland General Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114 Puget Sound Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 San Diego Gas & Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Trans Alta Utilities Corp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>117 Total Investor-Owned 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>0</b>
<b>-Other Entities-</b>															







**Table A-17: Regional Capacity Reserves  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
1937 Water Year  
2002 White Book**

Continued

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
61 Grays Harbor PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Okanogan County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Seattle City Light	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Snohomish County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Tacoma Public Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>66 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>0</b>
<b>-Non-Generating Public Entities-</b>															
67 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68 Benton County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69 Clallam County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 Clatskanie PUD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71 Consumers Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 Emerald County PUD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73 Energy Northwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 Fall River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Franklin County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Klickitat County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 Mason County PUD #3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Oregon Trail Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Tillamook PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>83 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>0</b>
<b>-Investor-Owned Entities-</b>															
84 Avista Corp (WWP Division)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Idaho Power Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Northwestern Energy LLC (MPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 PacifiCorp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Portland General Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89 Puget Sound Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Trans Alta Utilities Corp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>91 Total Investor-Owned 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>0</b>
<b>-Other Entities-</b>															
92 Avista Energy Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Chehalis Power Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Duke Energy Trading and Marketing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 FPL Energy Vansycle LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Frederickson Power LP,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Hermiston Power Partnership	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Klamath Pacific Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Longview Fibre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Mirant Americas Energy Marketing, L.P.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101 PPM Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102 SP Newsprint	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>103 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>0</b>
<b>Large Thermal Reserves</b>															
<b>-Federal Entities-</b>															
104 BPA - Power Business	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>105 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>0</b>
<b>-Generating Public Entities-</b>															
106 Turlock Irrigation District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>107 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>0</b>
<b>-Non-Generating Public Entities-</b>															
<b>108 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>0</b>
<b>-Investor-Owned Entities-</b>															
109 Avista Corp (WWP Division)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 Idaho Power Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111 Northwestern Energy LLC (MPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112 PacifiCorp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113 Portland General Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114 Puget Sound Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115 San Diego Gas & Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 Trans Alta Utilities Corp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>117 Total Investor-Owned 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>0</b>
<b>-Other Entities-</b>															



Table A-18  
Wells & Chelan Allocation  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-18: Wells and Chelan Allocation  
PNW Loads and Resources Study  
2003 - 2004 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Wells-</b>															
1 Wells	591	478	310	391	467	459	359	339	337	340	317	309	452	453	395
<b>2 Wells Before Enc</b>	<b>591</b>	<b>478</b>	<b>310</b>	<b>391</b>	<b>467</b>	<b>459</b>	<b>359</b>	<b>339</b>	<b>337</b>	<b>340</b>	<b>317</b>	<b>309</b>	<b>452</b>	<b>453</b>	<b>395</b>
<b>-Wells-</b>															
3 AVWP Share	20	16	9.9	13	16	15	12	11	11	11	10	9.9	15	15	13
4 DOPD Share	150	119	74	96	116	114	87	82	82	82	76	74	113	112	97
5 OKPD Share	43	34	22	28	34	33	25	24	24	24	22	21	33	32	28
6 PGE Share	115	91	57	73	89	87	67	63	62	63	58	56	86	85	74
7 PPL Share	39	31	19	25	30	30	23	21	21	21	20	19	29	29	25
8 PSE Share	175	139	87	112	136	133	102	96	95	96	89	86	131	131	113
<b>9 Wells After Enc</b>	<b>543</b>	<b>430</b>	<b>269</b>	<b>346</b>	<b>420</b>	<b>412</b>	<b>316</b>	<b>296</b>	<b>294</b>	<b>297</b>	<b>275</b>	<b>267</b>	<b>407</b>	<b>405</b>	<b>350</b>
<b>-Chelan-</b>															
10 Chelan	28	20	17	53	53	52	51	50	50	48	28	5.9	48	54	41
<b>11 Chelan Before Enc</b>	<b>28</b>	<b>20</b>	<b>17</b>	<b>53</b>	<b>53</b>	<b>52</b>	<b>51</b>	<b>50</b>	<b>50</b>	<b>48</b>	<b>28</b>	<b>5.9</b>	<b>48</b>	<b>54</b>	<b>41</b>
<b>-Chelan-</b>															
12 CHPD Share	31	23	20	55	55	55	54	54	54	52	32	9.9	51	57	44
<b>13 Chelan After Enc</b>	<b>31</b>	<b>23</b>	<b>20</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>54</b>	<b>54</b>	<b>54</b>	<b>52</b>	<b>32</b>	<b>9.9</b>	<b>51</b>	<b>57</b>	<b>44</b>

**Table A-18: Wells and Chelan Allocation  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Wells-</b>															
1 Wells	591	478	310	391	467	459	359	339	337	340	317	309	452	453	395
<b>2 Wells Before Enc</b>	<b>591</b>	<b>478</b>	<b>310</b>	<b>391</b>	<b>467</b>	<b>459</b>	<b>359</b>	<b>339</b>	<b>337</b>	<b>340</b>	<b>317</b>	<b>309</b>	<b>452</b>	<b>453</b>	<b>395</b>
<b>-Wells-</b>															
3 AVWP Share	20	16	9.9	13	16	15	12	11	11	11	10	9.9	15	15	13
4 DOPD Share	150	119	74	96	116	114	87	82	82	82	76	74	113	112	97
5 OKPD Share	43	34	22	28	34	33	25	24	24	24	22	21	33	32	28
6 PGE Share	115	91	57	73	89	87	67	63	62	63	58	56	86	85	74
7 PPL Share	39	31	19	25	30	30	23	21	21	21	20	19	29	29	25
8 PSE Share	175	139	87	112	136	133	102	96	95	96	89	86	131	131	113
<b>9 Wells After Enc</b>	<b>543</b>	<b>430</b>	<b>269</b>	<b>346</b>	<b>420</b>	<b>412</b>	<b>316</b>	<b>296</b>	<b>294</b>	<b>297</b>	<b>275</b>	<b>267</b>	<b>407</b>	<b>405</b>	<b>350</b>
<b>-Chelan-</b>															
10 Chelan	28	20	17	53	53	52	51	50	50	48	28	5.9	48	54	41
<b>11 Chelan Before Enc</b>	<b>28</b>	<b>20</b>	<b>17</b>	<b>53</b>	<b>53</b>	<b>52</b>	<b>51</b>	<b>50</b>	<b>50</b>	<b>48</b>	<b>28</b>	<b>5.9</b>	<b>48</b>	<b>54</b>	<b>41</b>
<b>-Chelan-</b>															
12 CHPD Share	31	23	20	55	55	55	54	54	54	52	32	9.9	51	57	44
<b>13 Chelan After Enc</b>	<b>31</b>	<b>23</b>	<b>20</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>54</b>	<b>54</b>	<b>54</b>	<b>52</b>	<b>32</b>	<b>9.9</b>	<b>51</b>	<b>57</b>	<b>44</b>

**Table A-18: Wells and Chelan Allocation  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Wells-</b>															
1 Wells	591	478	310	391	467	459	359	339	337	340	317	309	452	453	395
<b>2 Wells Before Enc</b>	<b>591</b>	<b>478</b>	<b>310</b>	<b>391</b>	<b>467</b>	<b>459</b>	<b>359</b>	<b>339</b>	<b>337</b>	<b>340</b>	<b>317</b>	<b>309</b>	<b>452</b>	<b>453</b>	<b>395</b>
<b>-Wells-</b>															
3 AVWP Share	20	16	9.9	13	16	15	12	11	11	11	10	9.9	15	15	13
4 DOPD Share	150	119	74	96	116	114	87	82	82	82	76	74	113	112	97
5 OKPD Share	43	34	22	28	34	33	25	24	24	24	22	21	33	32	28
6 PGE Share	115	91	57	73	89	87	67	63	62	63	58	56	86	85	74
7 PPL Share	39	31	19	25	30	30	23	21	21	21	20	19	29	29	25
8 PSE Share	175	139	87	112	136	133	102	96	95	96	89	86	131	131	113
<b>9 Wells After Enc</b>	<b>543</b>	<b>430</b>	<b>269</b>	<b>346</b>	<b>420</b>	<b>412</b>	<b>316</b>	<b>296</b>	<b>294</b>	<b>297</b>	<b>275</b>	<b>267</b>	<b>407</b>	<b>405</b>	<b>350</b>
<b>-Chelan-</b>															
10 Chelan	28	20	17	53	53	52	51	50	50	48	28	5.9	48	54	41
<b>11 Chelan Before Enc</b>	<b>28</b>	<b>20</b>	<b>17</b>	<b>53</b>	<b>53</b>	<b>52</b>	<b>51</b>	<b>50</b>	<b>50</b>	<b>48</b>	<b>28</b>	<b>5.9</b>	<b>48</b>	<b>54</b>	<b>41</b>
<b>-Chelan-</b>															
12 CHPD Share	31	23	20	55	55	55	54	54	54	52	31	9.9	51	57	44
<b>13 Chelan After Enc</b>	<b>31</b>	<b>23</b>	<b>20</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>54</b>	<b>54</b>	<b>54</b>	<b>52</b>	<b>31</b>	<b>9.9</b>	<b>51</b>	<b>57</b>	<b>44</b>

Table A-19  
Rocky Reach & Rock Island Allocation  
Monthly OY 2004 – 2013  
Average Energy 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 Resources Study  
2003 - 2004 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Rocky Reach-</b>															
1 Rocky Reach	808	641	403	528	637	628	487	458	459	460	400	378	624	609	531
<b>2 Rocky Reach Before Enc</b>	<b>808</b>	<b>641</b>	<b>403</b>	<b>528</b>	<b>637</b>	<b>628</b>	<b>487</b>	<b>458</b>	<b>459</b>	<b>460</b>	<b>400</b>	<b>378</b>	<b>624</b>	<b>609</b>	<b>531</b>
<b>-Rocky Reach-</b>															
3 AVWP Share	24	19	12	16	19	19	15	14	14	14	12	11	19	18	16
4 CHPD Share	125	100	64	83	99	98	76	72	72	72	63	60	97	95	83
5 CLKM Share	190	152	97	126	151	149	116	109	109	109	96	91	148	144	126
6 DOPD Share	23	18	12	15	18	18	14	13	13	13	12	11	18	17	15
7 PGE Share	99	79	50	66	79	78	60	57	57	57	50	47	77	75	66
8 PPL Share	44	35	22	29	35	34	27	25	25	25	22	21	34	33	29
9 PSE Share	322	257	163	213	255	251	196	185	185	185	162	153	250	244	213
<b>10 Rocky Reach After Enc</b>	<b>827</b>	<b>660</b>	<b>420</b>	<b>547</b>	<b>656</b>	<b>646</b>	<b>504</b>	<b>474</b>	<b>475</b>	<b>476</b>	<b>416</b>	<b>394</b>	<b>642</b>	<b>627</b>	<b>548</b>
<b>-Rock Island PH#1-</b>															
11 Rock Island PH#1	142	148	108	132	148	147	125	119	119	119	119	119	147	148	131
<b>12 Rock Island PH#1 Before Enc</b>	<b>142</b>	<b>148</b>	<b>108</b>	<b>132</b>	<b>148</b>	<b>147</b>	<b>125</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>147</b>	<b>148</b>	<b>131</b>
<b>-Rock Island PH#1-</b>															
13 CHPD Share	87	94	72	85	93	92	81	78	78	80	85	87	95	96	86
14 PSE Share	87	94	72	85	93	92	81	78	78	80	85	87	95	96	86
<b>15 Rock Island PH#1 After Enc</b>	<b>174</b>	<b>187</b>	<b>144</b>	<b>171</b>	<b>185</b>	<b>184</b>	<b>163</b>	<b>156</b>	<b>156</b>	<b>159</b>	<b>171</b>	<b>175</b>	<b>189</b>	<b>193</b>	<b>172</b>
<b>-Rock Island PH#2-</b>															
16 Rock Island PH#2	161	116	75	104	129	127	94	86	86	72	29	18	93	80	90
<b>17 Rock Island PH#2 Before Enc</b>	<b>161</b>	<b>116</b>	<b>75</b>	<b>104</b>	<b>129</b>	<b>127</b>	<b>94</b>	<b>86</b>	<b>86</b>	<b>72</b>	<b>29</b>	<b>18</b>	<b>93</b>	<b>80</b>	<b>90</b>
<b>-Rock Island PH#2-</b>															
18 CHPD Share	79	58	40	53	65	64	49	45	45	39	17	11	48	52	47
19 PSE Share	118	88	60	80	97	96	73	68	68	58	25	16	72	52	69
<b>20 Rock Island PH#2 After Enc</b>	<b>197</b>	<b>146</b>	<b>101</b>	<b>134</b>	<b>162</b>	<b>159</b>	<b>122</b>	<b>113</b>	<b>113</b>	<b>96</b>	<b>42</b>	<b>27</b>	<b>120</b>	<b>104</b>	<b>116</b>



**Table A-19: Rocky Reach and Rock Island Allocation  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Rocky Reach-</b>															
1 Rocky Reach	808	641	403	528	637	628	487	458	459	460	400	378	624	609	531
<b>2 Rocky Reach Before Enc</b>	<b>808</b>	<b>641</b>	<b>403</b>	<b>528</b>	<b>637</b>	<b>628</b>	<b>487</b>	<b>458</b>	<b>459</b>	<b>460</b>	<b>400</b>	<b>378</b>	<b>624</b>	<b>609</b>	<b>531</b>
<b>-Rocky Reach-</b>															
3 AVWP Share	24	19	12	16	19	19	15	14	14	14	12	11	19	18	16
4 CHPD Share	125	100	64	83	99	98	76	72	72	72	63	60	97	95	83
5 CLKM Share	190	152	97	126	151	149	116	109	109	109	96	91	148	144	126
6 DOPD Share	23	18	12	15	18	18	14	13	13	13	12	11	18	17	15
7 PGE Share	99	79	50	66	79	78	60	57	57	57	50	47	77	75	66
8 PPL Share	44	35	22	29	35	34	27	25	25	25	22	21	34	33	29
9 PSE Share	322	257	163	213	255	251	196	185	185	185	162	153	250	244	213
<b>10 Rocky Reach After Enc</b>	<b>827</b>	<b>660</b>	<b>420</b>	<b>547</b>	<b>656</b>	<b>646</b>	<b>504</b>	<b>474</b>	<b>475</b>	<b>476</b>	<b>416</b>	<b>394</b>	<b>642</b>	<b>627</b>	<b>548</b>
<b>-Rock Island PH#1-</b>															
11 Rock Island PH#1	142	148	108	132	148	147	125	119	119	119	119	119	147	148	131
<b>12 Rock Island PH#1 Before Enc</b>	<b>142</b>	<b>148</b>	<b>108</b>	<b>132</b>	<b>148</b>	<b>147</b>	<b>125</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>147</b>	<b>148</b>	<b>131</b>
<b>-Rock Island PH#1-</b>															
13 CHPD Share	87	94	72	85	93	92	81	78	78	80	85	87	95	96	86
14 PSE Share	87	94	72	85	93	92	81	78	78	80	85	87	95	96	86
<b>15 Rock Island PH#1 After Enc</b>	<b>174</b>	<b>187</b>	<b>144</b>	<b>171</b>	<b>185</b>	<b>184</b>	<b>163</b>	<b>156</b>	<b>156</b>	<b>159</b>	<b>171</b>	<b>175</b>	<b>189</b>	<b>193</b>	<b>172</b>
<b>-Rock Island PH#2-</b>															
16 Rock Island PH#2	161	116	75	104	129	127	94	86	86	72	29	18	93	80	90
<b>17 Rock Island PH#2 Before Enc</b>	<b>161</b>	<b>116</b>	<b>75</b>	<b>104</b>	<b>129</b>	<b>127</b>	<b>94</b>	<b>86</b>	<b>86</b>	<b>72</b>	<b>29</b>	<b>18</b>	<b>93</b>	<b>80</b>	<b>90</b>
<b>-Rock Island PH#2-</b>															
18 CHPD Share	99	73	50	67	81	80	61	57	57	48	21	13	60	52	58
19 PSE Share	99	73	50	67	81	80	61	57	57	48	21	13	60	52	58
<b>20 Rock Island PH#2 After Enc</b>	<b>197</b>	<b>146</b>	<b>101</b>	<b>134</b>	<b>162</b>	<b>159</b>	<b>122</b>	<b>113</b>	<b>113</b>	<b>96</b>	<b>42</b>	<b>27</b>	<b>120</b>	<b>104</b>	<b>116</b>

**Table A-19: Rocky Reach and Rock Island Allocation  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Rocky Reach-</b>															
1 Rocky Reach	808	641	403	528	637	628	487	458	459	460	400	378	624	609	531
<b>2 Rocky Reach Before Enc</b>	<b>808</b>	<b>641</b>	<b>403</b>	<b>528</b>	<b>637</b>	<b>628</b>	<b>487</b>	<b>458</b>	<b>459</b>	<b>460</b>	<b>400</b>	<b>378</b>	<b>624</b>	<b>609</b>	<b>531</b>
<b>-Rocky Reach-</b>															
3 AVWP Share	24	19	12	16	19	19	15	14	14	14	12	11	19	18	16
4 CHPD Share	125	100	64	83	99	98	76	72	72	72	63	60	97	95	83
5 CLKM Share	190	152	97	126	151	149	116	109	109	109	96	91	148	144	126
6 DOPD Share	23	18	12	15	18	18	14	13	13	13	12	11	18	17	15
7 PGE Share	99	79	50	66	79	78	60	57	57	57	50	47	77	75	66
8 PPL Share	44	35	22	29	35	34	27	25	25	25	22	21	34	33	29
9 PSE Share	322	257	163	213	255	251	196	185	185	185	162	153	250	244	213
<b>10 Rocky Reach After Enc</b>	<b>827</b>	<b>660</b>	<b>420</b>	<b>547</b>	<b>656</b>	<b>646</b>	<b>504</b>	<b>474</b>	<b>475</b>	<b>476</b>	<b>416</b>	<b>394</b>	<b>642</b>	<b>627</b>	<b>548</b>
<b>-Rock Island PH#1-</b>															
11 Rock Island PH#1	142	148	108	132	148	147	125	119	119	119	119	119	147	148	131
<b>12 Rock Island PH#1 Before Enc</b>	<b>142</b>	<b>148</b>	<b>108</b>	<b>132</b>	<b>148</b>	<b>147</b>	<b>125</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>147</b>	<b>148</b>	<b>131</b>
<b>-Rock Island PH#1-</b>															
13 CHPD Share	87	94	72	85	93	92	81	78	78	80	85	87	95	96	86
14 PSE Share	87	94	72	85	93	92	81	78	78	80	85	87	95	96	86
<b>15 Rock Island PH#1 After Enc</b>	<b>174</b>	<b>187</b>	<b>144</b>	<b>171</b>	<b>185</b>	<b>184</b>	<b>163</b>	<b>156</b>	<b>156</b>	<b>159</b>	<b>171</b>	<b>175</b>	<b>189</b>	<b>193</b>	<b>172</b>
<b>-Rock Island PH#2-</b>															
16 Rock Island PH#2	161	116	75	104	129	127	94	86	86	72	29	18	93	80	90
<b>17 Rock Island PH#2 Before Enc</b>	<b>161</b>	<b>116</b>	<b>75</b>	<b>104</b>	<b>129</b>	<b>127</b>	<b>94</b>	<b>86</b>	<b>86</b>	<b>72</b>	<b>29</b>	<b>18</b>	<b>93</b>	<b>80</b>	<b>90</b>
<b>-Rock Island PH#2-</b>															
18 CHPD Share	99	73	50	67	81	80	61	57	57	48	21	13	60	52	58
19 PSE Share	99	73	50	67	81	80	61	57	57	48	21	13	60	52	58
<b>20 Rock Island PH#2 After Enc</b>	<b>197</b>	<b>146</b>	<b>101</b>	<b>134</b>	<b>162</b>	<b>159</b>	<b>122</b>	<b>113</b>	<b>113</b>	<b>96</b>	<b>42</b>	<b>27</b>	<b>120</b>	<b>104</b>	<b>116</b>

Table A-20  
Wanapum & Priest Rapids Allocation  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-20: Wanapum and Priest Rapids Allocation  
PNW Loads and Resources Study  
2003 - 2004 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Wanapum-</b>															
1 Wanapum	558	424	357	471	571	562	430	402	402	298	298	298	468	448	433
<b>2 Wanapum Before Enc</b>	<b>558</b>	<b>424</b>	<b>357</b>	<b>471</b>	<b>571</b>	<b>562</b>	<b>430</b>	<b>402</b>	<b>402</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>468</b>	<b>448</b>	<b>433</b>
<b>-Wanapum-</b>															
3 AVWP Share	40	29	24	33	41	40	29	27	27	19	19	19	32	31	30
4 COPD Share	13	9.5	7.8	11	13	13	9.7	9.0	9.0	6.2	6.2	6.2	11	10	9.8
5 EWEB Share	11	8.1	6.7	9.2	11	11	8.3	7.7	7.7	5.3	5.3	5.3	9.1	8.6	8.3
6 FGRV Share	3.4	2.5	2	2.8	3.5	3.4	2.5	2.3	2.3	1.6	1.6	1.6	2.8	2.6	2.5
7 GCPD Share	177	128	106	145	181	178	131	121	121	84	84	83	144	137	132
8 MCMN Share	3.4	2.5	2	2.8	3.5	3.4	2.5	2.3	2.3	1.6	1.6	1.6	2.8	2.6	2.5
9 MTFR Share	3.4	2.5	2	2.8	3.5	3.4	2.5	2.3	2.3	1.6	1.6	1.6	2.8	2.6	2.5
10 PGE Share	90	66	54	74	93	91	67	62	62	43	43	43	74	70	68
11 PPL Share	90	66	54	74	93	91	67	62	62	43	43	43	74	70	68
12 PSE Share	52	38	31	43	54	53	39	36	36	25	25	25	43	41	39
<b>13 Wanapum After Enc</b>	<b>484</b>	<b>351</b>	<b>290</b>	<b>398</b>	<b>497</b>	<b>488</b>	<b>359</b>	<b>333</b>	<b>333</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>395</b>	<b>375</b>	<b>362</b>
<b>-Priest Rapids-</b>															
14 Priest Rapids	401	318	362	468	557	550	431	404	404	70	70	70	229	334	353
<b>15 Priest Rapids Before Enc</b>	<b>401</b>	<b>318</b>	<b>362</b>	<b>468</b>	<b>557</b>	<b>550</b>	<b>431</b>	<b>404</b>	<b>404</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>229</b>	<b>334</b>	<b>353</b>
<b>-Priest Rapids-</b>															
16 AVWP Share	23	18	21	28	33	33	25	24	24	3.3	3.3	3.3	13	19	21
17 COPD Share	7.7	6	6.9	9	11	11	8.3	7.8	7.8	1.1	1.1	1.1	4.2	6.3	6.7
18 EWEB Share	6.5	5.1	5.9	7.7	9.2	9.1	7.1	6.6	6.6	0.9	0.9	0.9	3.6	5.4	5.7
19 FGRV Share	1.9	1.5	1.7	2.3	2.7	2.7	2.1	1.9	1.9	0.3	0.3	0.3	1.1	1.6	1.7
20 GCPD Share	140	110	127	165	197	195	152	142	142	20	20	20	77	116	123
21 KITT Share	1.5	1.2	1.4	1.8	2.2	2.1	1.7	1.6	1.6	0.2	0.2	0.2	0.8	1.3	1.3
22 MCMN Share	1.9	1.5	1.7	2.3	2.7	2.7	2.1	1.9	1.9	0.3	0.3	0.3	1.1	1.6	1.7
23 MTFR Share	1.9	1.5	1.7	2.3	2.7	2.7	2.1	1.9	1.9	0.3	0.3	0.3	1.1	1.6	1.7
24 PGE Share	53	42	48	63	75	74	58	54	54	7.6	7.6	7.6	29	44	47
25 PPL Share	53	42	48	63	75	74	58	54	54	7.6	7.6	7.6	29	44	47
26 PSE Share	31	24	28	36	43	43	33	31	31	4.4	4.4	4.4	17	25	27
27 SCL Share	31	24	28	36	43	43	33	31	31	4.4	4.4	4.4	17	25	27
28 TPU Share	31	24	28	36	43	43	33	31	31	4.4	4.4	4.4	17	25	27
<b>29 Priest Rapids After Enc</b>	<b>385</b>	<b>301</b>	<b>347</b>	<b>452</b>	<b>541</b>	<b>533</b>	<b>416</b>	<b>389</b>	<b>389</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>212</b>	<b>317</b>	<b>337</b>

**Table A-20: Wanapum and Priest Rapids Allocation  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
1937 Water Year  
2002 White Book**

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Wanapum-</b>															
1 Wanapum	558	424	357	471	571	562	430	402	402	298	298	298	468	448	433
<b>2 Wanapum Before Enc</b>	<b>558</b>	<b>424</b>	<b>357</b>	<b>471</b>	<b>571</b>	<b>562</b>	<b>430</b>	<b>402</b>	<b>402</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>468</b>	<b>448</b>	<b>433</b>
<b>-Wanapum-</b>															
3 AVWP Share	40	29	24	33	41	40	29	27	27	19	19	19	32	31	30
4 COPD Share	13	9.5	7.8	11	13	13	9.7	9.0	9.0	6.2	6.2	6.2	11	10	9.8
5 EWEB Share	11	8.1	6.7	9.2	11	11	8.3	7.7	7.7	5.3	5.3	5.3	9.1	8.6	8.3
6 FGRV Share	3.4	2.5	2	2.8	3.5	3.4	2.5	2.3	2.3	1.6	1.6	1.6	2.8	2.6	2.5
7 GCPD Share	177	128	106	145	181	178	131	121	121	84	84	83	144	137	132
8 MCMN Share	3.4	2.5	2	2.8	3.5	3.4	2.5	2.3	2.3	1.6	1.6	1.6	2.8	2.6	2.5
9 MTFR Share	3.4	2.5	2	2.8	3.5	3.4	2.5	2.3	2.3	1.6	1.6	1.6	2.8	2.6	2.5
10 PGE Share	90	66	54	74	93	91	67	62	62	43	43	43	74	70	68
11 PPL Share	90	66	54	74	93	91	67	62	62	43	43	43	74	70	68
12 PSE Share	52	38	31	43	54	53	39	36	36	25	25	25	43	41	39
<b>13 Wanapum After Enc</b>	<b>484</b>	<b>351</b>	<b>290</b>	<b>398</b>	<b>497</b>	<b>488</b>	<b>359</b>	<b>333</b>	<b>333</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>395</b>	<b>375</b>	<b>362</b>
<b>-Priest Rapids-</b>															
14 Priest Rapids	401	318	362	468	557	550	431	404	404	70	70	70	229	334	353
<b>15 Priest Rapids Before Enc</b>	<b>401</b>	<b>318</b>	<b>362</b>	<b>468</b>	<b>557</b>	<b>550</b>	<b>431</b>	<b>404</b>	<b>404</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>229</b>	<b>334</b>	<b>353</b>
<b>-Priest Rapids-</b>															
16 AVWP Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COPD Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 EWEB Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 FGRV Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 GCPD Share	385	301	347	452	541	533	416	389	389	55	55	55	212	317	337
21 KITT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 MCMN Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 MTFR Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PGE Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SCL Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 TPU Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>29 Priest Rapids After Enc</b>	<b>385</b>	<b>301</b>	<b>347</b>	<b>452</b>	<b>541</b>	<b>533</b>	<b>416</b>	<b>389</b>	<b>389</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>212</b>	<b>317</b>	<b>337</b>

**Table A-20: Wanapum and Priest Rapids Allocation  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Wanapum-</b>															
1 Wanapum	558	424	357	471	571	562	430	402	402	298	298	298	468	448	433
<b>2 Wanapum Before Enc</b>	<b>558</b>	<b>424</b>	<b>357</b>	<b>471</b>	<b>571</b>	<b>562</b>	<b>430</b>	<b>402</b>	<b>402</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>468</b>	<b>448</b>	<b>433</b>
<b>-Wanapum-</b>															
3 AVWP Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COPD Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EWEB Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 FGRV Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GCPD Share	484	351	290	398	497	488	359	333	333	229	229	229	395	375	362
8 MCMN Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 MTFR Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PGE Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PPL Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PSE Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>13 Wanapum After Enc</b>	<b>484</b>	<b>351</b>	<b>290</b>	<b>398</b>	<b>497</b>	<b>488</b>	<b>359</b>	<b>333</b>	<b>333</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>395</b>	<b>375</b>	<b>362</b>
<b>-Priest Rapids-</b>															
14 Priest Rapids	401	318	362	468	557	550	431	404	404	70	70	70	229	334	353
<b>15 Priest Rapids Before Enc</b>	<b>401</b>	<b>318</b>	<b>362</b>	<b>468</b>	<b>557</b>	<b>550</b>	<b>431</b>	<b>404</b>	<b>404</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>229</b>	<b>334</b>	<b>353</b>
<b>-Priest Rapids-</b>															
16 AVWP Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COPD Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 EWEB Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 FGRV Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 GCPD Share	385	301	347	452	541	533	416	389	389	55	55	55	212	317	337
21 KITT Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 MCMN Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 MTFR Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PGE Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 PPL Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PSE Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SCL Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 TPU Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>29 Priest Rapids After Enc</b>	<b>385</b>	<b>301</b>	<b>347</b>	<b>452</b>	<b>541</b>	<b>533</b>	<b>416</b>	<b>389</b>	<b>389</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>212</b>	<b>317</b>	<b>337</b>

Table A-21  
Swift #1 and Swift #2 Allocation  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-21: Swift #1 and Swift #2 Allocation  
PNW Loads and Resources Study  
2003 - 2004 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Swift 1-</b>															
1 Swift 1	31	27	24	34	131	74	72	26	45	154	14	19	152	47	61
<b>2 Swift 1 Before Enc</b>	<b>31</b>	<b>27</b>	<b>24</b>	<b>34</b>	<b>131</b>	<b>74</b>	<b>72</b>	<b>26</b>	<b>45</b>	<b>154</b>	<b>14</b>	<b>19</b>	<b>152</b>	<b>47</b>	<b>61</b>
<b>-Swift 1-</b>															
3 COPD Share	8.2	6.9	6.3	8.8	34	19	19	6.7	12	40	3.6	5	40	12	16
4 PPL Share	23	20	18	25	97	55	53	19	33	114	10	14	113	35	46
<b>5 Swift 1 After Enc</b>	<b>31</b>	<b>27</b>	<b>24</b>	<b>34</b>	<b>131</b>	<b>74</b>	<b>72</b>	<b>26</b>	<b>45</b>	<b>154</b>	<b>14</b>	<b>19</b>	<b>152</b>	<b>47</b>	<b>61</b>
<b>-Swift 2-</b>															
6 Swift 2	8.6	7.3	6.8	9.8	42	27	32	12	20	69	5.9	7	46	13	22
<b>7 Swift 2 Before Enc</b>	<b>8.6</b>	<b>7.3</b>	<b>6.8</b>	<b>9.8</b>	<b>42</b>	<b>27</b>	<b>32</b>	<b>12</b>	<b>20</b>	<b>69</b>	<b>5.9</b>	<b>7</b>	<b>46</b>	<b>13</b>	<b>22</b>
<b>-Swift 2-</b>															
8 COPD Share	2.2	1.9	1.8	2.5	11	6.9	8.2	3.2	5.3	18	1.5	1.8	12	3.5	5.7
9 PPL Share	6.4	5.4	5	7.3	31	20	23	9.1	15	51	4.4	5.2	34	9.9	16
<b>10 Swift 2 After Enc</b>	<b>8.6</b>	<b>7.3</b>	<b>6.8</b>	<b>9.8</b>	<b>42</b>	<b>27</b>	<b>32</b>	<b>12</b>	<b>20</b>	<b>69</b>	<b>5.9</b>	<b>7</b>	<b>46</b>	<b>13</b>	<b>22</b>



**Table A-21: Swift #1 and Swift #2 Allocation  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Swift 1-</b>															
1 Swift 1	31	27	24	34	131	74	72	26	45	154	14	19	152	47	61
2 Swift 1 Before Enc	31	27	24	34	131	74	72	26	45	154	14	19	152	47	61
<b>-Swift 1-</b>															
3 COPD Share	8.2	6.9	6.3	8.8	34	19	19	6.7	12	40	3.6	5	40	12	16
4 PPL Share	23	20	18	25	97	55	53	19	33	114	10	14	113	35	46
5 Swift 1 After Enc	31	27	24	34	131	74	72	26	45	154	14	19	152	47	61
<b>-Swift 2-</b>															
6 Swift 2	8.6	7.3	6.8	9.8	42	27	32	12	20	69	5.9	7	46	13	22
7 Swift 2 Before Enc	8.6	7.3	6.8	9.8	42	27	32	12	20	69	5.9	7	46	13	22
<b>-Swift 2-</b>															
8 COPD Share	2.2	1.9	1.8	2.5	11	6.9	8.2	3.2	5.3	18	1.5	1.8	12	3.5	5.7
9 PPL Share	6.4	5.4	5	7.3	31	20	23	9.1	15	51	4.4	5.2	34	9.9	16
10 Swift 2 After Enc	8.6	7.3	6.8	9.8	42	27	32	12	20	69	5.9	7	46	13	22

**Table A-21: Swift #1 and Swift #2 Allocation  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Swift 1-</b>															
1 Swift 1	31	27	24	34	131	74	72	26	45	154	14	19	152	47	61
<b>2 Swift 1 Before Enc</b>	<b>31</b>	<b>27</b>	<b>24</b>	<b>34</b>	<b>131</b>	<b>74</b>	<b>72</b>	<b>26</b>	<b>45</b>	<b>154</b>	<b>14</b>	<b>19</b>	<b>152</b>	<b>47</b>	<b>61</b>
<b>-Swift 1-</b>															
3 COPD Share	8.2	6.9	6.3	8.8	34	19	19	6.7	12	40	3.6	5	40	12	16
4 PPL Share	23	20	18	25	97	55	53	19	33	114	10	14	113	35	46
<b>5 Swift 1 After Enc</b>	<b>31</b>	<b>27</b>	<b>24</b>	<b>34</b>	<b>131</b>	<b>74</b>	<b>72</b>	<b>26</b>	<b>45</b>	<b>154</b>	<b>14</b>	<b>19</b>	<b>152</b>	<b>47</b>	<b>61</b>
<b>-Swift 2-</b>															
6 Swift 2	8.6	7.3	6.8	9.8	42	27	32	12	20	69	5.9	7	46	13	22
<b>7 Swift 2 Before Enc</b>	<b>8.6</b>	<b>7.3</b>	<b>6.8</b>	<b>9.8</b>	<b>42</b>	<b>27</b>	<b>32</b>	<b>12</b>	<b>20</b>	<b>69</b>	<b>5.9</b>	<b>7</b>	<b>46</b>	<b>13</b>	<b>22</b>
<b>-Swift 2-</b>															
8 COPD Share	2.2	1.9	1.8	2.5	11	6.9	8.2	3.2	5.3	18	1.5	1.8	12	3.5	5.7
9 PPL Share	6.4	5.4	5	7.3	31	20	23	9.1	15	51	4.4	5.2	34	9.9	16
<b>10 Swift 2 After Enc</b>	<b>8.6</b>	<b>7.3</b>	<b>6.8</b>	<b>9.8</b>	<b>42</b>	<b>27</b>	<b>32</b>	<b>12</b>	<b>20</b>	<b>69</b>	<b>5.9</b>	<b>7</b>	<b>46</b>	<b>13</b>	<b>22</b>

Table A-22  
BPA Power Sales Contracts  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-22: BPA Power Sale Contracts  
PNW Loads and Resources Study  
2003 - 2004 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Federal Entities-</b>															
1 Federal Entities	103	103	96	103	124	139	141	130	123	110	109	107	113	111	117
<b>2 Total Federal Entities</b>	<b>103</b>	<b>103</b>	<b>96</b>	<b>103</b>	<b>124</b>	<b>139</b>	<b>141</b>	<b>130</b>	<b>123</b>	<b>110</b>	<b>109</b>	<b>107</b>	<b>113</b>	<b>111</b>	<b>117</b>
<b>-U.S. Bureau of Reclamation-</b>															
3 U.S. Bureau of Reclamation	278	278	193	97	24	15	15	13	37	214	214	271	288	329	148
<b>4 Total U.S. Bureau of Reclamation</b>	<b>278</b>	<b>278</b>	<b>193</b>	<b>97</b>	<b>24</b>	<b>15</b>	<b>15</b>	<b>13</b>	<b>37</b>	<b>214</b>	<b>214</b>	<b>271</b>	<b>288</b>	<b>329</b>	<b>148</b>
<b>-Direct Service Industry-</b>															
5 Direct Service Industry	31	31	31	762	762	762	762	762	762	762	762	762	762	762	640
<b>6 Total Direct Service Industry</b>	<b>31</b>	<b>31</b>	<b>31</b>	<b>762</b>	<b>762</b>	<b>762</b>	<b>762</b>	<b>762</b>	<b>762</b>	<b>762</b>	<b>762</b>	<b>762</b>	<b>762</b>	<b>762</b>	<b>640</b>
<b>-Generating Public Entities-</b>															
7 Generating Public Entities	1785	1785	1857	1950	2315	2616	2631	2557	2396	2138	2132	2036	1781	1792	2154
<b>8 Total Generating Public Entities</b>	<b>1785</b>	<b>1785</b>	<b>1857</b>	<b>1950</b>	<b>2315</b>	<b>2616</b>	<b>2631</b>	<b>2557</b>	<b>2396</b>	<b>2138</b>	<b>2132</b>	<b>2036</b>	<b>1781</b>	<b>1792</b>	<b>2154</b>
<b>-Generating Public Entities (Slice)-</b>															
9 Generating Public Entities (Slice)	1396	1072	830	1006	1099	1108	906	864	943	895	867	1008	1175	1197	1021
<b>10 Total Generating Public Entities (Slice)</b>	<b>1396</b>	<b>1072</b>	<b>830</b>	<b>1006</b>	<b>1099</b>	<b>1108</b>	<b>906</b>	<b>864</b>	<b>943</b>	<b>895</b>	<b>867</b>	<b>1008</b>	<b>1175</b>	<b>1197</b>	<b>1021</b>
<b>-Non-Generating Public Entities-</b>															
11 Non-Generating Public Entities	2494	2493	2306	2433	2775	3134	3218	3049	2699	2609	2603	2514	2570	2625	2702
<b>12 Total Non-Generating Public Entities</b>	<b>2494</b>	<b>2493</b>	<b>2306</b>	<b>2433</b>	<b>2775</b>	<b>3134</b>	<b>3218</b>	<b>3049</b>	<b>2699</b>	<b>2609</b>	<b>2603</b>	<b>2514</b>	<b>2570</b>	<b>2625</b>	<b>2702</b>
<b>-Non-Generating Public Entities (Slice)-</b>															
13 Non-Generating Public Entities (Slice)	838	644	498	604	660	665	544	519	566	538	520	605	706	719	613
<b>14 Total Non-Generating Public Entities (Slice)</b>	<b>838</b>	<b>644</b>	<b>498</b>	<b>604</b>	<b>660</b>	<b>665</b>	<b>544</b>	<b>519</b>	<b>566</b>	<b>538</b>	<b>520</b>	<b>605</b>	<b>706</b>	<b>719</b>	<b>613</b>
<b>-Investor-Owned Entities-</b>															
15 Investor-Owned Entities	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382
<b>16 Total Investor-Owned Entities</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>	<b>382</b>
<b>-Other Entities-</b>															
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>18 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>0</b>
<b>-Power Sales Contracts-</b>															
19 Federal Entities	103	103	96	103	124	139	141	130	123	110	109	107	113	111	117
20 U.S. Bureau of Reclamation	278	278	193	97	24	15	15	13	37	214	214	271	288	329	148
21 Direct Service Industry	31	31	31	762	762	762	762	762	762	762	762	762	762	762	640
22 Generating Public Entities	3182	2857	2687	2955	3414	3724	3538	3422	3339	3033	2999	3044	2956	2989	3175
23 Non-Generating Public Entities	3332	3136	2804	3037	3435	3799	3763	3568	3265	3147	3124	3119	3276	3344	3315
24 Investor-Owned Entities	382	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	0
<b>26 Total Power Sales Contracts</b>	<b>7308</b>	<b>6788</b>	<b>6193</b>	<b>7336</b>	<b>8141</b>	<b>8821</b>	<b>8600</b>	<b>8276</b>	<b>7908</b>	<b>7648</b>	<b>7590</b>	<b>7685</b>	<b>7777</b>	<b>7917</b>	<b>7777</b>

**Table A-22: BPA Power Sale Contracts  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Federal Entities-</b>															
1 Federal Entities	110	110	103	105	127	142	144	133	126	112	111	109	115	114	120
<b>2 Total Federal Entities</b>	<b>110</b>	<b>110</b>	<b>103</b>	<b>105</b>	<b>127</b>	<b>142</b>	<b>144</b>	<b>133</b>	<b>126</b>	<b>112</b>	<b>111</b>	<b>109</b>	<b>115</b>	<b>114</b>	<b>120</b>
<b>-U.S. Bureau of Reclamation-</b>															
3 U.S. Bureau of Reclamation	278	278	193	97	24	15	15	13	37	214	214	271	288	329	148
<b>4 Total U.S. Bureau of Reclamation</b>	<b>278</b>	<b>278</b>	<b>193</b>	<b>97</b>	<b>24</b>	<b>15</b>	<b>15</b>	<b>13</b>	<b>37</b>	<b>214</b>	<b>214</b>	<b>271</b>	<b>288</b>	<b>329</b>	<b>148</b>
<b>-Direct Service Industry-</b>															
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>6 Total Direct Service Industry</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>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>															
7 Generating Public Entities	2072	2072	2213	2331	2723	3041	3042	2962	2759	2397	2390	2196	1920	2013	2472
<b>8 Total Generating Public Entities</b>	<b>2072</b>	<b>2072</b>	<b>2213</b>	<b>2331</b>	<b>2723</b>	<b>3041</b>	<b>3042</b>	<b>2962</b>	<b>2759</b>	<b>2397</b>	<b>2390</b>	<b>2196</b>	<b>1920</b>	<b>2013</b>	<b>2472</b>
<b>-Generating Public Entities (Slice)-</b>															
9 Generating Public Entities (Slice)	1421	1093	848	1027	1124	1132	927	884	961	914	879	1018	1194	1218	1040
<b>10 Total Generating Public Entities (Slice)</b>	<b>1421</b>	<b>1093</b>	<b>848</b>	<b>1027</b>	<b>1124</b>	<b>1132</b>	<b>927</b>	<b>884</b>	<b>961</b>	<b>914</b>	<b>879</b>	<b>1018</b>	<b>1194</b>	<b>1218</b>	<b>1040</b>
<b>-Non-Generating Public Entities-</b>															
11 Non-Generating Public Entities	2919	2919	2669	2711	3100	3433	3565	3387	2986	2904	2896	2821	2903	2959	3030
<b>12 Total Non-Generating Public Entities</b>	<b>2919</b>	<b>2919</b>	<b>2669</b>	<b>2711</b>	<b>3100</b>	<b>3433</b>	<b>3565</b>	<b>3387</b>	<b>2986</b>	<b>2904</b>	<b>2896</b>	<b>2821</b>	<b>2903</b>	<b>2959</b>	<b>3030</b>
<b>-Non-Generating Public Entities (Slice)-</b>															
13 Non-Generating Public Entities (Slice)	853	656	509	617	675	680	556	531	577	549	528	611	717	732	625
<b>14 Total Non-Generating Public Entities (Slice)</b>	<b>853</b>	<b>656</b>	<b>509</b>	<b>617</b>	<b>675</b>	<b>680</b>	<b>556</b>	<b>531</b>	<b>577</b>	<b>549</b>	<b>528</b>	<b>611</b>	<b>717</b>	<b>732</b>	<b>625</b>
<b>-Investor-Owned Entities-</b>															
15 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>16 Total Investor-Owned 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>0</b>
<b>-Other Entities-</b>															
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>18 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>0</b>
<b>-Power Sales Contracts-</b>															
19 Federal Entities	110	110	103	105	127	142	144	133	126	112	111	109	115	114	120
20 U.S. Bureau of Reclamation	278	278	193	97	24	15	15	13	37	214	214	271	288	329	148
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	3494	3166	3061	3358	3847	4173	3968	3846	3720	3311	3269	3213	3114	3231	3513
23 Non-Generating Public Entities	3772	3575	3178	3328	3775	4113	4122	3917	3563	3453	3424	3432	3620	3691	3654
24 Investor-Owned Entities	0	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	0
<b>26 Total Power Sales Contracts</b>	<b>7655</b>	<b>7130</b>	<b>6534</b>	<b>6888</b>	<b>7773</b>	<b>8443</b>	<b>8249</b>	<b>7909</b>	<b>7446</b>	<b>7090</b>	<b>7019</b>	<b>7026</b>	<b>7137</b>	<b>7365</b>	<b>7435</b>

**Table A-22: BPA Power Sale Contracts  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Federal Entities-</b>															
1 Federal Entities	113	113	105	107	129	144	146	138	128	114	113	111	117	116	122
<b>2 Total Federal Entities</b>	<b>113</b>	<b>113</b>	<b>105</b>	<b>107</b>	<b>129</b>	<b>144</b>	<b>146</b>	<b>138</b>	<b>128</b>	<b>114</b>	<b>113</b>	<b>111</b>	<b>117</b>	<b>116</b>	<b>122</b>
<b>-U.S. Bureau of Reclamation-</b>															
3 U.S. Bureau of Reclamation	278	278	193	97	24	15	15	13	37	214	214	271	288	329	148
<b>4 Total U.S. Bureau of Reclamation</b>	<b>278</b>	<b>278</b>	<b>193</b>	<b>97</b>	<b>24</b>	<b>15</b>	<b>15</b>	<b>13</b>	<b>37</b>	<b>214</b>	<b>214</b>	<b>271</b>	<b>288</b>	<b>329</b>	<b>148</b>
<b>-Direct Service Industry-</b>															
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>6 Total Direct Service Industry</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>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>															
7 Generating Public Entities	2130	2130	2270	2397	2804	3140	3142	3090	2850	2476	2469	2272	1992	2074	2553
<b>8 Total Generating Public Entities</b>	<b>2130</b>	<b>2130</b>	<b>2270</b>	<b>2397</b>	<b>2804</b>	<b>3140</b>	<b>3142</b>	<b>3090</b>	<b>2850</b>	<b>2476</b>	<b>2469</b>	<b>2272</b>	<b>1992</b>	<b>2074</b>	<b>2553</b>
<b>-Generating Public Entities (Slice)-</b>															
9 Generating Public Entities (Slice)	1436	1105	857	1037	1135	1145	937	893	971	925	887	928	1099	1233	1034
<b>10 Total Generating Public Entities (Slice)</b>	<b>1436</b>	<b>1105</b>	<b>857</b>	<b>1037</b>	<b>1135</b>	<b>1145</b>	<b>937</b>	<b>893</b>	<b>971</b>	<b>925</b>	<b>887</b>	<b>928</b>	<b>1099</b>	<b>1233</b>	<b>1034</b>
<b>-Non-Generating Public Entities-</b>															
11 Non-Generating Public Entities	3151	3151	2874	2908	3314	3698	3803	3688	3202	3096	3088	3030	3131	3193	3257
<b>12 Total Non-Generating Public Entities</b>	<b>3151</b>	<b>3151</b>	<b>2874</b>	<b>2908</b>	<b>3314</b>	<b>3698</b>	<b>3803</b>	<b>3688</b>	<b>3202</b>	<b>3096</b>	<b>3088</b>	<b>3030</b>	<b>3131</b>	<b>3193</b>	<b>3257</b>
<b>-Non-Generating Public Entities (Slice)-</b>															
13 Non-Generating Public Entities (Slice)	862	664	514	623	682	687	562	536	583	555	533	557	660	740	621
<b>14 Total Non-Generating Public Entities (Slice)</b>	<b>862</b>	<b>664</b>	<b>514</b>	<b>623</b>	<b>682</b>	<b>687</b>	<b>562</b>	<b>536</b>	<b>583</b>	<b>555</b>	<b>533</b>	<b>557</b>	<b>660</b>	<b>740</b>	<b>621</b>
<b>-Investor-Owned Entities-</b>															
15 Investor-Owned Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>16 Total Investor-Owned 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>0</b>
<b>-Other Entities-</b>															
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>18 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>0</b>
<b>-Power Sales Contracts-</b>															
19 Federal Entities	113	113	105	107	129	144	146	138	128	114	113	111	117	116	122
20 U.S. Bureau of Reclamation	278	278	193	97	24	15	15	13	37	214	214	271	288	329	148
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	3567	3236	3126	3434	3939	4284	4079	3983	3822	3401	3356	3199	3091	3307	3587
23 Non-Generating Public Entities	4013	3815	3388	3531	3996	4385	4366	4224	3785	3651	3620	3587	3790	3933	3878
24 Investor-Owned Entities	0	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	0
<b>26 Total Power Sales Contracts</b>	<b>7971</b>	<b>7442</b>	<b>6812</b>	<b>7169</b>	<b>8089</b>	<b>8829</b>	<b>8606</b>	<b>8357</b>	<b>7771</b>	<b>7380</b>	<b>7304</b>	<b>7168</b>	<b>7286</b>	<b>7685</b>	<b>7735</b>

Table A-23  
Non Utility Generating Resources  
Monthly OY 2004 – 2013  
Average Energy 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 Resources Study  
2003 - 2004 Operating Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Federal Entities-</b>															
1 Federal Entities	83	82	59	77	102	104	107	97	91	113	113	107	94	75	92
<b>2 Total Federal Entities</b>	<b>83</b>	<b>82</b>	<b>59</b>	<b>77</b>	<b>102</b>	<b>104</b>	<b>107</b>	<b>97</b>	<b>91</b>	<b>113</b>	<b>113</b>	<b>107</b>	<b>94</b>	<b>75</b>	<b>92</b>
<b>-Generating Public Entities-</b>															
3 Generating Public Entities	276	276	197	136	106	116	123	118	133	257	257	348	364	328	209
<b>4 Total Generating Public Entities</b>	<b>276</b>	<b>276</b>	<b>197</b>	<b>136</b>	<b>106</b>	<b>116</b>	<b>123</b>	<b>118</b>	<b>133</b>	<b>257</b>	<b>257</b>	<b>348</b>	<b>364</b>	<b>328</b>	<b>209</b>
<b>-Non-Generating Public Entities-</b>															
5 Non-Generating Public Entities	9.2	9.2	9.2	10.0	12	12	12	11	10	9.8	9.8	9.8	9.7	9.1	10
<b>6 Total Non-Generating Public Entities</b>	<b>9.2</b>	<b>9.2</b>	<b>9.2</b>	<b>10.0</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>11</b>	<b>10</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.7</b>	<b>9.1</b>	<b>10</b>
<b>-Investor-Owned Entities-</b>															
7 Investor-Owned Entities	911	911	951	924	939	927	908	930	936	965	965	624	1008	1000	918
<b>8 Total Investor-owned Entities</b>	<b>911</b>	<b>911</b>	<b>951</b>	<b>924</b>	<b>939</b>	<b>927</b>	<b>908</b>	<b>930</b>	<b>936</b>	<b>965</b>	<b>965</b>	<b>624</b>	<b>1008</b>	<b>1000</b>	<b>918</b>
<b>-Other Entities-</b>															
9 Other Entities	68	68	60	68	71	83	87	83	83	89	89	90	92	85	80
<b>10 Total Other Entities</b>	<b>68</b>	<b>68</b>	<b>60</b>	<b>68</b>	<b>71</b>	<b>83</b>	<b>87</b>	<b>83</b>	<b>83</b>	<b>89</b>	<b>89</b>	<b>90</b>	<b>92</b>	<b>85</b>	<b>80</b>
<b>-Total Non-Utility Generating Resources-</b>															
11 Federal Entities	83	82	59	77	102	104	107	97	91	113	113	107	94	75	92
12 Public Entities	285	285	206	146	118	128	136	130	143	266	266	358	374	337	219
13 Investor-Owned Entities	911	911	951	924	939	927	908	930	936	965	965	624	1008	1000	918
14 Other Entities	68	68	60	68	71	83	87	83	83	89	89	90	92	85	80
<b>15 Total Non-Utility Generation</b>	<b>1347</b>	<b>1346</b>	<b>1275</b>	<b>1215</b>	<b>1230</b>	<b>1242</b>	<b>1237</b>	<b>1240</b>	<b>1254</b>	<b>1434</b>	<b>1434</b>	<b>1178</b>	<b>1569</b>	<b>1497</b>	<b>1310</b>



**Table A-23: Regional Non Utility Generating Resources By Owner  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Federal Entities-</b>															
1 Federal Entities	109	109	102	116	127	127	130	125	119	121	121	118	120	109	119
<b>2 Total Federal Entities</b>	<b>109</b>	<b>109</b>	<b>102</b>	<b>116</b>	<b>127</b>	<b>127</b>	<b>130</b>	<b>125</b>	<b>119</b>	<b>121</b>	<b>121</b>	<b>118</b>	<b>120</b>	<b>109</b>	<b>119</b>
<b>-Generating Public Entities-</b>															
3 Generating Public Entities	292	292	209	152	123	116	123	118	133	257	257	348	364	328	214
<b>4 Total Generating Public Entities</b>	<b>292</b>	<b>292</b>	<b>209</b>	<b>152</b>	<b>123</b>	<b>116</b>	<b>123</b>	<b>118</b>	<b>133</b>	<b>257</b>	<b>257</b>	<b>348</b>	<b>364</b>	<b>328</b>	<b>214</b>
<b>-Non-Generating Public Entities-</b>															
5 Non-Generating Public Entities	3.6	3.6	3.5	4.4	6.2	6.2	6.6	5.8	4.5	4.2	4.2	4.1	4	3.5	4.7
<b>6 Total Non-Generating Public Entities</b>	<b>3.6</b>	<b>3.6</b>	<b>3.5</b>	<b>4.4</b>	<b>6.2</b>	<b>6.2</b>	<b>6.6</b>	<b>5.8</b>	<b>4.5</b>	<b>4.2</b>	<b>4.2</b>	<b>4.1</b>	<b>4</b>	<b>3.5</b>	<b>4.7</b>
<b>-Investor-Owned Entities-</b>															
7 Investor-Owned Entities	960	960	948	920	935	927	904	926	932	961	960	625	997	995	919
<b>8 Total Investor-owned Entities</b>	<b>960</b>	<b>960</b>	<b>948</b>	<b>920</b>	<b>935</b>	<b>927</b>	<b>904</b>	<b>926</b>	<b>932</b>	<b>961</b>	<b>960</b>	<b>625</b>	<b>997</b>	<b>995</b>	<b>919</b>
<b>-Other Entities-</b>															
9 Other Entities	84	84	73	85	90	83	87	83	83	89	89	90	92	85	85
<b>10 Total Other Entities</b>	<b>84</b>	<b>84</b>	<b>73</b>	<b>85</b>	<b>90</b>	<b>83</b>	<b>87</b>	<b>83</b>	<b>83</b>	<b>89</b>	<b>89</b>	<b>90</b>	<b>92</b>	<b>85</b>	<b>85</b>
<b>-Total Non-Utility Generating Resources-</b>															
11 Federal Entities	109	109	102	116	127	127	130	125	119	121	121	118	120	109	119
12 Public Entities	295	295	213	157	129	122	130	124	138	261	261	353	368	331	218
13 Investor-Owned Entities	960	960	948	920	935	927	904	926	932	961	960	625	997	995	919
14 Other Entities	84	84	73	85	90	83	87	83	83	89	89	90	92	85	85
<b>15 Total Non-Utility Generation</b>	<b>1448</b>	<b>1448</b>	<b>1336</b>	<b>1278</b>	<b>1281</b>	<b>1259</b>	<b>1250</b>	<b>1258</b>	<b>1272</b>	<b>1432</b>	<b>1431</b>	<b>1185</b>	<b>1577</b>	<b>1520</b>	<b>1341</b>

**Table A-23: Regional Non Utility Generating Resources By Owner  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Federal Entities-</b>															
1 Federal Entities	109	109	102	116	127	127	130	125	119	121	121	118	120	109	119
<b>2 Total Federal Entities</b>	<b>109</b>	<b>109</b>	<b>102</b>	<b>116</b>	<b>127</b>	<b>127</b>	<b>130</b>	<b>125</b>	<b>119</b>	<b>121</b>	<b>121</b>	<b>118</b>	<b>120</b>	<b>109</b>	<b>119</b>
<b>-Generating Public Entities-</b>															
3 Generating Public Entities	292	292	209	152	123	116	123	118	133	257	257	348	364	328	214
<b>4 Total Generating Public Entities</b>	<b>292</b>	<b>292</b>	<b>209</b>	<b>152</b>	<b>123</b>	<b>116</b>	<b>123</b>	<b>118</b>	<b>133</b>	<b>257</b>	<b>257</b>	<b>348</b>	<b>364</b>	<b>328</b>	<b>214</b>
<b>-Non-Generating Public Entities-</b>															
5 Non-Generating Public Entities	3.3	3.3	3.2	4.1	5.9	5.9	6.3	5.5	4.2	3.9	3.9	3.8	3.7	3.2	4.4
<b>6 Total Non-Generating Public Entities</b>	<b>3.3</b>	<b>3.3</b>	<b>3.2</b>	<b>4.1</b>	<b>5.9</b>	<b>5.9</b>	<b>6.3</b>	<b>5.5</b>	<b>4.2</b>	<b>3.9</b>	<b>3.9</b>	<b>3.8</b>	<b>3.7</b>	<b>3.2</b>	<b>4.4</b>
<b>-Investor-Owned Entities-</b>															
7 Investor-Owned Entities	961	961	948	920	942	935	912	934	940	968	968	625	1005	997	924
<b>8 Total Investor-owned Entities</b>	<b>961</b>	<b>961</b>	<b>948</b>	<b>920</b>	<b>942</b>	<b>935</b>	<b>912</b>	<b>934</b>	<b>940</b>	<b>968</b>	<b>968</b>	<b>625</b>	<b>1005</b>	<b>997</b>	<b>924</b>
<b>-Other Entities-</b>															
9 Other Entities	84	84	73	85	90	83	87	83	83	89	89	90	92	85	85
<b>10 Total Other Entities</b>	<b>84</b>	<b>84</b>	<b>73</b>	<b>85</b>	<b>90</b>	<b>83</b>	<b>87</b>	<b>83</b>	<b>83</b>	<b>89</b>	<b>89</b>	<b>90</b>	<b>92</b>	<b>85</b>	<b>85</b>
<b>-Total Non-Utility Generating Resources-</b>															
11 Federal Entities	109	109	102	116	127	127	130	125	119	121	121	118	120	109	119
12 Public Entities	295	295	213	156	129	122	130	124	137	260	260	352	368	331	218
13 Investor-Owned Entities	961	961	948	920	942	935	912	934	940	968	968	625	1005	997	924
14 Other Entities	84	84	73	85	90	83	87	83	83	89	89	90	92	85	85
<b>15 Total Non-Utility Generation</b>	<b>1449</b>	<b>1449</b>	<b>1335</b>	<b>1278</b>	<b>1288</b>	<b>1267</b>	<b>1259</b>	<b>1266</b>	<b>1279</b>	<b>1439</b>	<b>1439</b>	<b>1185</b>	<b>1586</b>	<b>1522</b>	<b>1346</b>

Table A-24  
Regional Non Utility Generating Resources By Project  
Monthly OY 2004 – 2013  
Average Energy 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 Resources Study  
2003 - 2004 Operating Year  
2002 White Book**

Continued

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-NUG: Renewables-</b>															
58 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Nine Canyon Wind Project (BCPD)	0.6	0.6	0.5	0.8	1.4	1.4	1.6	1.3	0.9	0.7	0.7	0.7	0.7	0.5	0.9
60 Nine Canyon Wind Project (ENW)	0.7	0.7	0.7	1.1	1.9	1.9	2.1	1.7	1.1	1.0	1.0	1.0	0.9	0.7	1.2
61 Nine Canyon Wind Project (LCPD)	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3
62 Nine Canyon Wind Project (MCPD3)	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3
63 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>64 NGP - Total NUG: Renewables</b>	<b>1.7</b>	<b>1.7</b>	<b>1.6</b>	<b>2.4</b>	<b>4.2</b>	<b>4.3</b>	<b>4.7</b>	<b>3.9</b>	<b>2.6</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.1</b>	<b>1.5</b>	<b>2.8</b>
<b>Investor-Owned Entities</b>															
<b>-NUG: Hydro-</b>															
65 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	2.3
66 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Beaverton (PGE)	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0
68 Bingham Engineering (NWE)	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0	0	0	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	0
70 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	0.1
71 Black Creek (AVWP)	2.8	1.9	2.5	3.4	3.4	3.4	3.1	3.7	3.4	3.1	3.1	2.8	3.1	3.1	3.1
72 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	0.6
73 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	0.4
74 Boyd James (PPL)	0	0	0	0	0	0.4	0.3	0.6	0.7	0.8	0.8	0.5	0	0	0.3
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	0.6
76 Broadwater Dam (NWE)	1.3	1.3	1.5	1.8	1.4	1.0	1.1	1.2	1.2	1.8	1.8	2.6	3.3	1.9	1.7
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	3.8
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	0.1
79 Carlton (PGE)	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0
80 Cascade Creek (NWE)	0	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	3.1
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	0.7
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	2.1
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	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	0.1
86 Corbett (PGE)	0	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	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	1.1
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	0.1
90 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92 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	0.1
93 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	2.5
94 Donald Jenni (NWE)	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1
95 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 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	0.4
97 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2	0.6
98 Estacada (PGE)	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
99 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	2.0
100 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	5.9
101 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	2.4
102 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	0.6
103 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	0.3
104 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	0.3
105 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	0.5
106 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	0.1
107 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	3.2
108 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	3
109 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	6.6
110 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	0.7
111 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	0.5
112 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	0.2
113 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	0.2
114 Joseph Hydro (PPL)	1.5	1.5	0.9	0.4	0.1	0.1	0.1	0	0	0.1	0.1	0.2	1.2	2.7	0.6
115 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	0.7
116 Koma Kulshan (PSE)	4.6	4.6	4.3	6.4	8	6.1	3.9	3.8	4.4	6.9	6.9	9.4	10	8.2	6.4
117 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	0.7
118 L. Fery (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119 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	0.5
120 Lake Oswego (PGE)	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	0.4
121 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	1.7
122 Lee Tavenner (NWE)	0.1	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
123 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124 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	0.9
125 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	0.5
126 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	1.8
127 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	5.3
128 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	3.5
129 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	0.4

**Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resources Study  
2003 - 2004 Operating Year  
2002 White Book**

Continued

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
130 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	0.9
131 Meyers Falls (AVWP)	1	1	0.9	0.6	0.9	0.9	0.6	0.8	1.1	1.1	1.1	1	1.2	1.1	0.9
132 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	2.2
133 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	0.7
134 Minikahda (PGE)	0	0	0	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1	0	0	0
135 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	0.6
136 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137 Mt. Tabor (PGE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138 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	0.4
139 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	0.1
140 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0	0.2
141 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	0.2
142 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143 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	2.9
144 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	1.8
145 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	7.8
146 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147 Phillipsburg (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148 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	1.2
149 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	0.1
150 Port Townsend Paper Hydro (PSE)	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	0.3
151 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2	12
153 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	0.1
154 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	0.2
155 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	1.3
156 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	1.6
157 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	0.3
158 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159 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	0.3
160 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	0.7
161 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	0.1
162 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	0.3
163 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	0.3
164 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0	0
165 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	0.2
166 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	0
167 South Dry Creek (NWE)	0.6	0.6	0.5	0.5	0	0	0	0	0.3	0.3	0.3	0.5	0.6	0.4	0.3
168 Spokane Upriver (AVWP)	3.4	3.4	3.4	4.7	6.7	13	14	13	14	13	13	11	12	8.4	9.7
169 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
170 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	0.1
171 Sygitowicz Creek Small Hydro (PSE)	0	0	0	0.1	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.1	0	0	0.2
172 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	0.1
173 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	2.7
174 Twin Falls (PSE)	5	5	0	1.2	9.6	7.9	7.4	4.8	7.8	15	15	13	24	19	9.6
175 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	1.5
176 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	0.1
177 Weeks Falls (PSE)	0.8	0.8	0	0.2	1.7	1.8	1.2	0.6	1.2	2.6	2.6	2.4	4.4	3.5	1.7
178 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	0.2
179 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	0.1
180 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	3.1
181 Wisconsin Creek (NWE)	0	0	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0
182 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7	0.9
<b>183 IOU - Total NUG: Hydro</b>	<b>152</b>	<b>151</b>	<b>127</b>	<b>107</b>	<b>116</b>	<b>107</b>	<b>98</b>	<b>105</b>	<b>125</b>	<b>168</b>	<b>168</b>	<b>205</b>	<b>214</b>	<b>189</b>	<b>143</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>															
184 Marion Solid Waste (PGE)	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	9.3	9.3
185 Minnesota Methane (AVWP)	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	0.8
186 Montana One (NWE)	11	12	8.6	8.7	6.6	5.9	7.6	7.2	6.2	6.1	5.9	8.5	11	8.2	8
187 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	0.1
188 Spokane MSW (PSE)	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
189 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	0.1
<b>190 IOU - Total NUG: Small Thermal &amp; Misc.</b>	<b>37</b>	<b>37</b>	<b>34</b>	<b>34</b>	<b>32</b>	<b>32</b>	<b>33</b>	<b>33</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>34</b>	<b>36</b>	<b>34</b>	<b>34</b>
<b>-NUG: Combustion Turbines -</b>															
191 March Point #1 Cogeneration (PSE)	74	74	74	74	74	74	74	74	74	74	74	30	74	74	70
192 March Point #2 Cogeneration (PSE)	59	59	59	59	59	59	59	59	59	59	59	45	59	59	58
193 Rathdrum #1 (AVWP)	65	65	65	65	65	65	65	65	65	65	65	32	65	65	62
194 Rathdrum #2 (AVWP)	65	65	65	65	65	65	65	65	65	65	65	32	65	65	62
195 Tenaska (Ferndale, WA) (PSE)	235	235	235	235	235	235	235	235	235	235	235	0	235	235	215
<b>196 IOU - Total NUG: Combustion Turbines</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>139</b>	<b>498</b>	<b>498</b>	<b>468</b>
<b>-NUG: Co-Generation-</b>															
197 Billings Generation (NWE)	21	21	16	10	12	11	14	13	11	7.1	6.9	16	20	15	14
198 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22	19
199 Boise Cascade Emmett (IPC)	11	11	7.4	7.2	7.4	9.1	9.1	10	4.8	5.0	5.0	4.8	12	11	8.2

**Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resources Study  
2003 - 2004 Operating Year  
2002 White Book**

Continued

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
200 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201 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	3.1
202 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	7.2
203 Haleywest L.L.C (AVWP)	4	4	4.2	4	4.2	4	4	4.3	4	4.2	4.2	4	4.2	4	4.1
204 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	9.5
205 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	9.5
206 PERC Pierce, Wa (PSE)	2	2	2	2	2	2	2	2	2	2	2	0	2	2	1.8
207 Potlatch Contract Renewal (AVWP)	0	0	59	59	59	59	59	59	59	59	59	35	35	59	50
208 Simplot Pocatello (IPC)	8.8	8.8	9.2	8.8	9.1	8.8	8.8	9.6	8.9	9.2	9.2	8.9	9.2	8.8	9.0
209 Sumas Energy (PSE)	113	113	126	126	126	126	126	126	126	113	113	113	113	113	120
210 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	4.1
211 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	3.3
212 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	0.1
<b>213 IOU - Total NUG: Co-Generation</b>	<b>217</b>	<b>218</b>	<b>284</b>	<b>275</b>	<b>279</b>	<b>275</b>	<b>263</b>	<b>279</b>	<b>270</b>	<b>257</b>	<b>257</b>	<b>237</b>	<b>252</b>	<b>272</b>	<b>264</b>
<b>-NUG: Renewables-</b>															
214 Foote Creek 1 (PPL)	4.2	4.2	4.9	7.2	11	13	14	12	9.2	7.4	7.4	5.9	5.2	4.2	8.1
215 Healow #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
216 Josef Stauer (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
217 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
218 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
219 Stateline Wind Project (AVWP)	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
220 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>221 IOU - Total NUG: Renewables</b>	<b>6.6</b>	<b>6.6</b>	<b>7.1</b>	<b>9.5</b>	<b>13</b>	<b>15</b>	<b>16</b>	<b>15</b>	<b>12</b>	<b>9.8</b>	<b>9.8</b>	<b>8.2</b>	<b>7.6</b>	<b>6.5</b>	<b>10</b>
<b>Other Entities</b>															
<b>-NUG: Co-Generation-</b>															
222 SP Newsprint cogen (SPN)	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
<b>223 Other - Total NUG: Co-Generation</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>
<b>-NUG: Renewables-</b>															
224 Stateline Wind Project (PPME)	35	35	28	36	39	51	55	51	51	57	57	57	59	52	48
225 Vansycle Wind (FPLEV)	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
<b>226 Other - Total NUG: Renewables</b>	<b>43</b>	<b>43</b>	<b>35</b>	<b>43</b>	<b>46</b>	<b>58</b>	<b>62</b>	<b>58</b>	<b>58</b>	<b>64</b>	<b>64</b>	<b>65</b>	<b>67</b>	<b>60</b>	<b>55</b>
<b>-Total Non-Utility Generating Resources-</b>															
227 Federal Entities	83	82	59	77	102	104	107	97	91	113	113	107	94	75	92
228 Generating Public Entities	276	276	197	136	106	116	123	118	133	257	257	348	364	328	209
229 Non Generating Public Entities	9.2	9.2	9.2	10.0	12	12	12	11	10	9.8	9.8	9.8	9.7	9.1	10
230 Investor-Owned Entities	911	911	951	924	939	927	908	930	936	965	965	624	1008	1000	918
231 Other Entities	68	68	60	68	71	83	87	83	83	89	89	90	92	85	80
<b>232 Total Non-Utility Generation</b>	<b>1347</b>	<b>1346</b>	<b>1275</b>	<b>1215</b>	<b>1230</b>	<b>1242</b>	<b>1237</b>	<b>1240</b>	<b>1254</b>	<b>1434</b>	<b>1434</b>	<b>1178</b>	<b>1569</b>	<b>1497</b>	<b>1310</b>

**Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>Federal Entities</b>															
<b>-NUG: Hydro-</b>															
1 Clearwater - State of ID DWR (BPA)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2 Dworshak Small Hydropower (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	2.6
<b>3 Federal -Total NUG: Hydro</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>
<b>-NUG: Renewables-</b>															
4 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Condon Wind Project (BPA)	10	10	10	11	13	14	13	12	12	14	14	12	15	11	12
6 Foote Creek 1 (BPA)	3.3	3.3	3.8	5.6	8.3	10	11	9.6	7.2	5.8	5.8	4.6	4.1	3.3	6.4
7 Foote Creek 2 (BPA)	0.4	0.4	0.5	0.7	1	1.3	1.3	1.2	0.9	0.7	0.7	0.5	0.5	0.4	0.8
8 Foote Creek 4 (BPA)	3.9	3.9	4.4	6.5	9.7	12	12	11	8.4	6.7	6.7	5.4	4.8	3.8	7.4
9 Fourmile Hill Geothermal (BPA)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
10 Klondike Phase 1 (BPA)	7.9	7.9	6.2	8.1	8.8	7.8	8.3	7.8	7.8	8.6	8.6	8.8	9.1	8	8.1
11 Stataline Wind Project (BPA)	29	29	23	30	33	29	31	29	29	32	32	33	34	30	30
<b>12 Federal -Total NUG: Renewables</b>	<b>105</b>	<b>105</b>	<b>98</b>	<b>112</b>	<b>124</b>	<b>123</b>	<b>126</b>	<b>121</b>	<b>115</b>	<b>118</b>	<b>118</b>	<b>114</b>	<b>117</b>	<b>106</b>	<b>115</b>
<b>Generating Public Entities</b>															
<b>-NUG: Hydro-</b>															
13 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 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	0.5
15 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	0.5
16 John Llewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77	38
19 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12	4.9
20 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12	4.9
21 PEC Headworks (GCPD)	4.5	4.5	3.1	2.2	0	0	0	0	0.4	5.1	5.1	6.9	6.2	5.8	2.9
22 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 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	0.5
24 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	0.5
25 Quincy Chute (GCPD)	7.7	7.7	4	2.3	0	0	0	0	0.8	5.5	5.5	7.1	8.4	8.5	3.7
26 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	0.9
27 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	0.9
28 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11	9.2
29 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44	18
30 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44	18
31 Woods Creek (SHPD)	0.1	0.1	0.1	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>32 GPU - Total NUG: Hydro</b>	<b>185</b>	<b>185</b>	<b>115</b>	<b>51</b>	<b>7.7</b>	<b>7</b>	<b>8</b>	<b>11</b>	<b>32</b>	<b>141</b>	<b>141</b>	<b>232</b>	<b>247</b>	<b>221</b>	<b>105</b>
<b>-NUG: Co-Generation-</b>															
33 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	1.2
34 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38	32
<b>35 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>34</b>
<b>-NUG: Renewables-</b>															
36 Foote Creek 1 (EWEB)	1.4	1.4	1.6	2.4	3.5	4.3	4.5	4.1	3.1	2.5	2.5	2.0	1.7	1.4	2.7
37 Landfill Gas (TPU)	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	1.8
38 Nine Canyon Wind Project (CHPD)	1.1	1.1	1.1	1.6	2.8	2.8	3.1	2.6	1.7	1.5	1.5	1.5	1.4	1	1.9
39 Nine Canyon Wind Project (DOPD)	0.6	0.6	0.5	0.8	1.4	1.4	1.6	1.3	0.9	0.7	0.7	0.7	0.7	0.5	0.9
40 Nine Canyon Wind Project (GCPD)	2.2	2.2	2.1	3.2	5.6	5.7	6.3	5.2	3.4	2.9	2.9	2.9	2.8	2	3.7
41 Nine Canyon Wind Project (GHPD)	1.1	1.1	1.1	1.6	2.8	2.8	3.1	2.6	1.7	1.5	1.5	1.5	1.4	1	1.9
42 Nine Canyon Wind Project (OKPD)	2.2	2.2	2.1	3.2	5.6	5.7	6.3	5.2	3.4	2.9	2.9	2.9	2.8	2	3.7
43 Stataline Wind Project (EWEB)	8.4	8.4	6.6	8.6	9.3	8.2	8.8	8.3	8.3	9.2	9.2	9.3	9.6	8.5	8.6
44 Stataline Wind Project (SCL)	49	49	39	50	54	48	52	48	48	54	54	54	56	50	50
<b>45 GPU - Total NUG: Renewables</b>	<b>68</b>	<b>68</b>	<b>56</b>	<b>73</b>	<b>87</b>	<b>81</b>	<b>87</b>	<b>79</b>	<b>72</b>	<b>76</b>	<b>76</b>	<b>77</b>	<b>78</b>	<b>68</b>	<b>75</b>
<b>Non-Generating Public Entities</b>															
<b>-NUG: Hydro-</b>															
46 Buffalo Hydro (FREC)	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	0.2
47 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 City of Cove (OTEC)	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	0.3
49 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Lilliwaup 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	0.6
51 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>52 NGP - Total NUG: Hydro</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>															
53 Methane Energy Agricultural D. (TKPD)	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	0.8
<b>54 NGP - Total NUG: Small Thermal &amp; Misc.</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>
<b>-NUG: Renewables-</b>															
55 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56 Nine Canyon Wind Project (BCPD)	0.6	0.6	0.5	0.8	1.4	1.4	1.6	1.3	0.9	0.7	0.7	0.7	0.7	0.5	0.9
57 Nine Canyon Wind Project (ENW)	0.7	0.7	0.7	1.1	1.9	1.9	2.1	1.7	1.1	1.0	1.0	1.0	0.9	0.7	1.2



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PNW Loads and Resources Study  
2007 - 2008 Operating Year  
2002 White Book**

*Continued*

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
58 Nine Canyon Wind Project (LCPD)	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3
59 Nine Canyon Wind Project (MCPD3)	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3
60 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>61 NGP - Total NUG: Renewables</b>	<b>1.7</b>	<b>1.7</b>	<b>1.6</b>	<b>2.4</b>	<b>4.2</b>	<b>4.3</b>	<b>4.7</b>	<b>3.9</b>	<b>2.6</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.1</b>	<b>1.5</b>	<b>2.8</b>
<b>Investor-Owned Entities</b>															
<b>-NUG: Hydro-</b>															
62 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	2.3
63 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Beaverton (PGE)	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0
65 Bingham Engineering (NWE)	0.1	0.1	0.1	0.1	0	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1
66 Birch Creek (IPC)	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0
67 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	0.1
68 Black Creek (AVWP)	3.4	3.1	3.7	3.4	3.1	3.1	2.8	3.1	3.1	2.8	1.9	2.8	2.8	1.9	2.9
69 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	0.6
70 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	0.4
71 Boyd James (PPL)	0	0	0	0	0	0.4	0.3	0.6	0.7	0.8	0.8	0.5	0	0	0.3
72 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	0.6
73 Broadwater Dam (NWE)	1.1	1.1	1.5	1.8	1.5	1.2	1.1	1.2	1.2	1.8	1.8	3.1	2.6	1.9	1.7
74 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	3.8
75 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	0.1
76 Carlton (PGE)	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0
77 Cascade Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 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	3.1
79 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	0.7
80 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	2.1
81 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	0.4
82 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	0.1
83 Corbett (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Cornelius (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 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	1.1
86 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	0.1
87 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89 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	0.1
90 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	2.5
91 Donald Jenni (NWE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	0.1
92 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 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	0.4
94 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2	0.6
95 Estacada (PGE)	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96 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	2.0
97 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	5.9
98 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	2.4
99 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	0.6
100 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	0.3
101 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	0.3
102 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	0.5
103 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	0.1
104 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	3.2
105 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	3
106 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	6.6
107 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	0.7
108 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	0.5
109 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	0.2
110 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	0.2
111 Joseph Hydro (PPL)	1.5	1.5	0.9	0.4	0.1	0.1	0.1	0	0	0.1	0.1	0.2	1.2	2.7	0.6
112 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	0.7
113 Koma Kulshan (PSE)	4.6	4.6	4.3	6.4	8	6.1	3.9	3.8	4.4	6.9	6.9	9.4	10	8.2	6.4
114 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	0.7
115 L. Fery (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 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	0.5
117 Lake Oswego (PGE)	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	0.4
118 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	1.7
119 Lee Tavenner (NWE)	0.1	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 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	0.9
122 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	0.5
123 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	1.8
124 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	5.3
125 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	3.5
126 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	0.4
127 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	0.9
128 Meyers Falls (AVWP)	1	1	0.9	0.6	0.9	0.9	0.6	0.8	1.1	1.1	1.1	1	1.2	1.1	0.9
129 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	2.2
130 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	0.7

**Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
2002 White Book**

*Continued*

*9/9/2003*

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
131 Minikahda (PGE)	0	0	0	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1	0	0	0
132 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	0.6
133 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Mt. Tabor (PGE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
135 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	0.4
136 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	0.1
137 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0	0.2
138 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	0.2
139 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 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	2.9
141 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	1.8
142 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	7.8
143 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 Phillipsburg (NWE)	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0
145 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	1.2
146 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	0.1
147 Port Townsend Paper Hydro (PSE)	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	0.3
148 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2	12
150 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	0.1
151 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	0.2
152 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	1.3
153 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	1.6
154 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	0.3
155 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 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	0.3
157 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	0.7
158 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	0.1
159 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	0.3
160 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	0.3
161 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0	0
162 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	0.2
163 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	0
164 South Dry Creek (NWE)	0.5	0.5	0.5	0.5	0	0	0	0	0.3	0.3	0.3	0.6	0.5	0.5	0.3
165 Spokane Upriver (AVWP)	3.4	3.4	3.4	4.7	6.7	13	14	13	14	13	13	11	12	8.4	9.7
166 Strawberry Creek (NWE)	0.1	0.1	0.1	0.1	0	0	0.1	0	0	0	0	0.1	0.1	0.1	0.1
167 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	0.1
168 Sygitowicz Creek Small Hydro (PSE)	0	0	0	0.1	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.1	0	0	0.2
169 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	0.1
170 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	2.7
171 Twin Falls (PSE)	5	5	0	1.2	9.6	7.9	7.4	4.8	7.8	15	15	13	24	19	9.6
172 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	1.5
173 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	0.1
174 Weeks Falls (PSE)	0.8	0.8	0	0.2	1.7	1.8	1.2	0.6	1.2	2.6	2.6	2.4	4.4	3.5	1.7
175 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	0.2
176 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	0.1
177 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	3.1
178 Wisconsin Creek (NWE)	0	0	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0
179 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7	0.9
<b>180 IOU - Total NUG: Hydro</b>	<b>152</b>	<b>152</b>	<b>128</b>	<b>107</b>	<b>116</b>	<b>107</b>	<b>97</b>	<b>105</b>	<b>125</b>	<b>168</b>	<b>167</b>	<b>206</b>	<b>213</b>	<b>188</b>	<b>143</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>															
181 Marion Solid Waste (PGE)	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	9.3	9.3
182 Minnesota Methane (AVWP)	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	0.8
183 Montana One (NWE)	9.2	9.4	8.7	8.8	6.6	7.4	7.7	7.3	6.3	6.2	6.1	10	8.6	8.4	8.0
184 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	0.1
185 Spokane MSW (PSE)	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
186 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	0.1
<b>187 IOU - Total NUG: Small Thermal &amp; Misc.</b>	<b>35</b>	<b>35</b>	<b>34</b>	<b>34</b>	<b>32</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>36</b>	<b>34</b>	<b>34</b>	<b>34</b>
<b>-NUG: Combustion Turbines -</b>															
188 March Point #1 Cogeneration (PSE)	74	74	74	74	74	74	74	74	74	74	74	30	74	74	70
189 March Point #2 Cogeneration (PSE)	59	59	59	59	59	59	59	59	59	59	59	45	59	59	58
190 Rathdrum #1 (AVWP)	65	65	65	65	65	65	65	65	65	65	65	32	65	65	62
191 Rathdrum #2 (AVWP)	65	65	65	65	65	65	65	65	65	65	65	32	65	65	62
192 Tenaska (Ferndale, WA) (PSE)	235	235	235	235	235	235	235	235	235	235	235	0	235	235	215
<b>193 IOU - Total NUG: Combustion Turbines</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>139</b>	<b>498</b>	<b>498</b>	<b>468</b>
<b>-NUG: Co-Generation-</b>															
194 Billings Generation (NWE)	17	17	16	10	12	14	14	13	12	7.2	7	19	16	15	14
195 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22	19
196 Boise Cascade Emmett (IPC)	11	11	7.4	7.2	7.4	9.1	9.1	10	4.8	5.0	5.0	4.8	12	11	8.2
197 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 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	3.1
199 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	7.2
200 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	9.5

**Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
2002 White Book**

Continued

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
201 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	9.5
202 PERC Pierce, Wa (PSE)	2	2	2	2	2	2	2	2	2	2	2	0	2	2	1.8
203 Potlatch Contract Renewal (AVWP)	59	59	59	59	59	59	59	59	59	59	59	35	35	59	55
204 Simplot Pocatello (IPC)	8.8	8.8	9.2	8.8	9.1	8.8	8.8	9.6	8.9	9.2	9.2	8.9	9.2	8.8	9.0
205 Sumas Energy (PSE)	113	113	126	126	126	126	126	126	126	113	113	113	113	113	120
206 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	4.1
207 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	3.3
208 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	0.1
<b>209 IOU - Total NUG: Co-Generation</b>	<b>268</b>	<b>269</b>	<b>280</b>	<b>271</b>	<b>275</b>	<b>274</b>	<b>259</b>	<b>275</b>	<b>266</b>	<b>253</b>	<b>253</b>	<b>236</b>	<b>244</b>	<b>268</b>	<b>264</b>
<b>-NUG: Renewables-</b>															
210 Foote Creek 1 (PPL)	4.2	4.2	4.9	7.2	11	13	14	12	9.2	7.4	7.4	5.9	5.2	4.2	8.1
211 Healow #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
212 Josef Staufer (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
213 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
214 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
215 Stateline Wind Project (AVWP)	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
216 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>217 IOU - Total NUG: Renewables</b>	<b>6.5</b>	<b>6.5</b>	<b>7.1</b>	<b>9.5</b>	<b>13</b>	<b>15</b>	<b>16</b>	<b>15</b>	<b>12</b>	<b>9.8</b>	<b>9.8</b>	<b>8.2</b>	<b>7.6</b>	<b>6.5</b>	<b>10</b>
<b>Other Entities</b>															
<b>-NUG: Co-Generation-</b>															
218 SP Newsprint cogen (SPN)	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
<b>219 Other - Total NUG: Co-Generation</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>
<b>-NUG: Renewables-</b>															
220 Stateline Wind Project (PPME)	52	52	41	53	57	51	55	51	51	57	57	57	59	52	53
221 Vansycle Wind (FPLEV)	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
<b>222 Other - Total NUG: Renewables</b>	<b>59</b>	<b>59</b>	<b>48</b>	<b>60</b>	<b>65</b>	<b>58</b>	<b>62</b>	<b>58</b>	<b>58</b>	<b>64</b>	<b>64</b>	<b>65</b>	<b>67</b>	<b>60</b>	<b>60</b>
<b>-Total Non-Utility Generating Resources-</b>															
223 Federal Entities	109	109	102	116	127	127	130	125	119	121	121	118	120	109	119
224 Generating Public Entities	292	292	209	152	123	116	123	118	133	257	257	348	364	328	214
225 Non Generating Public Entities	3.6	3.6	3.5	4.4	6.2	6.2	6.6	5.8	4.5	4.2	4.2	4.1	4	3.5	4.7
226 Investor-Owned Entities	960	960	948	920	935	927	904	926	932	961	960	625	997	995	919
227 Other Entities	84	84	73	85	90	83	87	83	83	89	89	90	92	85	85
<b>228 Total Non-Utility Generation</b>	<b>1448</b>	<b>1448</b>	<b>1336</b>	<b>1278</b>	<b>1281</b>	<b>1259</b>	<b>1250</b>	<b>1258</b>	<b>1272</b>	<b>1432</b>	<b>1431</b>	<b>1185</b>	<b>1577</b>	<b>1520</b>	<b>1341</b>

**Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>Federal Entities</b>															
<b>-NUG: Hydro-</b>															
1 Clearwater - State of ID DWR (BPA)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2 Dworshak Small Hydropower (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	2.6
<b>3 Federal -Total NUG: Hydro</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>
<b>-NUG: Renewables-</b>															
4 Ashland Solar Project (BPA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Condon Wind Project (BPA)	10	10	10	11	13	14	13	12	12	14	14	12	15	11	12
6 Foote Creek 1 (BPA)	3.3	3.3	3.8	5.6	8.3	10	11	9.6	7.2	5.8	5.8	4.6	4.1	3.3	6.4
7 Foote Creek 2 (BPA)	0.4	0.4	0.5	0.7	1	1.3	1.3	1.2	0.9	0.7	0.7	0.5	0.5	0.4	0.8
8 Foote Creek 4 (BPA)	3.9	3.9	4.4	6.5	9.7	12	12	11	8.4	6.7	6.7	5.4	4.8	3.8	7.4
9 Fourmile Hill Geothermal (BPA)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
10 Klondike Phase 1 (BPA)	7.9	7.9	6.2	8.1	8.8	7.8	8.3	7.8	7.8	8.6	8.6	8.8	9.1	8	8.1
11 Stalene Wind Project (BPA)	29	29	23	30	33	29	31	29	29	32	32	33	34	30	30
<b>12 Federal -Total NUG: Renewables</b>	<b>105</b>	<b>105</b>	<b>98</b>	<b>112</b>	<b>124</b>	<b>123</b>	<b>126</b>	<b>121</b>	<b>115</b>	<b>118</b>	<b>118</b>	<b>114</b>	<b>117</b>	<b>106</b>	<b>115</b>
<b>Generating Public Entities</b>															
<b>-NUG: Hydro-</b>															
13 Don Steffen (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 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	0.5
15 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	0.5
16 John Llewellyn (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Kevin Duncan (SHPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Lucky Peak (SCL)	66	66	41	11	2.2	3	7.9	10	21	52	52	84	85	77	38
19 Main Canal Headworks (SCL)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12	4.9
20 Main Canal Headworks (TPU)	10	10	6.1	2.6	0	0	0	0	1.4	6.8	6.8	9.1	11	12	4.9
21 PEC Headworks (GCPD)	4.5	4.5	3.1	2.2	0	0	0	0	0.4	5.1	5.1	6.9	6.2	5.8	2.9
22 Pickering Micro Hydro (CKPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 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	0.5
24 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	0.5
25 Quincy Chute (GCPD)	7.7	7.7	4	2.3	0	0	0	0	0.8	5.5	5.5	7.1	8.4	8.5	3.7
26 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	0.9
27 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	0.9
28 Smith Creek (EWEB)	0	0	0	5	5.4	3.9	0	0.8	1.5	9.2	9.2	37	37	11	9.2
29 Summer Falls (SCL)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44	18
30 Summer Falls (TPU)	39	39	24	11	0	0	0	0	2.4	25	25	36	40	44	18
31 Woods Creek (SHPD)	0.1	0.1	0.1	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>32 GPU - Total NUG: Hydro</b>	<b>185</b>	<b>185</b>	<b>115</b>	<b>51</b>	<b>7.7</b>	<b>7</b>	<b>8</b>	<b>11</b>	<b>32</b>	<b>141</b>	<b>141</b>	<b>232</b>	<b>247</b>	<b>221</b>	<b>105</b>
<b>-NUG: Co-Generation-</b>															
33 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	1.2
34 Scott Paper (SHPD)	38	38	38	27	27	27	27	27	27	38	38	38	38	38	32
<b>35 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>34</b>
<b>-NUG: Renewables-</b>															
36 Foote Creek 1 (EWEB)	1.4	1.4	1.6	2.4	3.5	4.3	4.5	4.1	3.1	2.5	2.5	2.0	1.7	1.4	2.7
37 Landfill Gas (TPU)	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	1.8
38 Nine Canyon Wind Project (CHPD)	1.1	1.1	1.1	1.6	2.8	2.8	3.1	2.6	1.7	1.5	1.5	1.5	1.4	1	1.9
39 Nine Canyon Wind Project (DOPD)	0.6	0.6	0.5	0.8	1.4	1.4	1.6	1.3	0.9	0.7	0.7	0.7	0.7	0.5	0.9
40 Nine Canyon Wind Project (GCPD)	2.2	2.2	2.1	3.2	5.6	5.7	6.3	5.2	3.4	2.9	2.9	2.9	2.8	2	3.7
41 Nine Canyon Wind Project (GHPD)	1.1	1.1	1.1	1.6	2.8	2.8	3.1	2.6	1.7	1.5	1.5	1.5	1.4	1	1.9
42 Nine Canyon Wind Project (OKPD)	2.2	2.2	2.1	3.2	5.6	5.7	6.3	5.2	3.4	2.9	2.9	2.9	2.8	2	3.7
43 Stalene Wind Project (EWEB)	8.4	8.4	6.6	8.6	9.3	8.2	8.8	8.3	8.3	9.2	9.2	9.3	9.6	8.5	8.6
44 Stalene Wind Project (SCL)	49	49	39	50	54	48	52	48	48	54	54	54	56	50	50
<b>45 GPU - Total NUG: Renewables</b>	<b>68</b>	<b>68</b>	<b>56</b>	<b>73</b>	<b>87</b>	<b>81</b>	<b>87</b>	<b>79</b>	<b>72</b>	<b>76</b>	<b>76</b>	<b>77</b>	<b>78</b>	<b>68</b>	<b>75</b>
<b>Non-Generating Public Entities</b>															
<b>-NUG: Hydro-</b>															
46 Buffalo Hydro (FREC)	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	0.2
47 Burr & Bouchard (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 City of Cove (OTEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 Falls Creek (CCPD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Lilliwaup 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	0.6
51 Thomas Burnside (TNEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>52 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>0.9</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>															
53 Methane Energy Agricultural D. (TKPD)	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	0.8
<b>54 NGP - Total NUG: Small Thermal &amp; Misc.</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>
<b>-NUG: Renewables-</b>															
55 Ashland Solar Project (ASHL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56 Nine Canyon Wind Project (BCPD)	0.6	0.6	0.5	0.8	1.4	1.4	1.6	1.3	0.9	0.7	0.7	0.7	0.7	0.5	0.9
57 Nine Canyon Wind Project (ENW)	0.7	0.7	0.7	1.1	1.9	1.9	2.1	1.7	1.1	1.0	1.0	1.0	0.9	0.7	1.2

**Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
2002 White Book**

*Continued*

*9/9/2003*

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
58 Nine Canyon Wind Project (LCPD)	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3
59 Nine Canyon Wind Project (MCPD3)	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3
60 White Bluffs Solar (ENW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>61 NGP - Total NUG: Renewables</b>	<b>1.7</b>	<b>1.7</b>	<b>1.6</b>	<b>2.4</b>	<b>4.2</b>	<b>4.3</b>	<b>4.7</b>	<b>3.9</b>	<b>2.6</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.1</b>	<b>1.5</b>	<b>2.8</b>
<b>Investor-Owned Entities</b>															
<b>-NUG: Hydro-</b>															
62 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	2.3
63 Barney Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 Beaverton (PGE)	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0
65 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	0.1
66 Birch Creek (IPC)	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0
67 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	0.1
68 Black Creek (AVWP)	3.7	3.4	3.1	3.1	2.8	3.1	3.1	2.8	1.9	2.8	2.8	1.9	2.5	3.4	2.8
69 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	0.6
70 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	0.4
71 Boyd James (PPL)	0	0	0	0	0	0.4	0.3	0.6	0.7	0.8	0.8	0.5	0	0	0.3
72 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	0.6
73 Broadwater Dam (NWE)	1.1	1.1	1.5	1.9	2	1.6	1.6	1.7	1.8	2.7	2.6	3.2	3.4	2.0	2
74 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	3.8
75 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	0.1
76 Carlton (PGE)	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0
77 Cascade Creek (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 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	3.1
79 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	0.7
80 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	2.1
81 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	0.4
82 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	0.1
83 Corbett (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Cornelius (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 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	1.1
86 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	0.1
87 Dairy Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Deep Creek (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89 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	0.1
90 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	2.5
91 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	0.1
92 Eagle Creek (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 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	0.4
94 Elk Creek (IPC)	1.2	1.2	0	0	0	0.1	0.1	0.1	1	1	1	1	1.2	1.2	0.6
95 Estacada (PGE)	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96 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	2.0
97 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	5.9
98 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	2.4
99 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	0.6
100 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	0.3
101 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	0.3
102 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	0.5
103 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	0.1
104 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	3.2
105 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	3
106 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	6.6
107 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	0.7
108 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	0.5
109 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	0.2
110 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	0.2
111 Joseph Hydro (PPL)	1.5	1.5	0.9	0.4	0.1	0.1	0.1	0	0	0.1	0.1	0.2	1.2	2.7	0.6
112 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	0.7
113 Koma Kulshan (PSE)	4.6	4.6	4.3	6.4	8	6.1	3.9	3.8	4.4	6.9	6.9	9.4	10	8.2	6.4
114 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	0.7
115 L. Fery (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116 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	0.5
117 Lake Oswego (PGE)	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	0.4
118 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	1.7
119 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	0.1
120 Lemoyne (IPC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121 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	0.9
122 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	0.5
123 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	1.8
124 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	5.3
125 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	3.5
126 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	0.4
127 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	0.9
128 Meyers Falls (AVWP)	1	1	0.9	0.6	0.9	0.9	0.6	0.8	1.1	1.1	1.1	1	1.2	1.1	0.9
129 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	2.2
130 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	0.7

**Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
2002 White Book**

Continued

9/9/2003

Average Energy in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
131 Minikahda (PGE)	0	0	0	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1	0	0	0
132 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	0.6
133 Mountain Energy (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134 Mt. Tabor (PGE)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
135 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	0.4
136 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	0.1
137 Nichols Gap (PPL)	0	0	0	0	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0	0	0	0.2
138 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	0.2
139 Odell Creek (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140 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	2.9
141 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	1.8
142 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	7.8
143 Phillips Ranch (AVWP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144 Phillipsburg (NWE)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0	0
145 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	1.2
146 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	0.1
147 Port Townsend Paper Hydro (PSE)	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	0.3
148 Portland (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 Portland Hydro Project (PGE)	2.3	2.3	2.9	6.7	16	20	18	17	16	17	17	15	8.4	3.2	12
150 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	0.1
151 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	0.2
152 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	1.3
153 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	1.6
154 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	0.3
155 Salem (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156 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	0.3
157 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	0.7
158 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	0.1
159 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	0.3
160 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	0.3
161 Snake River Pottery (IPC)	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0	0
162 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	0.2
163 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	0
164 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	0.3
165 Spokane Upriver (AVWP)	3.4	3.4	3.4	4.7	6.7	13	14	13	14	13	13	11	12	8.4	9.7
166 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	0.1
167 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	0.1
168 Sygitowicz Creek Small Hydro (PSE)	0	0	0	0.1	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.1	0	0	0.2
169 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	0.1
170 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	2.7
171 Twin Falls (PSE)	5	5	0	1.2	9.6	7.9	7.4	4.8	7.8	15	15	13	24	19	9.6
172 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	1.5
173 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	0.1
174 Weeks Falls (PSE)	0.8	0.8	0	0.2	1.7	1.8	1.2	0.6	1.2	2.6	2.6	2.4	4.4	3.5	1.7
175 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	0.2
176 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	0.1
177 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	3.1
178 Wisconsin Creek (NWE)	0	0	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0	0.1
179 Yakima-Tieton (PPL)	3.0	3.0	2.5	0.4	0	0	0	0	0	0	0	1.2	1.7	1.7	0.9
<b>180 IOU - Total NUG: Hydro</b>	<b>152</b>	<b>152</b>	<b>128</b>	<b>107</b>	<b>116</b>	<b>108</b>	<b>98</b>	<b>105</b>	<b>124</b>	<b>169</b>	<b>169</b>	<b>205</b>	<b>214</b>	<b>190</b>	<b>143</b>
<b>-NUG: Small Thermal &amp; Misc.-</b>															
181 Marion Solid Waste (PGE)	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	9.3	9.3
182 Minnesota Methane (AVWP)	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	0.8
183 Montana One (NWE)	9.5	9.7	8.9	9.1	9.2	10	10	10	9.1	9.1	8.9	10	11	8.6	9.7
184 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	0.1
185 Spokane MSW (PSE)	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
186 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	0.1
<b>187 IOU - Total NUG: Small Thermal &amp; Misc.</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>36</b>	<b>37</b>	<b>34</b>	<b>35</b>
<b>-NUG: Combustion Turbines -</b>															
188 March Point #1 Cogeneration (PSE)	74	74	74	74	74	74	74	74	74	74	74	30	74	74	70
189 March Point #2 Cogeneration (PSE)	59	59	59	59	59	59	59	59	59	59	59	45	59	59	58
190 Rathdrum #1 (AVWP)	65	65	65	65	65	65	65	65	65	65	65	32	65	65	62
191 Rathdrum #2 (AVWP)	65	65	65	65	65	65	65	65	65	65	65	32	65	65	62
192 Tenaska (Ferndale, WA) (PSE)	235	235	235	235	235	235	235	235	235	235	235	0	235	235	215
<b>193 IOU - Total NUG: Combustion Turbines</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>498</b>	<b>139</b>	<b>498</b>	<b>498</b>	<b>468</b>
<b>-NUG: Co-Generation-</b>															
194 Billings Generation (NWE)	17	18	16	11	17	18	19	19	17	11	10	19	21	16	17
195 Biomass One (PPL)	22	22	21	21	22	22	7.2	15	17	20	20	17	22	22	19
196 Boise Cascade Emmett (IPC)	11	11	7.4	7.2	7.4	9.1	9.1	10	4.8	5.0	5.0	4.8	12	11	8.2
197 Boise Cascade Medford (PPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198 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	3.1
199 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	7.2
200 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	9.5

**Table A-24: Regional Non Utility Generating Resources By Project  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
2002 White Book**

Continued

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
201 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	9.5
202 PERC Pierce, Wa (PSE)	2	2	2	2	2	2	2	2	2	2	2	0	2	2	1.8
203 Potlatch Contract Renewal (AVWP)	59	59	59	59	59	59	59	59	59	59	59	35	35	59	55
204 Simplot Pocatello (IPC)	8.8	8.8	9.2	8.8	9.1	8.8	8.8	9.6	8.9	9.2	9.2	8.9	9.2	8.8	9.0
205 Sumas Energy (PSE)	113	113	126	126	126	126	126	126	126	113	113	113	113	113	120
206 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	4.1
207 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	3.3
208 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	0.1
<b>209 IOU - Total NUG: Co-Generation</b>	<b>269</b>	<b>269</b>	<b>280</b>	<b>271</b>	<b>280</b>	<b>279</b>	<b>264</b>	<b>281</b>	<b>271</b>	<b>257</b>	<b>256</b>	<b>237</b>	<b>249</b>	<b>269</b>	<b>267</b>
<b>-NUG: Renewables-</b>															
210 Foote Creek 1 (PPL)	4.2	4.2	4.9	7.2	11	13	14	12	9.2	7.4	7.4	5.9	5.2	4.2	8.1
211 Healow #2 (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
212 Josef Staufer (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
213 Livingston (NWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
214 Puyallup Energy Recovery (PSE)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
215 Stateline Wind Project (AVWP)	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
216 Windmill (PGE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>217 IOU - Total NUG: Renewables</b>	<b>6.5</b>	<b>6.5</b>	<b>7.1</b>	<b>9.5</b>	<b>13</b>	<b>15</b>	<b>16</b>	<b>15</b>	<b>12</b>	<b>9.8</b>	<b>9.8</b>	<b>8.2</b>	<b>7.6</b>	<b>6.5</b>	<b>10</b>
<b>Other Entities</b>															
<b>-NUG: Co-Generation-</b>															
218 SP Newsprint cogen (SPN)	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
<b>219 Other - Total NUG: Co-Generation</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>
<b>-NUG: Renewables-</b>															
220 Stateline Wind Project (PPME)	52	52	41	53	57	51	55	51	51	57	57	57	59	52	53
221 Vansycle Wind (FPLEV)	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
<b>222 Other - Total NUG: Renewables</b>	<b>59</b>	<b>59</b>	<b>48</b>	<b>60</b>	<b>65</b>	<b>58</b>	<b>62</b>	<b>58</b>	<b>58</b>	<b>64</b>	<b>64</b>	<b>65</b>	<b>67</b>	<b>60</b>	<b>60</b>
<b>-Total Non-Utility Generating Resources-</b>															
223 Federal Entities	109	109	102	116	127	127	130	125	119	121	121	118	120	109	119
224 Generating Public Entities	292	292	209	152	123	116	123	118	133	257	257	348	364	328	214
225 Non Generating Public Entities	3.3	3.3	3.2	4.1	5.9	5.9	6.3	5.5	4.2	3.9	3.9	3.8	3.7	3.2	4.4
226 Investor-Owned Entities	961	961	948	920	942	935	912	934	940	968	968	625	1005	997	924
227 Other Entities	84	84	73	85	90	83	87	83	83	89	89	90	92	85	85
<b>228 Total Non-Utility Generation</b>	<b>1449</b>	<b>1449</b>	<b>1335</b>	<b>1278</b>	<b>1288</b>	<b>1267</b>	<b>1259</b>	<b>1266</b>	<b>1279</b>	<b>1439</b>	<b>1439</b>	<b>1185</b>	<b>1586</b>	<b>1522</b>	<b>1346</b>

Table A-25  
Dedicated Resources  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System



**Table A-25: Dedicated Resources  
PNW Loads and Resources Study  
2003 - 2004 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Generating Public Entities-</b>															
1 Generating Public Entities	2160	1862	1921	2264	2469	2525	2266	1862	2040	1893	2138	1806	3260	2566	2250
<b>2 Total Generating Public Entities</b>	<b>2160</b>	<b>1862</b>	<b>1921</b>	<b>2264</b>	<b>2469</b>	<b>2525</b>	<b>2266</b>	<b>1862</b>	<b>2040</b>	<b>1893</b>	<b>2138</b>	<b>1806</b>	<b>3260</b>	<b>2566</b>	<b>2250</b>
<b>-Non-Generating Public Entities-</b>															
3 Non-Generating Public Entities	78	83	81	81	86	88	82	81	84	80	80	77	67	66	79
<b>4 Total Non-Generating Public Entities</b>	<b>78</b>	<b>83</b>	<b>81</b>	<b>81</b>	<b>86</b>	<b>88</b>	<b>82</b>	<b>81</b>	<b>84</b>	<b>80</b>	<b>80</b>	<b>77</b>	<b>67</b>	<b>66</b>	<b>79</b>
<b>-Investor-Owned Entities-</b>															
5 Investor-Owned Entities	7199	6715	6598	6471	7294	7471	6914	6362	6873	6875	6703	5755	7375	7242	6842
<b>6 Total Investor-owned Entities</b>	<b>7199</b>	<b>6715</b>	<b>6598</b>	<b>6471</b>	<b>7294</b>	<b>7471</b>	<b>6914</b>	<b>6362</b>	<b>6873</b>	<b>6875</b>	<b>6703</b>	<b>5755</b>	<b>7375</b>	<b>7242</b>	<b>6842</b>
<b>-Total Dedicated Resources-</b>															
7 Generating Public Entities	2160	1862	1921	2264	2469	2525	2266	1862	2040	1893	2138	1806	3260	2566	2250
8 Small & Non Generating Entities	78	83	81	81	86	88	82	81	84	80	80	77	67	66	79
9 Investor-Owned Entities	7199	6715	6598	6471	7294	7471	6914	6362	6873	6875	6703	5755	7375	7242	6842
<b>10 Regional Total Dedicated Resources</b>	<b>9437</b>	<b>8661</b>	<b>8599</b>	<b>8816</b>	<b>9849</b>	<b>10084</b>	<b>9262</b>	<b>8304</b>	<b>8997</b>	<b>8848</b>	<b>8920</b>	<b>7638</b>	<b>10701</b>	<b>9875</b>	<b>9172</b>

**Table A-25: Dedicated Resources  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Generating Public Entities-</b>															
1 Generating Public Entities	2108	1820	1868	2201	2392	2449	2245	1843	2039	2114	2354	1731	3285	2559	2234
<b>2 Total Generating Public Entities</b>	<b>2108</b>	<b>1820</b>	<b>1868</b>	<b>2201</b>	<b>2392</b>	<b>2449</b>	<b>2245</b>	<b>1843</b>	<b>2039</b>	<b>2114</b>	<b>2354</b>	<b>1731</b>	<b>3285</b>	<b>2559</b>	<b>2234</b>
<b>-Non-Generating Public Entities-</b>															
3 Non-Generating Public Entities	39	36	43	49	51	53	50	48	52	54	54	53	39	36	47
<b>4 Total Non-Generating Public Entities</b>	<b>39</b>	<b>36</b>	<b>43</b>	<b>49</b>	<b>51</b>	<b>53</b>	<b>50</b>	<b>48</b>	<b>52</b>	<b>54</b>	<b>54</b>	<b>53</b>	<b>39</b>	<b>36</b>	<b>47</b>
<b>-Investor-Owned Entities-</b>															
5 Investor-Owned Entities	6835	6391	6242	6432	6764	6915	6705	6165	6711	7177	7009	5149	7601	7082	6623
<b>6 Total Investor-owned Entities</b>	<b>6835</b>	<b>6391</b>	<b>6242</b>	<b>6432</b>	<b>6764</b>	<b>6915</b>	<b>6705</b>	<b>6165</b>	<b>6711</b>	<b>7177</b>	<b>7009</b>	<b>5149</b>	<b>7601</b>	<b>7082</b>	<b>6623</b>
<b>-Total Dedicated Resources-</b>															
7 Generating Public Entities	2108	1820	1868	2201	2392	2449	2245	1843	2039	2114	2354	1731	3285	2559	2234
8 Small & Non Generating Entities	39	36	43	49	51	53	50	48	52	54	54	53	39	36	47
9 Investor-Owned Entities	6835	6391	6242	6432	6764	6915	6705	6165	6711	7177	7009	5149	7601	7082	6623
<b>10 Regional Total Dedicated Resources</b>	<b>8982</b>	<b>8247</b>	<b>8153</b>	<b>8682</b>	<b>9207</b>	<b>9416</b>	<b>9000</b>	<b>8056</b>	<b>8802</b>	<b>9345</b>	<b>9417</b>	<b>6932</b>	<b>10925</b>	<b>9677</b>	<b>8904</b>

**Table A-25: Dedicated Resources  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Generating Public Entities-</b>															
1 Generating Public Entities	2137	1860	1901	2167	2375	2432	2244	1843	2033	2108	2331	1706	3251	2533	2225
<b>2 Total Generating Public Entities</b>	<b>2137</b>	<b>1860</b>	<b>1901</b>	<b>2167</b>	<b>2375</b>	<b>2432</b>	<b>2244</b>	<b>1843</b>	<b>2033</b>	<b>2108</b>	<b>2331</b>	<b>1706</b>	<b>3251</b>	<b>2533</b>	<b>2225</b>
<b>-Non-Generating Public Entities-</b>															
3 Non-Generating Public Entities	29	29	38	41	41	43	42	42	45	50	50	48	31	29	40
<b>4 Total Non-Generating Public Entities</b>	<b>29</b>	<b>29</b>	<b>38</b>	<b>41</b>	<b>41</b>	<b>43</b>	<b>42</b>	<b>42</b>	<b>45</b>	<b>50</b>	<b>50</b>	<b>48</b>	<b>31</b>	<b>29</b>	<b>40</b>
<b>-Investor-Owned Entities-</b>															
5 Investor-Owned Entities	6581	6213	6097	6226	6426	6581	6445	5919	6464	6989	6822	5418	7008	6891	6398
<b>6 Total Investor-owned Entities</b>	<b>6581</b>	<b>6213</b>	<b>6097</b>	<b>6226</b>	<b>6426</b>	<b>6581</b>	<b>6445</b>	<b>5919</b>	<b>6464</b>	<b>6989</b>	<b>6822</b>	<b>5418</b>	<b>7008</b>	<b>6891</b>	<b>6398</b>
<b>-Total Dedicated Resources-</b>															
7 Generating Public Entities	2137	1860	1901	2167	2375	2432	2244	1843	2033	2108	2331	1706	3251	2533	2225
8 Small & Non Generating Entities	29	29	38	41	41	43	42	42	45	50	50	48	31	29	40
9 Investor-Owned Entities	6581	6213	6097	6226	6426	6581	6445	5919	6464	6989	6822	5418	7008	6891	6398
<b>10 Regional Total Dedicated Resources</b>	<b>8747</b>	<b>8101</b>	<b>8035</b>	<b>8434</b>	<b>8842</b>	<b>9055</b>	<b>8731</b>	<b>7804</b>	<b>8543</b>	<b>9146</b>	<b>9203</b>	<b>7172</b>	<b>10290</b>	<b>9452</b>	<b>8663</b>

Table A-26  
Other Dedicated Resources  
Monthly OY 2004 – 2013  
Average Energy in Megawatts

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-26: Other Dedicated Resources  
PNW Loads and Resources Study  
2003 - 2004 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Generating Public Entities-</b>															
1 Generating Public Entities	3473	3135	2931	3253	3751	4055	3876	3737	3648	3345	3301	3298	3289	3313	3482
<b>2 Total Generating Public Entities</b>	<b>3473</b>	<b>3135</b>	<b>2931</b>	<b>3253</b>	<b>3751</b>	<b>4055</b>	<b>3876</b>	<b>3737</b>	<b>3648</b>	<b>3345</b>	<b>3301</b>	<b>3298</b>	<b>3289</b>	<b>3313</b>	<b>3482</b>
<b>-Non-Generating Public Entities-</b>															
3 Small & Non Generating Public Entities	3418	3222	2890	3116	3515	3881	3845	3648	3344	3225	3202	3114	3354	3422	3389
<b>4 Total Non-Generating Public Entities</b>	<b>3418</b>	<b>3222</b>	<b>2890</b>	<b>3116</b>	<b>3515</b>	<b>3881</b>	<b>3845</b>	<b>3648</b>	<b>3344</b>	<b>3225</b>	<b>3202</b>	<b>3114</b>	<b>3354</b>	<b>3422</b>	<b>3389</b>
<b>-Investor-Owned Entities-</b>															
5 Investor-Owned Entities	4071	4071	3662	3622	4126	4280	4379	4340	4075	4025	3970	1600	4022	4238	3868
<b>6 Total Investor-owned Entities</b>	<b>4071</b>	<b>4071</b>	<b>3662</b>	<b>3622</b>	<b>4126</b>	<b>4280</b>	<b>4379</b>	<b>4340</b>	<b>4075</b>	<b>4025</b>	<b>3970</b>	<b>1600</b>	<b>4022</b>	<b>4238</b>	<b>3868</b>
<b>-Total Dedicated Resources-</b>															
7 Generating Public Entities	3473	3135	2931	3253	3751	4055	3876	3737	3648	3345	3301	3298	3289	3313	3482
8 Non Generating Entities	3418	3222	2890	3116	3515	3881	3845	3648	3344	3225	3202	3114	3354	3422	3389
9 Investor-Owned Entities	4071	4071	3662	3622	4126	4280	4379	4340	4075	4025	3970	1600	4022	4238	3868
<b>10 Regional Total Dedicated Resources</b>	<b>10963</b>	<b>10429</b>	<b>9483</b>	<b>9991</b>	<b>11393</b>	<b>12217</b>	<b>12101</b>	<b>11725</b>	<b>11067</b>	<b>10595</b>	<b>10472</b>	<b>8012</b>	<b>10664</b>	<b>10972</b>	<b>10738</b>

**Table A-26: Other Dedicated Resources  
PNW Loads and Resources Study  
2007 - 2008 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
<b>-Generating Public Entities-</b>															
1 Generating Public Entities	3971	3578	3463	3862	4448	4747	4474	4314	4181	3563	3512	3408	3486	3661	3946
<b>2 Total Generating Public Entities</b>	<b>3971</b>	<b>3578</b>	<b>3463</b>	<b>3862</b>	<b>4448</b>	<b>4747</b>	<b>4474</b>	<b>4314</b>	<b>4181</b>	<b>3563</b>	<b>3512</b>	<b>3408</b>	<b>3486</b>	<b>3661</b>	<b>3946</b>
<b>-Non-Generating Public Entities-</b>															
3 Small & Non Generating Public Entities	3864	3667	3270	3421	3869	4209	4218	4012	3655	3545	3516	3442	3712	3783	3741
<b>4 Total Non-Generating Public Entities</b>	<b>3864</b>	<b>3667</b>	<b>3270</b>	<b>3421</b>	<b>3869</b>	<b>4209</b>	<b>4218</b>	<b>4012</b>	<b>3655</b>	<b>3545</b>	<b>3516</b>	<b>3442</b>	<b>3712</b>	<b>3783</b>	<b>3741</b>
<b>-Investor-Owned Entities-</b>															
5 Investor-Owned Entities	3651	3651	3284	3199	3672	3844	3889	3848	3604	3607	3508	1110	3914	3808	3448
<b>6 Total Investor-owned Entities</b>	<b>3651</b>	<b>3651</b>	<b>3284</b>	<b>3199</b>	<b>3672</b>	<b>3844</b>	<b>3889</b>	<b>3848</b>	<b>3604</b>	<b>3607</b>	<b>3508</b>	<b>1110</b>	<b>3914</b>	<b>3808</b>	<b>3448</b>
<b>-Total Dedicated Resources-</b>															
7 Generating Public Entities	3971	3578	3463	3862	4448	4747	4474	4314	4181	3563	3512	3408	3486	3661	3946
8 Non Generating Entities	3864	3667	3270	3421	3869	4209	4218	4012	3655	3545	3516	3442	3712	3783	3741
9 Investor-Owned Entities	3651	3651	3284	3199	3672	3844	3889	3848	3604	3607	3508	1110	3914	3808	3448
<b>10 Regional Total Dedicated Resources</b>	<b>11486</b>	<b>10896</b>	<b>10017</b>	<b>10483</b>	<b>11990</b>	<b>12800</b>	<b>12581</b>	<b>12174</b>	<b>11440</b>	<b>10715</b>	<b>10536</b>	<b>7960</b>	<b>11112</b>	<b>11252</b>	<b>11135</b>

**Table A-26: Other Dedicated Resources  
PNW Loads and Resources Study  
2012 - 2013 Operating Year  
1937 Water Year  
2002 White Book**

9/9/2003

<b>Average Energy in Megawatts</b>	<b>Aug1</b>	<b>Aug16</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr1</b>	<b>Apr16</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Avg</b>
<b>-Generating Public Entities-</b>															
1 Generating Public Entities	4313	3829	3681	4187	4831	5150	4784	4630	4480	3789	3751	3547	3707	3962	4233
<b>2 Total Generating Public Entities</b>	<b>4313</b>	<b>3829</b>	<b>3681</b>	<b>4187</b>	<b>4831</b>	<b>5150</b>	<b>4784</b>	<b>4630</b>	<b>4480</b>	<b>3789</b>	<b>3751</b>	<b>3547</b>	<b>3707</b>	<b>3962</b>	<b>4233</b>
<b>-Non-Generating Public Entities-</b>															
3 Small & Non Generating Public Entities	4105	3906	3480	3624	4091	4481	4465	4322	3880	3746	3715	3599	3885	4028	3966
<b>4 Total Non-Generating Public Entities</b>	<b>4105</b>	<b>3906</b>	<b>3480</b>	<b>3624</b>	<b>4091</b>	<b>4481</b>	<b>4465</b>	<b>4322</b>	<b>3880</b>	<b>3746</b>	<b>3715</b>	<b>3599</b>	<b>3885</b>	<b>4028</b>	<b>3966</b>
<b>-Investor-Owned Entities-</b>															
5 Investor-Owned Entities	3584	3584	3211	3133	3594	3759	3801	3749	3510	3478	3419	1053	3858	3757	3371
<b>6 Total Investor-owned Entities</b>	<b>3584</b>	<b>3584</b>	<b>3211</b>	<b>3133</b>	<b>3594</b>	<b>3759</b>	<b>3801</b>	<b>3749</b>	<b>3510</b>	<b>3478</b>	<b>3419</b>	<b>1053</b>	<b>3858</b>	<b>3757</b>	<b>3371</b>
<b>-Total Dedicated Resources-</b>															
7 Generating Public Entities	4313	3829	3681	4187	4831	5150	4784	4630	4480	3789	3751	3547	3707	3962	4233
8 Non Generating Entities	4105	3906	3480	3624	4091	4481	4465	4322	3880	3746	3715	3599	3885	4028	3966
9 Investor-Owned Entities	3584	3584	3211	3133	3594	3759	3801	3749	3510	3478	3419	1053	3858	3757	3371
<b>10 Regional Total Dedicated Resources</b>	<b>12002</b>	<b>11319</b>	<b>10372</b>	<b>10944</b>	<b>12516</b>	<b>13390</b>	<b>13049</b>	<b>12701</b>	<b>11870</b>	<b>11013</b>	<b>10885</b>	<b>8198</b>	<b>11450</b>	<b>11746</b>	<b>11570</b>