

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-13
Columbia Storage Power Exchange Purchase (CSPE)
Monthly OY 2002, 2006 & 2011
Capacity in Megawatts**

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-13: Columbia Storage Power Exchange Purchase (CSPE)
PNW Loads and Resources Study
2001 - 2002 Operating Year
2000 White Book**

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
-Generating Public Entities-														
1 BPA to GPE	77	77	77	77	77	77	77	77	77	69	69	69	69	69
2 Total Generating Public Entities	77	77	77	77	77	77	77	77	77	69	69	69	69	69
-Small & Non-Gen Public Entities-														
3 BPA to S&NGE	16	16	16	16	16	16	16	16	16	14	14	14	14	14
4 Total Small & Non-Gen Public Entities	16	16	16	16	16	16	16	16	16	14	14	14	14	14
-Investor-Owned Entities-														
5 BPA to IOU	93	93	93	93	93	93	93	93	93	83	83	83	83	83
6 Total Investor-Owned Entities	93	93	93	93	93	93	93	93	93	83	83	83	83	83
-Other Entities-														
7 BPA to	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-CSPE-														
9 Generating Public Agencies	77	77	77	77	77	77	77	77	77	69	69	69	69	69
10 Small & Non-Gen Public Agencies	16	16	16	16	16	16	16	16	16	14	14	14	14	14
11 Investor-Owned Utilities	93	93	93	93	93	93	93	93	93	83	83	83	83	83
12 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Total CSPE	187	187	187	187	187	187	187	187	187	167	167	167	167	167

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-14
Supplemental & Entitlement Capacity
Monthly OY 2002, 2006 & 2011
Capacity in Megawatts**

Power Business Line

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Loads and Resources Information System

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-15
Canadian Entitlement Return For Canada
Monthly OY 2002, 2006 & 2011
Capacity in Megawatts**

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-15: Canadian Entitlement Return For Canada
PNW Loads and Resources Study
2001 - 2002 Operating Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-BPA Canada-														
1 BPA to BPA	645	646	633	645	639	634	640	643	640	647	647	642	641	642
2 BPA: Regional Totals	645	646	633	645	639	634	640	643	640	647	647	642	641	642
-Priest Rapids CER for Canada-														
3 AVWP to BPA	1.8	1.8	1.9	1.8	1.9	1.9	1.9	1.8	1.9	1.8	1.8	1.8	1.8	1.8
4 COPD to BPA	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
5 EWEB to BPA	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6 FGRV to BPA	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2
7 GCPD to BPA	11	11	12	11	11	12	11	11	11	11	11	11	11	11
8 KITT to BPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9 MCMN to BPA	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2
10 MTRF to BPA	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2
11 PGE to BPA	4.1	4.1	4.4	4.1	4.3	4.4	4.2	4.1	4.2	4	4	4.2	4.2	4.2
12 PPL to BPA	4.1	4.1	4.4	4.1	4.3	4.4	4.2	4.1	4.2	4	4	4.2	4.2	4.2
13 PSE to BPA	2.4	2.3	2.6	2.4	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.4	2.4	2.4
14 SCL to BPA	2.4	2.3	2.6	2.4	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.4	2.4	2.4
15 TPU to BPA	2.4	2.3	2.6	2.4	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.4	2.4	2.4
16 Priest Rapids: Regional Totals	30	29	32	29	31	32	30	30	30	29	29	30	30	30
-Wanapum CER for Canada-														
17 AVWP to BPA	2.3	2.3	2.5	2.3	2.4	2.5	2.4	2.4	2.4	2.3	2.3	2.4	2.4	2.4
18 COPD to BPA	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
19 EWEB to BPA	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7
20 FGRV to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21 GCPD to BPA	10	10	11	10	11	11	11	10	11	10	10	11	11	11
22 MCMN to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23 MTRF to BPA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24 PGE to BPA	5.3	5.3	5.7	5.3	5.5	5.7	5.5	5.4	5.5	5.2	5.2	5.4	5.4	5.4
25 PPL to BPA	5.3	5.3	5.7	5.3	5.5	5.7	5.5	5.4	5.5	5.2	5.2	5.4	5.4	5.4
26 PSE to BPA	3.1	3	3.3	3.1	3.2	3.3	3.2	3.1	3.2	3	3	3.1	3.1	3.1
27 Wanapum: Regional Totals	28	28	31	28	30	30	29	29	29	28	28	29	29	29
-Rock Island P.H. #1 CER for Canada-														
28 CHPD to BPA	6.1	5.2	5.7	5.1	5.4	5.2	5.4	5.1	5.6	5.9	7.7	5.7	6.5	6.3
29 PSE to BPA	6.1	5.2	5.7	5.1	5.4	5.2	5.4	5.1	5.6	5.9	7.7	5.7	6.5	6.3
30 Rock Island P.H. #1: Regional Totals	12	10	11	10	11	10	11	10	11	12	15	11	13	12
-Rock Island P.H. #2 CER for Canada-														
31 CHPD to BPA	1.2	1.5	1.7	1.6	1.6	1.8	1.6	1.6	1.5	1.2	0.5	1.4	1.2	1.8
32 PSE to BPA	4.7	6.1	6.7	6.3	6.6	7.4	6.5	6.6	6.1	5.0	2.1	5.8	4.6	4.3
33 Rock Island P.H. #2: Regional Totals	5.9	7.6	8.4	7.9	8.2	9.2	8.1	8.2	7.6	6.2	2.6	7.2	5.8	6.1
-Rocky Reach CER for Canada-														
34 AVWP to BPA	1.1	1.1	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
35 CHPD to BPA	5.7	5.6	6.2	5.7	5.9	6.1	5.9	5.7	5.9	5.6	5.6	5.8	5.8	5.8
36 CLKM to BPA	8.6	8.6	9.4	8.6	9.0	9.3	8.9	8.7	8.9	8.5	8.5	8.8	8.9	8.8
37 DOPD to BPA	1	1	1.1	1	1.1	1.1	1.1	1.1	1.1	1	1	1.1	1.1	1.1
38 PGE to BPA	4.5	4.5	4.9	4.5	4.7	4.8	4.7	4.6	4.7	4.4	4.5	4.6	4.6	4.6
39 PPL to BPA	2.0	2.0	2.2	2.0	2.1	2.1	2.1	2	2.1	2.0	2.0	2	2	2
40 PSE to BPA	15	15	16	15	15	16	15	15	15	14	14	15	15	15
41 Rocky Reach: Regional Totals	38	37	41	38	39	40	39	38	39	37	37	38	39	38
-Wells CER for Canada-														
42 AVWP to BPA	0.9	0.9	1.0	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
43 DOPD to BPA	6.7	6.6	7.2	6.6	7.0	7.2	6.9	6.8	6.9	6.6	6.6	6.8	6.9	6.8
44 OKPD to BPA	1.9	1.9	2.1	1.9	2	2.1	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0
45 PGE to BPA	5.1	5	5.5	5.1	5.3	5.5	5.3	5.1	5.3	5	5	5.2	5.2	5.2
46 PPL to BPA	1.7	1.7	1.9	1.7	1.8	1.9	1.8	1.8	1.8	1.7	1.7	1.8	1.8	1.8
47 PSE to BPA	7.8	7.7	8.4	7.8	8.1	8.4	8	7.9	8	7.7	7.7	7.9	8	7.9
48 Wells: Regional Totals	24	24	26	24	25	26	25	24	25	24	24	25	25	25
-Total CER For Canada-														
49 Federal System	645	646	633	645	639	634	640	643	640	647	647	642	641	642
50 Public Entities	52	51	56	51	54	55	53	52	53	51	52	53	54	54
51 Investor-Owned Entities	77	77	84	77	81	84	80	78	80	76	75	79	79	78
52 Other Entities	8.6	8.6	9.4	8.6	9.0	9.3	8.9	8.7	8.9	8.5	8.5	8.8	8.9	8.8
53 Non-NW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 Total CER For Canada	782	783	782	783	783	783	783	783	783	782	783	783	783	783

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-16
Intra Regional Transfers
Monthly OY 2002, 2006 & 2011
Capacity in Megawatts**

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-16: Intra-Regional Transfers
PNW Loads and Resources Study
2001 - 2002 Operating Year
2000 White Book**

Continued

10/1/2001

<i>Capacity 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>
75 BPA To WSEC SSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 CHPD To PGE C/N/X	50	50	50	50	0	0	0	0	0	0	0	0	50	50
77 CLKM To PPL C/N/X	103	103	103	103	103	103	103	103	103	103	103	103	103	103
78 DOPD To PGE Pwr S	11	11	11	11	11	11	11	11	11	11	11	11	11	11
79 GCPD To PPL Pwr S	14	14	14	14	14	14	14	14	14	14	14	14	14	14
80 IPC To MPC S/Pwr/X	0	0	0	0	0	50	50	50	0	0	0	0	0	0
81 IPC To OTEC Pwr S	1.1	1.1	1.1	0	0	0	0	0	0	0	0	0	0	0
82 IPC To SCL S/N/X	0	0	0	0	50	50	50	50	0	0	0	0	0	0
83 KLCK To CCPD ARP	0	0	0	1	1	1	1	1	1	1	1	1	1	1
84 KLCK To Other Entities	0	0	0	20	20	20	20	20	20	20	20	20	20	20
85 MCPD3 To BPA PwrS(a)	0	0	0	0	0	0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
86 MCPD3 To MCPD1 ARP	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87 MPC To GLEC Pwr S	8	8	8	0	0	0	0	0	0	0	0	0	0	0
88 MPC To IPC S/Pwr/X	75	75	0	0	0	0	0	0	0	0	0	0	0	75
89 MPC To PSE Pwr S	97	97	97	97	97	97	97	97	97	97	97	97	97	97
90 NWCP To PSE Pwr S	4	4	4	4	4	4	4	4	4	4	4	4	4	4
91 OEWR To EWEB Pwr S	34	34	34	0	0	0	0	0	0	0	0	0	0	0
92 Other Entities To AVWP	25	25	25	25	25	25	0	0	0	0	0	0	0	0
93 Other Entities To BPA	1139	1139	1140	1824	1888	1938	1786	1786	1787	1486	1086	936	938	1837
94 Other Entities To PGE	29	29	29	29	29	29	0	0	0	0	0	0	0	0
95 PGE To AVWP Pk Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 PGE To CCPD Pwr S	2	2	2	0	0	0	0	0	0	0	0	0	0	0
97 PGE To CHPD Xchg Nrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 PGE To CHPD Pk Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 PGE To CNBY Pwr S	20	20	20	0	0	0	0	0	0	0	0	0	0	0
100 PGE To PPL Cove Repl	3	3	3	3	3	3	3	3	3	3	3	3	3	3
101 PGE To SHPD Pwr S	62	62	62	0	0	0	0	0	0	0	0	0	0	0
102 POPD To OEWR Pwr S	75	75	75	75	75	75	75	75	75	75	75	75	75	75
103 POPD To SCL Pwr S	12	12	12	12	12	12	12	12	12	12	12	12	12	12
104 PPL To AVWP S/Pwr/X	0	0	0	0	0	50	50	50	0	0	0	0	0	0
105 PPL To BPA S/Pwr/X	0	0	23	22	23	0	0	0	0	0	0	0	0	0
106 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107 PPL To BPA Pk Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108 PPL To CLKM Xchg Nrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 PPL To CLKM Pk Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110 PPL To FLHD Pwr S	67	67	67	0	0	0	0	0	0	0	0	0	0	0
111 PPL To FLHD Pwr S	3	3	3	0	0	0	0	0	0	0	0	0	0	0
112 PPL To FLHD Pwr S	3	3	3	0	0	0	0	0	0	0	0	0	0	0
113 PPL To FLHD Pwr S	0	0	0	16	16	16	16	16	16	16	16	16	16	16
114 PPL To PSE Pwr S	200	200	200	200	200	200	200	200	200	200	200	200	200	200
115 PPL To SUB Pwr S	50	50	45	45	50	50	45	40	40	40	40	35	35	35
116 PSE To BPA WP3 Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117 PSE To BPA Pwr S	25	25	25	0	0	0	0	0	0	0	0	0	0	0
118 SCL To BPA PwrS(a)	0	0	0	100	100	100	0	0	0	0	0	0	0	0
119 SCL To IPC S/N/X	54	54	32	0	0	0	0	0	0	0	0	0	0	100
120 SCL To POPD Pwr S	36	36	36	36	36	36	36	36	36	36	36	36	36	36
121 SCL To TPU S/Pwr/X	0	0	0	50	0	0	0	0	0	0	0	0	0	0
122 SHPD To PSE Pwr S	11	11	11	13	16	22	21	18	16	14	14	12	11	11
123 TAUC To AVWP Pwr S	201	201	201	201	201	201	201	201	201	201	201	100	201	201
124 TPU To BPA PwrX(a)	0	0	0	0	0	0	35	35	35	35	35	35	35	35
125 TPU To SCL S/Pwr/X	50	50	0	0	0	0	0	0	0	0	0	0	0	0
126 Total Contracts	4956	4956	4874	5423	5751	5938	5003	4951	4690	4380	3980	3551	4007	5094
-Total Contracts Out-														
127 Federal System	1733	1733	1780	2031	2336	2391	1885	1841	1731	1724	1724	1552	1657	1670
128 Public Entities	318	318	245	386	289	295	235	232	230	228	228	226	275	375
129 Investor-Owned Entities	1636	1636	1579	1185	1253	1330	1167	1162	1012	1037	1037	932	1232	1307
130 Other Entities	1269	1269	1270	1820	1872	1922	1717	1717	1718	1392	992	842	844	1743
131 Total Contracts Out	4956	4956	4874	5423	5751	5938	5003	4951	4690	4380	3980	3551	4007	5094
-Total Contracts In-														
132 Federal System	1164	1164	1188	2046	2111	2138	1826	1826	1827	1526	1126	976	978	1877
133 Public Entities	680	680	643	348	341	341	332	327	277	277	277	272	272	272
134 Investor-Owned Entities	2391	2391	2324	2049	2244	2379	2240	2193	1981	1952	1952	1678	2132	2295
135 Other Entities	720	720	720	980	1055	1080	605	605	605	625	625	625	625	650
136 Total Contracts In	4956	4956	4874	5423	5751	5938	5003	4951	4690	4380	3980	3551	4007	5094

**Table A-16: Intra-Regional Transfers
PNW Loads and Resources Study
2005 - 2006 Operating Year
2000 White Book**

<i>Capacity 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>
-Intra-Regional Transfers-														
1 AVWP To BPA WP3 Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE Cap S	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 AVWP To PPL S/Pwr/X	50	50	50	0	0	0	0	0	0	0	0	0	50	50
4 AVWP To SHPD Pwr S	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5 BPA To AVWP WP3 Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
6 BPA To DOPD Pwr S	50	50	50	50	50	50	50	50	50	0	0	0	0	0
7 BPA To Other Entities	155	155	155	155	155	155	50	50	50	0	0	0	0	50
8 BPA To PPL Pwr S	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
9 BPA To PPL Cap S	575	575	575	575	575	575	575	575	575	575	575	575	575	575
10 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	87	84
11 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 BPA To PSE WP3 Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
13 BPA To TPU Pwr X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 CHPD To PGE C/N/X	50	50	50	50	0	0	0	0	0	0	0	0	50	50
15 DOPD To PGE Pwr S	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16 GCPD To PPL Pwr S	14	14	14	14	14	14	14	14	14	14	14	14	14	14
17 MPC To PSE Pwr S	97	97	97	97	97	97	97	97	97	97	97	97	0	97
18 NWCP To PSE Pwr S	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19 Other Entities To BPA	1446	1446	1446	1445	1446	1445	1045	1044	1045	745	745	595	596	1047
20 PGE To AVWP Pk Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PGE To CHPD Xchg Nrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PGE To CHPD Pk Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 PGE To PPL Cove Repl	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24 POPD To OEWR Pwr S	75	75	75	75	75	75	75	75	75	75	75	75	75	75
25 PPL To AVWP S/Pwr/X	0	0	0	0	0	50	50	50	0	0	0	0	0	0
26 PPL To BPA S/Pwr/X	0	0	58	56	58	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
28 PPL To BPA Pk Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 PPL To FLHD Pwr S	16	16	16	16	16	16	16	16	16	16	16	16	16	16
30 PPL To SUB Pwr S	50	50	45	45	50	50	45	40	40	40	40	35	35	35
31 PSE To BPA WP3 Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SCL To POPD Pwr S	48	48	48	48	48	48	48	48	48	48	48	48	48	48
33 SHPD To PSE Pwr S	11	11	11	13	16	22	21	18	16	14	14	12	11	11
34 TAUC To AVWP Pwr S	201	201	201	201	201	201	201	201	201	201	201	100	201	201
35 TPU To BPA PwrX(a)	35	35	35	35	35	35	35	35	35	35	35	35	35	35
36 Total Contracts	3154	3154	3236	3252	3429	3481	2943	2890	2729	2300	2300	1871	2079	2690
-Total Contracts Out-														
37 Federal System	793	793	822	888	1105	1159	1028	984	874	747	747	575	680	743
38 Public Entities	248	248	248	250	203	209	208	205	203	201	201	199	248	248
39 Investor-Owned Entities	845	845	898	846	853	845	840	835	785	785	785	680	733	830
40 Other Entities	1268	1268	1268	1267	1268	1267	867	866	867	567	567	417	418	869
41 Total Contracts Out	3154	3154	3236	3252	3429	3481	2943	2890	2729	2300	2300	1871	2079	2690
-Total Contracts In-														
42 Federal System	1481	1481	1539	1536	1539	1480	1080	1079	1080	780	780	630	631	1082
43 Public Entities	264	264	259	259	264	264	259	254	254	204	204	199	199	199
44 Investor-Owned Entities	1179	1179	1208	1227	1396	1507	1479	1432	1270	1241	1241	967	1174	1284
45 Other Entities	230	230	230	230	230	230	125	125	125	75	75	75	75	125
46 Total Contracts In	3154	3154	3236	3252	3429	3481	2943	2890	2729	2300	2300	1871	2079	2690

**Table A-16: Intra-Regional Transfers
PNW Loads and Resources Study
2010 - 2011 Operating Year
2000 White Book**

<i>Capacity 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>
-Intra-Regional Transfers-														
1 AVWP To BPA WP3 Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AVWP To PGE Cap S	150	150	150	150	150	150	150	150	150	150	150	150	150	150
3 BPA To AVWP WP3 Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
4 BPA To PPL Pwr S	13	13	42	108	161	215	189	145	117	90	90	0.1	18	34
5 BPA To PPL Cap S	575	575	575	575	575	575	575	575	575	575	575	575	575	575
6 BPA To PPL S/Pwr/X	0	0	0	0	0	0	0	0	0	0	0	0	87	84
7 BPA To PPL S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA To PSE WP3 Set	0	0	0	0	82	82	82	82	41	41	41	0	0	0
9 CHPD To PGE C/N/X	50	50	50	50	0	0	0	0	0	0	0	0	0	0
10 DOPD To PGE Pwr S	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11 GCPD To PPL Pwr S	14	14	14	14	14	14	14	14	14	14	14	14	14	14
12 MPC To PSE Pwr S	97	97	97	97	97	97	0	0	0	0	0	0	0	0
13 NWCP To PSE Pwr S	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14 PGE To AVWP Pk Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PGE To CHPD Xchg Nrg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 PGE To CHPD Pk Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 POPD To OEWR Pwr S	75	75	75	75	75	75	75	75	75	75	75	75	75	75
18 PPL To BPA S/Pwr/X	0	0	58	56	58	0	0	0	0	0	0	0	0	0
19 PPL To BPA S/N/X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PPL To BPA Pk Repl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PPL To SUB Pwr S	50	50	45	45	50	50	45	40	40	40	40	35	35	35
22 PSE To BPA WP3 Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SCL To POPD Pwr S	48	48	48	48	48	48	48	48	48	48	48	48	48	0
24 TAUC To AVWP Pwr S	201	201	201	201	201	201	201	201	201	201	100	100	201	201
25 Total Contracts	1288	1288	1370	1435	1608	1605	1476	1427	1317	1290	1190	1013	1218	1183
-Total Contracts Out-														
26 Federal System	588	588	617	683	900	954	928	884	774	747	747	575	680	693
27 Public Entities	202	202	202	202	152	152	152	152	152	152	152	152	152	104
28 Investor-Owned Entities	498	498	551	549	556	498	396	391	391	391	290	286	386	386
29 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Total Contracts Out	1288	1288	1370	1435	1608	1605	1476	1427	1317	1290	1190	1013	1218	1183
-Total Contracts In-														
31 Federal System	0	0	58	56	58	0	0	0	0	0	0	0	0	0
32 Public Entities	98	98	93	93	98	98	93	88	88	88	88	83	83	35
33 Investor-Owned Entities	1115	1115	1144	1211	1377	1432	1308	1264	1154	1127	1026	855	1060	1073
34 Other Entities	75	75	75	75	75	75	75	75	75	75	75	75	75	75
35 Total Contracts In	1288	1288	1370	1435	1608	1605	1476	1427	1317	1290	1190	1013	1218	1183

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-17
Capacity Reserves
Monthly OY 2002, 2006 & 2011
Capacity in Megawatts**

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-17: Capacity Reserves
PNW Loads and Resources Study
2001 - 2002 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
Hydro Reserves														
-Federal Entities-														
1 BPA - Power Business	851	851	852	853	867	940	941	938	917	911	911	918	931	855
2 Total Federal Entities	851	851	852	853	867	940	941	938	917	911	911	918	931	855
-Generating Public Entities-														
3 Chelan County PUD #1	21	21	21	21	21	21	21	21	21	21	21	21	19	23
4 Clark County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Cowlitz County PUD #1	6.3	6.3	5.0	6.3	5.9	5.1	4.9	4.9	4.9	4.9	4.9	2.1	6.2	6.4
6 Douglas County PUD #1	13	13	13	13	13	13	13	13	13	13	13	13	13	13
7 Eugene Water & Electric Board	5.1	5.1	5.1	5.0	4.8	4.8	4.6	4.9	6	6.6	6.6	6.9	6.6	6.2
8 Grant County PUD #2	33	33	33	33	33	33	33	33	33	33	33	33	33	33
9 Okanogan County PUD #1	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
10 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4
11 Seattle City Light	86	85	77	81	86	85	84	83	83	82	83	85	92	86
12 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
13 Tacoma Public Utilities	41	38	33	33	37	36	31	36	24	33	32	17	36	33
14 Total Generating Public Entities	218	215	200	206	213	210	204	209	198	207	206	191	219	213
-Non-Generating Public Entities-														
15 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clallam County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Consumers Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Emerald County PUD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Fall River Elec Coop	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22 Forest Grove, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
23 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
24 Kittitas County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Lower Valley P & L	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 McMinnville, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
30 Milton Freewater, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31 Northern Lights	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 Northern Wasco County PUD	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
33 Oregon Trail Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Tillamook PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Total Non-Generating Public Entities	4.6	4.6	4.4	4.3	4.3	4.3	4.3	4.3	4.7	4.7	4.7	4.6	4.6	4.7
-Investor-Owned Entities-														
39 Avista Corp (WWP Division)	58	58	58	58	58	57	57	57	55	55	55	56	58	58
40 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
41 Montana Power Company (Regional)	9.5	9.5	8.1	7.7	6.7	6.3	6.4	5.7	5.9	5.4	5.4	8	9	9.9
42 PacifiCorp	63	64	57	62	61	60	58	57	57	58	58	45	64	65
43 Portland General Electric	62	62	62	62	62	62	62	62	62	62	62	62	62	62
44 Puget Sound Energy	83	82	78	82	81	80	72	80	80	81	81	81	82	81
45 Total Investor-Owned Entities	359	360	344	353	344	339	336	333	339	345	346	338	352	363
-Other Entities-														
46 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
47 Longview Fibre	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 San Diego Gas & Electric (Boardman)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 Turlock Irrigation District (Boardman)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Total Other Entities	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Small Thermal & Misc. Reserves														
-Federal Entities-														
51 BPA - Power Business	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6
52 Total Federal Entities	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6
-Generating Public Entities-														
53 Clark County PUD #1	12	12	12	12	13	13	13	13	12	12	12	0	12	12
54 Eugene Water & Electric Board	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
55 Grant County PUD #2	0.7	0.7	0.6	0.4	0	0	0	0	0.4	0.7	0.7	0.8	0.8	0.7
56 Seattle City Light	6.1	6.1	3.8	1.4	0.2	0.3	0.5	0.6	1.4	4.4	4.4	6.7	7.1	6.9
57 Snohomish County PUD #1	1.9	1.9	1.9	1.4	1.4	1.4	1.4	1.4	1.4	1.9	1.9	1.9	1.9	1.9
58 Tacoma Public Utilities	2.8	2.8	1.7	0.8	0.1	0.1	0.1	0.1	0.3	1.8	1.8	2.5	2.8	3
59 Total Generating Public Entities	24	24	21	18	16	15	16	16	17	23	23	15	28	25

**Table A-17: Capacity Reserves
PNW Loads and Resources Study
2001 - 2002 Operating Year
1937 Water Year
2000 White Book**

Continued

10/1/2001

<i>Capacity 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>
-Non-Generating Public Entities-														
60 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Clallam County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Consumers Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
63 Emerald County PUD	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
64 Fall River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Klickitat County PUD #1	0	0	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
66 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Mason County PUD #3	0	0	0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
68 Oregon Trail Coop	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
69 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 Tillamook PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
71 Total Non-Generating Public Entities	0.8	0.8	0.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
-Investor-Owned Entities-														
72 Avista Corp (WWP Division)	19	19	19	19	19	19	16	16	16	16	16	4.9	16	16
73 Idaho Power Company	7.4	7.4	6.5	4.9	4.2	3.2	3.2	3.5	4.1	5.7	5.7	7	7.9	7.8
74 Montana Power Company (Regional)	4.4	4.4	3.7	3.9	3.3	3	3.1	2.8	2.9	2.7	2.7	4.0	1.7	4.6
75 Pacificorp	26	26	26	26	26	26	25	26	26	26	26	3.2	26	26
76 Portland General Electric	38	38	38	38	39	39	39	39	39	14	39	38	38	38
77 Puget Sound Energy	49	49	49	49	72	72	72	72	49	49	49	22	41	49
78 Total Investor-Owned Entities	143	143	142	141	163	162	158	159	136	113	138	79	131	141
-Other Entities-														
79 Longview Fibre	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
80 Total Other Entities	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Large Thermal Reserves														
-Federal Entities-														
81 BPA - Power Business	174	174	174	174	174	174	174	174	174	174	174	174	174	174
82 Total Federal Entities	174	174	174	174	174	174	174	174	174	174	174	174	174	174
-Generating Public Entities-														
83 Total Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Non-Generating Public Entities-														
84 Total Non-Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Investor-Owned Entities-														
85 Avista Corp (WWP Division)	33	33	33	33	33	33	33	33	33	33	33	33	33	33
86 Idaho Power Company	150	150	150	150	150	150	150	150	132	124	124	116	150	150
87 Montana Power Company (Regional)	61	61	56	58	54	52	53	51	51	50	50	51	59	62
88 Pacificorp	22	22	22	22	22	22	22	22	22	22	22	22	22	22
89 Portland General Electric	98	98	98	98	98	98	98	98	98	98	98	44	98	98
90 Puget Sound Energy	102	102	102	102	102	102	102	102	102	102	102	79	102	102
91 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	201	201	100	201	201
92 Total Investor-Owned Entities	667	667	663	664	660	659	659	658	640	630	630	446	666	668
-Other Entities-														
93 San Diego Gas & Electric (Boardman)	12	12	12	12	12	12	12	12	12	12	12	0	12	12
94 Turlock Irrigation District (Boardman)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	0	8.2	8.2
95 Total Other Entities	20	20	20	20	20	20	20	20	20	20	20	0	20	20
Contract Reserves														
-Federal Entities-														
96 Total Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Generating Public Entities-														
97 Total Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Non-Generating Public Entities-														
98 Total Non-Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Investor-Owned Entities-														
99 Pacificorp	164	164	92	131	76	145	146	152	128	119	119	138	183	160
100 Total Investor-Owned Entities	164	164	92	131	76	145	146	152	128	119	119	138	183	160
-Other Entities-														
101 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Total Capacity Reserves-														
102 Total Hydro Reserves	1447	1445	1415	1431	1443	1508	1500	1500	1473	1483	1482	1467	1522	1450
103 Total Small Thermal & Misc Reserves	172	172	167	164	184	182	179	180	159	141	166	100	164	172

**Table A-17: Capacity Reserves
PNW Loads and Resources Study
2001 - 2002 Operating Year
1937 Water Year
2000 White Book**

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
104 Total Large Thermal Reserves	862	862	857	859	855	853	854	852	834	824	824	620	860	863
105 Total Contract Reserves	164	164	92	131	76	145	146	152	128	119	119	138	183	160
106 Total Capacity Reserves	2645	2643	2532	2584	2558	2688	2679	2684	2595	2568	2592	2325	2729	2645

**Table A-17: Capacity Reserves
PNW Loads and Resources Study
2005 - 2006 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
Hydro Reserves														
-Federal Entities-														
1 BPA - Power Business	851	852	853	853	867	940	941	938	917	911	911	918	931	855
2 Total Federal Entities	851	852	853	853	867	940	941	938	917	911	911	918	931	855
-Generating Public Entities-														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	25	27
4 Clark County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Cowlitz County PUD #1	6.3	6.3	5.0	6.3	5.9	5.1	4.9	4.9	4.9	4.9	4.9	2.1	6.2	6.4
6 Douglas County PUD #1	13	13	13	13	13	13	13	13	13	13	13	13	13	13
7 Eugene Water & Electric Board	5.1	5.1	5.1	5.0	4.8	4.8	4.6	4.9	6	6.6	6.6	6.9	6.6	6.2
8 Grant County PUD #2	33	33	33	33	61	61	61	61	61	61	61	61	61	61
9 Okanogan County PUD #1	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
10 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4
11 Seattle City Light	86	85	77	81	86	85	84	83	83	82	83	85	92	86
12 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
13 Tacoma Public Utilities	41	38	33	33	37	36	31	36	24	33	32	17	36	33
14 Total Generating Public Entities	224	221	206	212	248	244	238	244	232	241	240	225	253	245
-Non-Generating Public Entities-														
15 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clallam County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Consumers Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Emerald County PUD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Fall River Elec Coop	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22 Forest Grove, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
23 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
24 Kittitas County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Lower Valley P & L	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 McMinnville, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
30 Milton Freewater, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31 Northern Lights	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 Northern Wasco County PUD	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
33 Oregon Trail Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Tillamook PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Total Non-Generating Public Entities	4.6	4.6	4.4	4.3	4.3	4.3	4.3	4.3	4.7	4.7	4.7	4.6	4.6	4.7
-Investor-Owned Entities-														
39 Avista Corp (WWP Division)	58	58	58	58	58	57	57	57	55	55	55	56	58	58
40 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
41 Montana Power Company (Regional)	7.9	7.9	8.1	7.6	6.6	7.2	7.4	6.6	5.9	5.4	5.4	8	9.0	8.3
42 PacifiCorp	62	63	56	62	61	60	58	57	57	58	58	45	64	65
43 Portland General Electric	62	62	62	62	62	62	62	62	62	62	62	62	62	62
44 Puget Sound Energy	77	76	72	76	75	74	66	74	74	75	75	75	76	77
45 Total Investor-Owned Entities	351	351	337	347	338	334	331	328	333	339	340	332	346	357
-Other Entities-														
46 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
47 Longview Fibre	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 San Diego Gas & Electric (Boardman)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 Turlock Irrigation District (Boardman)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Total Other Entities	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Small Thermal & Misc. Reserves														
-Federal Entities-														
51 BPA - Power Business	4	4	4	4.1	4.1	4.2	4.3	4.2	4.2	4.2	4.2	4	4	4
52 Total Federal Entities	4	4	4	4.1	4.1	4.2	4.3	4.2	4.2	4.2	4.2	4	4	4
-Generating Public Entities-														
53 Clark County PUD #1	12	12	12	12	13	13	13	13	12	12	12	0	12	12
54 Eugene Water & Electric Board	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
55 Grant County PUD #2	0.7	0.7	0.6	0.4	0	0	0	0	0.4	0.7	0.7	0.8	0.8	0.7
56 Seattle City Light	6.1	6.1	3.8	1.4	0.2	0.3	0.5	0.6	1.4	4.4	4.4	6.7	7.1	6.9
57 Snohomish County PUD #1	1.9	1.9	1.9	1.4	1.4	1.4	1.4	1.4	1.4	1.9	1.9	1.9	1.9	1.9
58 Tacoma Public Utilities	2.8	2.8	1.7	0.8	0.1	0.1	0.1	0.1	0.3	1.8	1.8	2.5	2.8	3
59 Total Generating Public Entities	24	24	21	18	16	15	16	16	17	23	23	15	28	25

**Table A-17: Capacity Reserves
PNW Loads and Resources Study
2005 - 2006 Operating Year
1937 Water Year
2000 White Book**

Continued

10/1/2001

<i>Capacity 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>
-Non-Generating Public Entities-														
60 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Clallam County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Consumers Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
63 Emerald County PUD	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
64 Fall River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Klickitat County PUD #1	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
66 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Mason County PUD #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
68 Oregon Trail Coop	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0	0	0	0	0	0
69 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 Tillamook PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
71 Total Non-Generating Public Entities	1.8	1.8	1.8	1.8	1.8	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
-Investor-Owned Entities-														
72 Avista Corp (WWP Division)	16	16	16	16	16	16	16	16	16	16	16	4.9	16	16
73 Idaho Power Company	7.4	7.4	6.5	4.9	4.2	3.2	3.2	3.5	4.1	5.7	5.7	7	7.9	7.8
74 Montana Power Company (Regional)	3.6	3.6	3.7	3.9	3.3	3.5	3.6	3.3	2.9	2.7	2.7	4.0	1.7	3.8
75 PacifiCorp	26	26	26	26	26	26	25	26	26	26	26	3.2	26	26
76 Portland General Electric	38	38	38	38	39	39	39	39	39	14	39	38	38	38
77 Puget Sound Energy	49	49	49	49	72	72	72	72	49	49	49	22	41	49
78 Total Investor-Owned Entities	140	140	139	138	160	159	158	159	136	113	138	79	131	140
-Other Entities-														
79 Longview Fibre	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
80 Total Other Entities	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Large Thermal Reserves														
-Federal Entities-														
81 BPA - Power Business	174	174	174	174	174	174	174	174	174	174	174	174	174	174
82 Total Federal Entities	174	174	174	174	174	174	174	174	174	174	174	174	174	174
-Generating Public Entities-														
83 Total Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Non-Generating Public Entities-														
84 Total Non-Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Investor-Owned Entities-														
85 Avista Corp (WWP Division)	33	33	33	33	33	33	33	33	33	33	33	33	17	33
86 Idaho Power Company	150	150	150	150	150	150	150	150	150	124	124	116	150	150
87 Montana Power Company (Regional)	56	56	56	57	54	55	56	54	51	50	50	51	26	57
88 PacifiCorp	22	22	22	22	22	22	22	22	22	22	22	22	11	22
89 Portland General Electric	98	98	98	98	98	98	98	98	98	98	98	44	76	98
90 Puget Sound Energy	102	102	102	102	102	102	102	102	102	102	102	79	74	102
91 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	201	201	100	201	201
92 Total Investor-Owned Entities	663	663	663	664	660	662	662	660	658	630	630	446	554	664
-Other Entities-														
93 San Diego Gas & Electric (Boardman)	12	12	12	12	12	12	12	12	12	12	12	0	12	12
94 Turlock Irrigation District (Boardman)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	0	8.2	8.2
95 Total Other Entities	20	20	20	20	20	20	20	20	20	20	20	0	20	20
Contract Reserves														
-Federal Entities-														
96 Total Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Generating Public Entities-														
97 Total Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Non-Generating Public Entities-														
98 Total Non-Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Investor-Owned Entities-														
99 PacifiCorp	147	147	125	116	98	127	129	135	97	103	103	123	168	142
100 Total Investor-Owned Entities	147	147	125	116	98	127	129	135	97	103	103	123	168	142
-Other Entities-														
101 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Total Capacity Reserves-														
102 Total Hydro Reserves	1446	1443	1415	1431	1471	1538	1529	1529	1502	1511	1511	1495	1550	1477
103 Total Small Thermal & Misc Reserves	172	172	168	163	183	182	182	183	161	144	169	102	166	173

**Table A-17: Capacity Reserves
PNW Loads and Resources Study
2005 - 2006 Operating Year
1937 Water Year
2000 White Book**

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
104 Total Large Thermal Reserves	857	857	857	858	855	856	857	855	852	824	824	620	749	858
105 Total Contract Reserves	147	147	125	116	98	127	129	135	97	103	103	123	168	142
106 Total Capacity Reserves	2622	2620	2565	2568	2607	2703	2697	2702	2612	2582	2607	2340	2633	2651

**Table A-17: Capacity Reserves
PNW Loads and Resources Study
2010 - 2011 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
Hydro Reserves														
-Federal Entities-														
1 BPA - Power Business	851	852	853	853	867	940	941	938	917	911	911	918	931	855
2 Total Federal Entities	851	852	853	853	867	940	941	938	917	911	911	918	931	855
-Generating Public Entities-														
3 Chelan County PUD #1	27	27	27	27	27	27	27	27	27	27	27	27	25	27
4 Clark County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Cowlitz County PUD #1	6.3	6.3	5.0	6.3	5.9	5.1	4.9	4.9	4.9	4.9	4.9	2.1	6.2	6.4
6 Douglas County PUD #1	13	13	13	13	13	13	13	13	13	13	13	13	13	13
7 Eugene Water & Electric Board	5.1	5.1	5.1	5.0	4.8	4.8	4.6	4.9	6	6.6	6.6	6.9	6.6	6.2
8 Grant County PUD #2	90	90	90	90	90	90	90	90	90	90	90	90	90	90
9 Okanogan County PUD #1	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
10 Pend Oreille County PUD #1	4.2	4.2	4.2	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4	4.0	4.0	4
11 Seattle City Light	86	85	77	81	86	85	84	83	83	82	83	85	92	86
12 Snohomish County PUD #1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
13 Tacoma Public Utilities	41	38	33	33	37	36	31	36	24	33	32	17	36	33
14 Total Generating Public Entities	281	278	263	269	277	273	267	272	261	270	269	254	282	274
-Non-Generating Public Entities-														
15 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Bonners Ferry, City of	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17 Centralia, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18 Clallam County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Consumers Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Emerald County PUD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Fall River Elec Coop	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22 Forest Grove, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
23 Idaho Falls, City of	1.0	1.0	0.8	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1	1	1.1
24 Kittitas County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25 Klickitat County PUD #1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26 Lewis County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Lower Valley P & L	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 McMinnville, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
30 Milton Freewater, City of	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31 Northern Lights	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32 Northern Wasco County PUD	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
33 Oregon Trail Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 Port Angeles, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 Soda Springs, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Tillamook PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 Total Non-Generating Public Entities	4.6	4.6	4.4	4.3	4.3	4.3	4.3	4.3	4.7	4.7	4.7	4.6	4.6	4.7
-Investor-Owned Entities-														
39 Avista Corp (WWP Division)	58	58	58	58	58	57	57	57	55	55	55	56	58	58
40 Idaho Power Company	84	85	82	82	75	75	81	72	79	84	85	87	79	88
41 Montana Power Company (Regional)	8.2	8.2	8.4	7.8	8.8	9.5	9.7	8.8	8.2	7.6	7.6	9.6	9.3	8.6
42 PacifiCorp	62	63	56	62	61	60	58	57	57	58	58	45	64	65
43 Portland General Electric	62	62	62	62	62	62	62	62	62	62	62	62	62	62
44 Puget Sound Energy	77	76	72	76	75	74	66	74	74	75	75	75	76	77
45 Total Investor-Owned Entities	351	352	338	347	340	337	333	331	336	341	343	334	347	358
-Other Entities-														
46 Colockum Transmission Company	15	15	15	15	15	15	15	15	15	15	15	15	15	15
47 Longview Fibre	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 San Diego Gas & Electric (Boardman)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 Turlock Irrigation District (Boardman)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 Total Other Entities	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Small Thermal & Misc. Reserves														
-Federal Entities-														
51 BPA - Power Business	4	4	4	4.1	4.1	4.2	4.3	4.2	4.2	4.2	4.2	4	4	4
52 Total Federal Entities	4	4	4	4.1	4.1	4.2	4.3	4.2	4.2	4.2	4.2	4	4	4
-Generating Public Entities-														
53 Clark County PUD #1	12	12	12	12	13	13	13	13	13	12	12	0	12	12
54 Eugene Water & Electric Board	1	1	1	1.3	1.3	0.2	1	1	1.1	1.5	1.5	2.8	2.8	0.5
55 Grant County PUD #2	0.7	0.7	0.6	0.4	0	0	0	0	0.4	0.7	0.7	0.8	0.8	0.7
56 Seattle City Light	6.1	6.1	3.8	1.4	0.2	0.3	0.5	0.6	1.4	4.4	4.4	6.7	7.1	6.9
57 Snohomish County PUD #1	1.9	1.9	1.9	1.4	1.4	1.4	1.4	1.4	1.4	1.9	1.9	1.9	1.9	1.9
58 Tacoma Public Utilities	2.8	2.8	1.7	0.8	0.1	0.1	0.1	0.1	0.3	1.8	1.8	2.5	2.8	3
59 Total Generating Public Entities	24	24	21	18	16	15	16	16	17	23	23	15	28	25

**Table A-17: Capacity Reserves
PNW Loads and Resources Study
2010 - 2011 Operating Year
1937 Water Year
2000 White Book**

Continued

10/1/2001

<i>Capacity 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>
-Non-Generating Public Entities-														
60 Ashland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Clallam County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 Consumers Power	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
63 Emerald County PUD	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
64 Fall River Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Klickitat County PUD #1	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
66 Mason County PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Mason County PUD #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
68 Oregon Trail Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69 Tanner Elec Coop	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 Tillamook PUD #1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
71 Total Non-Generating Public Entities	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
-Investor-Owned Entities-														
72 Avista Corp (WWP Division)	16	16	16	16	16	16	16	16	16	16	16	4.9	16	16
73 Idaho Power Company	7.4	7.4	6.5	4.9	4.2	3.2	3.2	3.5	4.1	5.7	5.7	7	7.9	7.8
74 Montana Power Company (Regional)	3.8	3.8	3.8	4	4.3	4.6	4.7	4.4	4	3.8	3.8	4.8	1.8	4.0
75 Pacificorp	26	26	26	26	26	26	25	26	26	26	26	3.2	26	26
76 Portland General Electric	38	38	38	38	39	39	39	39	39	14	39	38	38	38
77 Puget Sound Energy	49	49	49	49	72	72	72	72	49	49	49	22	41	49
78 Total Investor-Owned Entities	140	140	139	138	161	160	159	160	137	114	139	80	131	141
-Other Entities-														
79 Longview Fibre	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
80 Total Other Entities	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Large Thermal Reserves														
-Federal Entities-														
81 BPA - Power Business	174	174	174	174	174	174	174	174	174	174	174	174	0	174
82 Total Federal Entities	174	174	174	174	174	174	174	174	174	174	174	174	0	174
-Generating Public Entities-														
83 Total Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Non-Generating Public Entities-														
84 Total Non-Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Investor-Owned Entities-														
85 Avista Corp (WWP Division)	33	33	33	33	33	33	33	33	33	33	33	33	33	33
86 Idaho Power Company	150	150	150	150	150	150	150	150	150	150	97	142	150	150
87 Montana Power Company (Regional)	57	57	57	58	60	62	63	61	58	57	57	46	60	58
88 Pacificorp	22	22	22	22	22	22	22	22	22	22	22	22	22	22
89 Portland General Electric	98	98	98	98	98	98	98	98	98	98	98	44	98	98
90 Puget Sound Energy	102	102	102	102	102	102	102	102	102	102	102	56	102	102
91 Trans Alta Utilities Corp	201	201	201	201	201	201	201	201	201	100	100	201	201	201
92 Total Investor-Owned Entities	663	663	663	665	667	669	669	668	665	563	510	544	666	665
-Other Entities-														
93 San Diego Gas & Electric (Boardman)	12	12	12	12	12	12	12	12	12	12	12	0	12	12
94 Turlock Irrigation District (Boardman)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	0	8.2	8.2
95 Total Other Entities	20	20	20	20	20	20	20	20	20	20	20	0	20	20
Contract Reserves														
-Federal Entities-														
96 Total Federal Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Generating Public Entities-														
97 Total Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Non-Generating Public Entities-														
98 Total Non-Generating Public Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Investor-Owned Entities-														
99 Pacificorp	132	132	77	101	135	111	113	119	129	88	88	160	153	126
100 Total Investor-Owned Entities	132	132	77	101	135	111	113	119	129	88	88	160	153	126
-Other Entities-														
101 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Total Capacity Reserves-														
102 Total Hydro Reserves	1503	1501	1473	1488	1502	1569	1560	1561	1533	1542	1542	1526	1579	1506
103 Total Small Thermal & Misc Reserves	172	172	168	163	184	183	183	184	162	145	170	102	166	173

**Table A-17: Capacity Reserves
PNW Loads and Resources Study
2010 - 2011 Operating Year
1937 Water Year
2000 White Book**

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
104 Total Large Thermal Reserves	858	858	858	859	861	863	863	862	859	757	704	719	687	859
105 Total Contract Reserves	132	132	77	101	135	111	113	119	129	88	88	160	153	126
106 Total Capacity Reserves	2665	2663	2576	2612	2683	2726	2720	2726	2684	2532	2504	2507	2585	2665

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-18
Wells & Chelan Allocation
Monthly OY 2002, 2006 & 2011
Capacity 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
2001 - 2002 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Wells-														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
-Wells-														
3 AVWP Share	31	31	31	31	31	31	31	31	31	31	31	31	31	31
4 DOPD Share	233	233	233	233	233	233	233	233	233	233	233	233	233	233
5 OKPD Share	67	67	67	67	67	67	67	67	67	67	67	67	67	67
6 PGE Share	177	177	177	177	177	177	177	177	177	177	177	177	177	177
7 PPL Share	60	60	60	60	60	60	60	60	60	60	60	60	60	60
8 PSE Share	271	271	271	271	271	271	271	271	271	271	271	271	271	271
9 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
-Chelan-														
10 Chelan	54	54	53	53	52	52	51	50	50	49	49	50	13	54
11 Chelan Before Enc	54	54	53	53	52	52	51	50	50	49	49	50	13	54
-Chelan-														
12 CHPD Share	58	58	57	57	56	56	55	54	54	53	53	54	17	58
13 Chelan After Enc	58	58	57	57	56	56	55	54	54	53	53	54	17	58

**Table A-18: Wells and Chelan Allocation
PNW Loads and Resources Study
2005 - 2006 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Wells-														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
-Wells-														
3 AVWP Share	31	31	31	31	31	31	31	31	31	31	31	31	31	31
4 DOPD Share	233	233	233	233	233	233	233	233	233	233	233	233	233	233
5 OKPD Share	67	67	67	67	67	67	67	67	67	67	67	67	67	67
6 PGE Share	177	177	177	177	177	177	177	177	177	177	177	177	177	177
7 PPL Share	60	60	60	60	60	60	60	60	60	60	60	60	60	60
8 PSE Share	271	271	271	271	271	271	271	271	271	271	271	271	271	271
9 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
-Chelan-														
10 Chelan	54	54	53	53	52	52	51	50	50	49	49	50	13	54
11 Chelan Before Enc	54	54	53	53	52	52	51	50	50	49	49	50	13	54
-Chelan-														
12 CHPD Share	58	58	57	57	56	56	55	54	54	53	53	54	17	58
13 Chelan After Enc	58	58	57	57	56	56	55	54	54	53	53	54	17	58

**Table A-18: Wells and Chelan Allocation
PNW Loads and Resources Study
2010 - 2011 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Wells-														
1 Wells	840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 Wells Before Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
-Wells-														
3 AVWP Share	31	31	31	31	31	31	31	31	31	31	31	31	31	31
4 DOPD Share	233	233	233	233	233	233	233	233	233	233	233	233	233	233
5 OKPD Share	67	67	67	67	67	67	67	67	67	67	67	67	67	67
6 PGE Share	177	177	177	177	177	177	177	177	177	177	177	177	177	177
7 PPL Share	60	60	60	60	60	60	60	60	60	60	60	60	60	60
8 PSE Share	271	271	271	271	271	271	271	271	271	271	271	271	271	271
9 Wells After Enc	840	840	840	840	840	840	840	840	840	840	840	840	840	840
-Chelan-														
10 Chelan	54	54	53	53	52	52	51	50	50	49	49	50	13	54
11 Chelan Before Enc	54	54	53	53	52	52	51	50	50	49	49	50	13	54
-Chelan-														
12 CHPD Share	58	58	57	57	56	56	55	54	54	53	53	54	17	58
13 Chelan After Enc	58	58	57	57	56	56	55	54	54	53	53	54	17	58

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-19
Rocky Reach & Rock Island Allocation
Monthly OY 2002, 2006 & 2011
Capacity in Megawatts**

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-19: Rocky Reach and Rock Island Allocation
PNW Loads and Resources Study
2001 - 2002 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Rocky Reach-														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
-Rocky Reach-														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	196	197	196	196	196	196	196	197	197	197
5 CLKM Share	299	299	298	298	298	299	298	299	298	298	298	299	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	155	155	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	505	505	505	505	505	506	505	505	504	504	504	506	505	505
10 Rocky Reach After Enc	1299	1299	1297	1298	1298	1300	1297	1298	1295	1295	1296	1300	1299	1299
-Rock Island PH#1-														
11 Rock Island PH#1	157	158	158	158	158	156	158	158	158	158	158	153	156	157
12 Rock Island PH#1 Before Enc	157	158	158	158	158	156	158	158	158	158	158	153	156	157
-Rock Island PH#1-														
13 CHPD Share	87	87	88	88	88	86	88	88	88	88	88	84	86	87
14 PSE Share	87	87	88	88	88	86	88	88	88	88	88	84	86	87
15 Rock Island PH#1 After Enc	173	175	176	176	176	172	176	175	177	176	176	169	172	174
-Rock Island PH#2-														
16 Rock Island PH#2	356	355	355	355	355	357	355	355	355	355	355	360	357	356
17 Rock Island PH#2 Before Enc	356	355	355	355	355	357	355	355	355	355	355	360	357	356
-Rock Island PH#2-														
18 CHPD Share	79	79	79	79	79	79	79	79	79	79	79	79	79	118
19 PSE Share	315	315	315	315	315	316	315	315	316	316	316	318	316	276
20 Rock Island PH#2 After Enc	394	393	394	393	393	395	394	393	395	395	394	397	395	394

**Table A-19: Rocky Reach and Rock Island Allocation
PNW Loads and Resources Study
2005 - 2006 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Rocky Reach-														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
-Rocky Reach-														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	196	197	196	196	196	196	196	197	197	197
5 CLKM Share	299	299	298	298	298	299	298	299	298	298	298	299	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	155	155	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	505	505	505	505	505	506	505	505	504	504	504	506	505	505
10 Rocky Reach After Enc	1299	1299	1297	1298	1298	1300	1297	1298	1295	1295	1296	1300	1299	1299
-Rock Island PH#1-														
11 Rock Island PH#1	157	158	158	158	158	156	158	158	158	158	158	153	156	157
12 Rock Island PH#1 Before Enc	157	158	158	158	158	156	158	158	158	158	158	153	156	157
-Rock Island PH#1-														
13 CHPD Share	87	87	88	88	88	86	88	88	88	88	88	84	86	87
14 PSE Share	87	87	88	88	88	86	88	88	88	88	88	84	86	87
15 Rock Island PH#1 After Enc	173	175	176	176	176	172	176	175	177	176	176	169	172	174
-Rock Island PH#2-														
16 Rock Island PH#2	356	355	355	355	355	357	355	355	355	355	355	360	357	356
17 Rock Island PH#2 Before Enc	356	355	355	355	355	357	355	355	355	355	355	360	357	356
-Rock Island PH#2-														
18 CHPD Share	197	197	197	197	197	197	197	197	197	197	197	199	198	197
19 PSE Share	197	197	197	197	197	197	197	197	197	197	197	199	198	197
20 Rock Island PH#2 After Enc	394	393	394	393	393	395	394	393	395	395	394	397	395	394

**Table A-19: Rocky Reach and Rock Island Allocation
PNW Loads and Resources Study
2010 - 2011 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Rocky Reach-														
1 Rocky Reach	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
2 Rocky Reach Before Enc	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
-Rocky Reach-														
3 AVWP Share	38	38	38	38	38	38	38	38	38	38	38	38	38	38
4 CHPD Share	197	197	196	196	196	197	196	196	196	196	196	197	197	197
5 CLKM Share	299	299	298	298	298	299	298	299	298	298	298	299	299	299
6 DOPD Share	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7 PGE Share	156	156	156	156	156	156	156	156	155	155	156	156	156	156
8 PPL Share	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 PSE Share	505	505	505	505	505	506	505	505	504	504	504	506	505	505
10 Rocky Reach After Enc	1299	1299	1297	1298	1298	1300	1297	1298	1295	1295	1296	1300	1299	1299
-Rock Island PH#1-														
11 Rock Island PH#1	157	158	158	158	158	156	158	158	158	158	158	153	156	157
12 Rock Island PH#1 Before Enc	157	158	158	158	158	156	158	158	158	158	158	153	156	157
-Rock Island PH#1-														
13 CHPD Share	87	87	88	88	88	86	88	88	88	88	88	84	86	87
14 PSE Share	87	87	88	88	88	86	88	88	88	88	88	84	86	87
15 Rock Island PH#1 After Enc	173	175	176	176	176	172	176	175	177	176	176	169	172	174
-Rock Island PH#2-														
16 Rock Island PH#2	356	355	355	355	355	357	355	355	355	355	355	360	357	356
17 Rock Island PH#2 Before Enc	356	355	355	355	355	357	355	355	355	355	355	360	357	356
-Rock Island PH#2-														
18 CHPD Share	197	197	197	197	197	197	197	197	197	197	197	199	198	197
19 PSE Share	197	197	197	197	197	197	197	197	197	197	197	199	198	197
20 Rock Island PH#2 After Enc	394	393	394	393	393	395	394	393	395	395	394	397	395	394

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-20
Wanapum & Priest Rapids Allocation
Monthly OY 2002, 2006 & 2011
Capacity in Megawatts**

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-21
Swift #1 and Swift #2 Allocation
Monthly OY 2002, 2006 & 2011
Capacity 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
2001 - 2002 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Swift 1-														
1 Swift 1	265	263	170	264	224	161	140	140	140	140	140	0.2	248	265
2 Swift 1 Before Enc	265	263	170	264	224	161	140	140	140	140	140	0.2	248	265
-Swift 1-														
3 COPD Share	69	68	44	69	58	42	36	36	36	36	36	0.1	65	69
4 PPL Share	196	194	126	195	165	119	104	104	104	104	104	0.1	184	196
5 Swift 1 After Enc	265	263	170	264	224	161	140	140	140	140	140	0.2	248	265
-Swift 2-														
6 Swift 2	59	62	48	60	65	65	76	76	76	76	76	0.1	64	60
7 Swift 2 Before Enc	59	62	48	60	65	65	76	76	76	76	76	0.1	64	60
-Swift 2-														
8 COPD Share	15	16	13	16	17	17	20	20	20	20	20	0	17	16
9 PPL Share	44	46	36	45	48	48	56	56	56	56	56	0.1	48	44
10 Swift 2 After Enc	59	62	48	60	65	65	76	76	76	76	76	0.1	64	60

**Table A-21: Swift #1 and Swift #2 Allocation
 PNW Loads and Resources Study
 2005 - 2006 Operating Year
 1937 Water Year
 2000 White Book**

10/1/2001

<i>Capacity 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>
-Swift 1-														
1 Swift 1	265	263	170	264	224	161	140	140	140	140	140	0.2	248	265
2 Swift 1 Before Enc	265	263	170	264	224	161	140	140	140	140	140	0.2	248	265
-Swift 1-														
3 COPD Share	69	68	44	69	58	42	36	36	36	36	36	0.1	65	69
4 PPL Share	196	194	126	195	165	119	104	104	104	104	104	0.1	184	196
5 Swift 1 After Enc	265	263	170	264	224	161	140	140	140	140	140	0.2	248	265
-Swift 2-														
6 Swift 2	59	62	48	60	65	65	76	76	76	76	76	0.1	64	60
7 Swift 2 Before Enc	59	62	48	60	65	65	76	76	76	76	76	0.1	64	60
-Swift 2-														
8 COPD Share	15	16	13	16	17	17	20	20	20	20	20	0	17	16
9 PPL Share	44	46	36	45	48	48	56	56	56	56	56	0.1	48	44
10 Swift 2 After Enc	59	62	48	60	65	65	76	76	76	76	76	0.1	64	60

**Table A-21: Swift #1 and Swift #2 Allocation
PNW Loads and Resources Study
2010 - 2011 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Swift 1-														
1 Swift 1	265	263	170	264	224	161	140	140	140	140	140	0.2	248	265
2 Swift 1 Before Enc	265	263	170	264	224	161	140	140	140	140	140	0.2	248	265
-Swift 1-														
3 COPD Share	69	68	44	69	58	42	36	36	36	36	36	0.1	65	69
4 PPL Share	196	194	126	195	165	119	104	104	104	104	104	0.1	184	196
5 Swift 1 After Enc	265	263	170	264	224	161	140	140	140	140	140	0.2	248	265
-Swift 2-														
6 Swift 2	59	62	48	60	65	65	76	76	76	76	76	0.1	64	60
7 Swift 2 Before Enc	59	62	48	60	65	65	76	76	76	76	76	0.1	64	60
-Swift 2-														
8 COPD Share	15	16	13	16	17	17	20	20	20	20	20	0	17	16
9 PPL Share	44	46	36	45	48	48	56	56	56	56	56	0.1	48	44
10 Swift 2 After Enc	59	62	48	60	65	65	76	76	76	76	76	0.1	64	60

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-22
BPA Power Sales Contracts
Monthly OY 2002, 2006 & 2011
Capacity 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
2001 - 2002 Operating Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Federal Entities-														
1 Federal Entities	198	198	188	179	186	206	205	242	213	195	195	203	195	205
2 Total Federal Entities	198	198	188	179	186	206	205	242	213	195	195	203	195	205
-U.S. Bureau of Reclamation-														
3 U.S. Bureau of Reclamation	32	32	20	96	24	15	15	12	54	222	222	252	240	267
4 Total U.S. Bureau of Reclamation	32	32	20	96	24	15	15	12	54	222	222	252	240	267
-Direct Service Industry-														
5 Direct Service Industry	2467	2467	2467	330	330	330	326	326	326	662	662	662	662	842
6 Total Direct Service Industry	2467	2467	2467	330	330	330	326	326	326	662	662	662	662	842
-Generating Public Entities-														
7 Generating Public Entities	1567	1515	1689	2177	2396	2814	2854	2831	2683	2328	2328	2116	1607	1666
8 Total Generating Public Entities	1567	1515	1689	2177	2396	2814	2854	2831	2683	2328	2328	2116	1607	1666
-Generating Public Entities (Slice)-														
9 Generating Public Entities (Slice)	0	0	0	2014	1912	2207	1678	1891	1748	1775	1593	2171	1840	2095
10 Total Generating Public Entities (Slice)	0	0	0	2014	1912	2207	1678	1891	1748	1775	1593	2171	1840	2095
-Non-Generating Public Entities-														
11 Non-Generating Public Entities	3447	3448	3426	3659	4007	4396	4623	4448	4099	3862	3861	3733	3486	3536
12 Total Non-Generating Public Entities	3447	3448	3426	3659	4007	4396	4623	4448	4099	3862	3861	3733	3486	3536
-Non-Generating Public Entities (Slice)-														
13 Non-Generating Public Entities (Slice)	0	0	0	1209	1148	1325	1008	1136	1050	1066	957	1303	1105	1258
14 Total Non-Generating Public Entities (Slice)	0	0	0	1209	1148	1325	1008	1136	1050	1066	957	1303	1105	1258
-Investor-Owned Entities-														
15 Investor-Owned Entities	0	0	0	350	350	350	350	350	350	350	350	350	350	350
16 Total Investor-Owned Entities	0	0	0	350	350	350	350	350	350	350	350	350	350	350
-Other Entities-														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Power Sales Contracts-														
19 Federal Entities	198	198	188	179	186	206	205	242	213	195	195	203	195	205
20 U.S. Bureau of Reclamation	32	32	20	96	24	15	15	12	54	222	222	252	240	267
21 Direct Service Industry	2467	2467	2467	330	330	330	326	326	326	662	662	662	662	842
22 Generating Public Entities	1567	1515	1689	4191	4307	5022	4533	4722	4431	4103	3921	4287	3447	3761
23 Non-Generating Public Entities	3447	3448	3426	4868	5155	5722	5631	5584	5149	4928	4818	5037	4591	4794
24 Investor-Owned Entities	0	0	0	350	350	350	350	350	350	350	350	350	350	350
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	7712	7660	7790	10014	10353	11645	11059	11236	10522	10460	10169	10791	9485	10219

**Table A-22: BPA Power Sale Contracts
PNW Loads and Resources Study
2005 - 2006 Operating Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Federal Entities-														
1 Federal Entities	207	207	180	192	202	221	220	258	227	210	210	218	210	219
2 Total Federal Entities	207	207	180	192	202	221	220	258	227	210	210	218	210	219
-U.S. Bureau of Reclamation-														
3 U.S. Bureau of Reclamation	227	227	161	96	24	15	15	12	54	222	222	252	240	267
4 Total U.S. Bureau of Reclamation	227	227	161	96	24	15	15	12	54	222	222	252	240	267
-Direct Service Industry-														
5 Direct Service Industry	1435	1435	1435	1442	1442	1442	1442	1442	1442	1442	1442	1442	1442	1442
6 Total Direct Service Industry	1435	1435	1435	1442	1442	1442	1442	1442	1442	1442	1442	1442	1442	1442
-Generating Public Entities-														
7 Generating Public Entities	2006	2006	2206	2528	2699	3094	3137	3098	2936	2636	2636	2510	2074	2048
8 Total Generating Public Entities	2006	2006	2206	2528	2699	3094	3137	3098	2936	2636	2636	2510	2074	2048
-Generating Public Entities (Slice)-														
9 Generating Public Entities (Slice)	2163	2000	1885	2023	1924	2217	1678	1898	1745	1770	1591	2171	1841	2091
10 Total Generating Public Entities (Slice)	2163	2000	1885	2023	1924	2217	1678	1898	1745	1770	1591	2171	1841	2091
-Non-Generating Public Entities-														
11 Non-Generating Public Entities	3850	3848	3803	4153	4539	4949	5203	5002	4621	4362	4362	4224	3960	4006
12 Total Non-Generating Public Entities	3850	3848	3803	4153	4539	4949	5203	5002	4621	4362	4362	4224	3960	4006
-Non-Generating Public Entities (Slice)-														
13 Non-Generating Public Entities (Slice)	1299	1201	1132	1215	1155	1331	1008	1140	1048	1063	955	1304	1106	1256
14 Total Non-Generating Public Entities (Slice)	1299	1201	1132	1215	1155	1331	1008	1140	1048	1063	955	1304	1106	1256
-Investor-Owned Entities-														
15 Investor-Owned Entities	382	382	382	382	382	382	382	382	382	382	382	382	382	382
16 Total Investor-Owned Entities	382	382	382	382	382	382	382	382	382	382	382	382	382	382
-Other Entities-														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Power Sales Contracts-														
19 Federal Entities	207	207	180	192	202	221	220	258	227	210	210	218	210	219
20 U.S. Bureau of Reclamation	227	227	161	96	24	15	15	12	54	222	222	252	240	267
21 Direct Service Industry	1435	1435	1435	1442	1442	1442	1442	1442	1442	1442	1442	1442	1442	1442
22 Generating Public Entities	4169	4006	4092	4551	4623	5310	4816	4996	4682	4406	4227	4681	3916	4139
23 Non-Generating Public Entities	5149	5048	4935	5368	5694	6280	6211	6141	5669	5425	5317	5527	5065	5262
24 Investor-Owned Entities	382	382	382	382	382	382	382	382	382	382	382	382	382	382
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	11569	11305	11184	12031	12367	13650	13086	13231	12455	12088	11801	12503	11254	11711

**Table A-22: BPA Power Sale Contracts
PNW Loads and Resources Study
2010 - 2011 Operating Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Federal Entities-														
1 Federal Entities	138	138	118	128	133	149	148	187	158	142	142	155	147	153
2 Total Federal Entities	138	138	118	128	133	149	148	187	158	142	142	155	147	153
-U.S. Bureau of Reclamation-														
3 U.S. Bureau of Reclamation	27	27	16	22	0	0	0	0	30	47	47	53	30	40
4 Total U.S. Bureau of Reclamation	27	27	16	22	0	0	0	0	30	47	47	53	30	40
-Direct Service Industry-														
5 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Generating Public Entities-														
7 Generating Public Entities	2426	2426	2639	3015	3254	3714	3739	3684	3470	3160	3160	2882	2348	2383
8 Total Generating Public Entities	2426	2426	2639	3015	3254	3714	3739	3684	3470	3160	3160	2882	2348	2383
-Generating Public Entities (Slice)-														
9 Generating Public Entities (Slice)	2164	2005	1891	2027	1930	2222	1677	1902	1744	1769	1592	2179	1710	2090
10 Total Generating Public Entities (Slice)	2164	2005	1891	2027	1930	2222	1677	1902	1744	1769	1592	2179	1710	2090
-Non-Generating Public Entities-														
11 Non-Generating Public Entities	4168	4166	4114	4457	4896	5347	5580	5370	4941	4690	4690	4508	4251	4292
12 Total Non-Generating Public Entities	4168	4166	4114	4457	4896	5347	5580	5370	4941	4690	4690	4508	4251	4292
-Non-Generating Public Entities (Slice)-														
13 Non-Generating Public Entities (Slice)	1300	1204	1135	1217	1159	1334	1007	1142	1047	1062	956	1309	1027	1255
14 Total Non-Generating Public Entities (Slice)	1300	1204	1135	1217	1159	1334	1007	1142	1047	1062	956	1309	1027	1255
-Investor-Owned Entities-														
15 Investor-Owned Entities	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
16 Total Investor-Owned Entities	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
-Other Entities-														
17 Other PNW Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Total Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Power Sales Contracts-														
19 Federal Entities	138	138	118	128	133	149	148	187	158	142	142	155	147	153
20 U.S. Bureau of Reclamation	27	27	16	22	0	0	0	0	30	47	47	53	30	40
21 Direct Service Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Generating Public Entities	4590	4430	4530	5042	5184	5936	5416	5586	5214	4928	4751	5062	4057	4474
23 Non-Generating Public Entities	5468	5369	5250	5674	6054	6681	6587	6512	5989	5752	5646	5817	5278	5547
24 Investor-Owned Entities	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
25 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Total Power Sales Contracts	12423	12165	12113	13066	13572	14966	14352	14486	13591	13070	12786	13287	11712	12413

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-23
Non Utility Generating Resources
Monthly OY 2002, 2006 & 2011
Capacity in Megawatts**

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-23: Non Utility Generating Resources
PNW Loads and Resources Study
2001 - 2002 Operating Year
2000 White Book**

<i>Capacity 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>
-Federal Entities-														
1 Federal Entities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2 Total Federal Entities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
-Generating Public Entities-														
3 Generating Public Entities	228	228	160	85	38	38	39	41	70	185	185	276	289	263
4 Total Generating Public Entities	228	228	160	85	38	38	39	41	70	185	185	276	289	263
-Non-Generating Public Entities-														
5 Non-Generating Public Entities	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6 Total Non-Generating Public Entities	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-Investor-Owned Entities-														
7 Investor-Owned Entities	1239	1239	1214	1191	1184	1167	1089	1113	1120	1157	1157	479	1042	1196
8 Total Investor-owned Entities	1239	1239	1214	1191	1184	1167	1089	1113	1120	1157	1157	479	1042	1196
-Total Non-Utility Generating Resources-														
9 Federal Entities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10 Public Entities	238	238	170	95	49	48	49	52	80	195	195	286	299	273
11 Investor-Owned Entities	1239	1239	1214	1191	1184	1167	1089	1113	1120	1157	1157	479	1042	1196
12 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Total Non-Utility Generation	1481	1481	1389	1290	1237	1219	1142	1169	1204	1356	1356	769	1345	1473

**Table A-23: Non Utility Generating Resources
PNW Loads and Resources Study
2005 - 2006 Operating Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Federal Entities-														
1 Federal Entities	54	54	54	54	54	54	54	54	54	54	54	54	54	54
2 Total Federal Entities	54	54	54	54	54	54	54	54	54	54	54	54	54	54
-Generating Public Entities-														
3 Generating Public Entities	228	228	160	85	38	38	39	41	70	185	185	276	289	263
4 Total Generating Public Entities	228	228	160	85	38	38	39	41	70	185	185	276	289	263
-Non-Generating Public Entities-														
5 Non-Generating Public Entities	10	10	10	10	10	10	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
6 Total Non-Generating Public Entities	10	10	10	10	10	10	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
-Investor-Owned Entities-														
7 Investor-Owned Entities	1177	1177	1158	1131	1125	1112	1093	1117	1120	1157	1157	479	1041	1190
8 Total Investor-owned Entities	1177	1177	1158	1131	1125	1112	1093	1117	1120	1157	1157	479	1041	1190
-Total Non-Utility Generating Resources-														
9 Federal Entities	54	54	54	54	54	54	54	54	54	54	54	54	54	54
10 Public Entities	238	238	170	95	49	48	41	44	72	188	188	279	292	266
11 Investor-Owned Entities	1177	1177	1158	1131	1125	1112	1093	1117	1120	1157	1157	479	1041	1190
12 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Total Non-Utility Generation	1469	1469	1383	1280	1227	1214	1188	1215	1246	1399	1399	812	1387	1509

**Table A-23: Non Utility Generating Resources
PNW Loads and Resources Study
2010 - 2011 Operating Year
2000 White Book**

<i>Capacity 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>
-Federal Entities-														
1 Federal Entities	54	54	54	54	54	54	54	54	54	54	54	54	54	54
2 Total Federal Entities	54	54	54	54	54	54	54	54	54	54	54	54	54	54
-Generating Public Entities-														
3 Generating Public Entities	228	228	160	85	38	38	39	41	70	185	185	276	289	263
4 Total Generating Public Entities	228	228	160	85	38	38	39	41	70	185	185	276	289	263
-Non-Generating Public Entities-														
5 Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
6 Total Non-Generating Public Entities	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-Investor-Owned Entities-														
7 Investor-Owned Entities	1178	1178	1159	1132	1133	1121	1102	1126	1129	1166	1166	486	1043	1191
8 Total Investor-owned Entities	1178	1178	1159	1132	1133	1121	1102	1126	1129	1166	1166	486	1043	1191
-Total Non-Utility Generating Resources-														
9 Federal Entities	54	54	54	54	54	54	54	54	54	54	54	54	54	54
10 Public Entities	230	230	162	87	41	40	41	44	72	187	187	278	291	265
11 Investor-Owned Entities	1178	1178	1159	1132	1133	1121	1102	1126	1129	1166	1166	486	1043	1191
12 Other Entities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Total Non-Utility Generation	1462	1462	1376	1273	1228	1215	1197	1224	1255	1407	1407	818	1388	1510

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-24
Dedicated Resources
Monthly OY 2002, 2006 & 2011
Capacity in Megawatts**

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-24: Dedicated Resources
PNW Loads and Resources Study
2001 - 2002 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Generating Public Entities-														
1 Generating Public Entities	5592	5525	5172	4938	5046	5016	4985	5124	4923	5103	5078	4400	5384	5231
2 Total Generating Public Entities	5592	5525	5172	4938	5046	5016	4985	5124	4923	5103	5078	4400	5384	5231
-Non-Generating Public Entities-														
3 Non-Generating Public Entities	369	369	403	173	157	161	156	131	135	134	134	132	111	112
4 Total Non-Generating Public Entities	369	369	403	173	157	161	156	131	135	134	134	132	111	112
-Investor-Owned Entities-														
5 Investor-Owned Entities	13081	13091	12326	12811	12345	12703	12639	12674	12568	12329	12467	11202	13020	13158
6 Total Investor-owned Entities	13081	13091	12326	12811	12345	12703	12639	12674	12568	12329	12467	11202	13020	13158
-Total Dedicated Resources-														
7 Generating Public Entities	5592	5525	5172	4938	5046	5016	4985	5124	4923	5103	5078	4400	5384	5231
8 Small & Non Generating Entities	369	369	403	173	157	161	156	131	135	134	134	132	111	112
9 Investor-Owned Entities	13081	13091	12326	12811	12345	12703	12639	12674	12568	12329	12467	11202	13020	13158
10 Regional Total Dedicated Resources	19042	18985	17902	17922	17548	17880	17779	17929	17626	17566	17679	15733	18515	18500

**Table A-24: Dedicated Resources
PNW Loads and Resources Study
2005 - 2006 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Generating Public Entities-														
1 Generating Public Entities	5065	4997	4644	4719	4981	4946	4837	4988	4799	4944	4910	4247	5241	5042
2 Total Generating Public Entities	5065	4997	4644	4719	4981	4946	4837	4988	4799	4944	4910	4247	5241	5042
-Non-Generating Public Entities-														
3 Non-Generating Public Entities	91	91	107	104	106	107	99	99	107	107	107	105	85	85
4 Total Non-Generating Public Entities	91	91	107	104	106	107	99	99	107	107	107	105	85	85
-Investor-Owned Entities-														
5 Investor-Owned Entities	12333	12344	11896	12008	11809	11931	11860	11875	11675	11570	11698	10452	12201	12477
6 Total Investor-owned Entities	12333	12344	11896	12008	11809	11931	11860	11875	11675	11570	11698	10452	12201	12477
-Total Dedicated Resources-														
7 Generating Public Entities	5065	4997	4644	4719	4981	4946	4837	4988	4799	4944	4910	4247	5241	5042
8 Small & Non Generating Entities	91	91	107	104	106	107	99	99	107	107	107	105	85	85
9 Investor-Owned Entities	12333	12344	11896	12008	11809	11931	11860	11875	11675	11570	11698	10452	12201	12477
10 Regional Total Dedicated Resources	17489	17433	16647	16831	16895	16983	16796	16962	16581	16621	16714	14805	17526	17604

**Table A-24: Dedicated Resources
PNW Loads and Resources Study
2010 - 2011 Operating Year
1937 Water Year
2000 White Book**

<i>Capacity 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>
-Generating Public Entities-														
1 Generating Public Entities	5120	5064	4708	4773	4868	4834	4724	4876	4688	4695	4670	4364	5186	4985
2 Total Generating Public Entities	5120	5064	4708	4773	4868	4834	4724	4876	4688	4695	4670	4364	5186	4985
-Non-Generating Public Entities-														
3 Non-Generating Public Entities	69	69	85	82	83	84	84	84	91	91	91	90	69	69
4 Total Non-Generating Public Entities	69	69	85	82	83	84	84	84	91	91	91	90	69	69
-Investor-Owned Entities-														
5 Investor-Owned Entities	12287	12305	11648	11977	12084	11857	11788	11801	11921	11292	10975	11137	12243	12414
6 Total Investor-owned Entities	12287	12305	11648	11977	12084	11857	11788	11801	11921	11292	10975	11137	12243	12414
-Total Dedicated Resources-														
7 Generating Public Entities	5120	5064	4708	4773	4868	4834	4724	4876	4688	4695	4670	4364	5186	4985
8 Small & Non Generating Entities	69	69	85	82	83	84	84	84	91	91	91	90	69	69
9 Investor-Owned Entities	12287	12305	11648	11977	12084	11857	11788	11801	11921	11292	10975	11137	12243	12414
10 Regional Total Dedicated Resources	17476	17438	16441	16833	17035	16775	16596	16761	16701	16078	15736	15591	17498	17468

**Bonneville Power Administration
2000 Pacific Northwest Loads and Resources Study
Technical Appendix**

**Section 13
Table A-25
Other Dedicated Resources
Monthly OY 2002, 2006 & 2011
Capacity in Megawatts**

Power Business Line

Reports Powered by:



Loads and Resources Information System

**Table A-25: Other Dedicated Resources
PNW Loads and Resources Study
2001 - 2002 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Generating Public Entities-														
1 Generating Public Entities	1522	1471	1617	4159	4403	5137	4674	4860	4536	4212	4029	4404	3459	3661
2 Total Generating Public Entities	1522	1471	1617	4159	4403	5137	4674	4860	4536	4212	4029	4404	3459	3661
-Non-Generating Public Entities-														
3 Small & Non Generating Public Entities	3447	3448	3426	4887	5174	5741	5645	5598	5163	4942	4832	5050	4605	4808
4 Total Non-Generating Public Entities	3447	3448	3426	4887	5174	5741	5645	5598	5163	4942	4832	5050	4605	4808
-Investor-Owned Entities-														
5 Investor-Owned Entities	2519	2519	2384	4107	4945	4941	4873	4846	3938	3204	3596	2355	3425	3617
6 Total Investor-owned Entities	2519	2519	2384	4107	4945	4941	4873	4846	3938	3204	3596	2355	3425	3617
-Total Dedicated Resources-														
7 Generating Public Entities	1522	1471	1617	4159	4403	5137	4674	4860	4536	4212	4029	4404	3459	3661
8 Non Generating Entities	3447	3448	3426	4887	5174	5741	5645	5598	5163	4942	4832	5050	4605	4808
9 Investor-Owned Entities	2519	2519	2384	4107	4945	4941	4873	4846	3938	3204	3596	2355	3425	3617
10 Regional Total Dedicated Resources	7488	7438	7427	13153	14521	15819	15192	15304	13637	12358	12457	11809	11489	12085

**Table A-25: Other Dedicated Resources
PNW Loads and Resources Study
2005 - 2006 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

<i>Capacity 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>
-Generating Public Entities-														
1 Generating Public Entities	4404	4243	4311	4779	5307	5981	5513	5690	5393	5123	4943	5406	4536	4747
2 Total Generating Public Entities	4404	4243	4311	4779	5307	5981	5513	5690	5393	5123	4943	5406	4536	4747
-Non-Generating Public Entities-														
3 Small & Non Generating Public Entities	5167	5067	4953	5386	5712	6298	6230	6160	5687	5444	5336	5546	5084	5280
4 Total Non-Generating Public Entities	5167	5067	4953	5386	5712	6298	6230	6160	5687	5444	5336	5546	5084	5280
-Investor-Owned Entities-														
5 Investor-Owned Entities	3754	3754	3687	3702	4585	4672	4687	4631	3768	3334	3726	2487	3212	3905
6 Total Investor-owned Entities	3754	3754	3687	3702	4585	4672	4687	4631	3768	3334	3726	2487	3212	3905
-Total Dedicated Resources-														
7 Generating Public Entities	4404	4243	4311	4779	5307	5981	5513	5690	5393	5123	4943	5406	4536	4747
8 Non Generating Entities	5167	5067	4953	5386	5712	6298	6230	6160	5687	5444	5336	5546	5084	5280
9 Investor-Owned Entities	3754	3754	3687	3702	4585	4672	4687	4631	3768	3334	3726	2487	3212	3905
10 Regional Total Dedicated Resources	13326	13064	12951	13866	15605	16951	16430	16480	14848	13901	14004	13438	12832	13932

**Table A-25: Other Dedicated Resources
PNW Loads and Resources Study
2010 - 2011 Operating Year
1937 Water Year
2000 White Book**

10/1/2001

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
-Generating Public Entities-														
1 Generating Public Entities	5793	5635	5717	6240	6462	7207	6713	6876	6520	6237	6059	6376	5317	5720
2 Total Generating Public Entities	5793	5635	5717	6240	6462	7207	6713	6876	6520	6237	6059	6376	5317	5720
-Non-Generating Public Entities-														
3 Small & Non Generating Public Entities	5486	5388	5268	5692	6073	6700	6606	6531	6007	5771	5664	5835	5296	5566
4 Total Non-Generating Public Entities	5486	5388	5268	5692	6073	6700	6606	6531	6007	5771	5664	5835	5296	5566
-Investor-Owned Entities-														
5 Investor-Owned Entities	4947	4947	4985	5073	5697	5795	5762	5742	5175	4756	5148	3874	4979	4986
6 Total Investor-owned Entities	4947	4947	4985	5073	5697	5795	5762	5742	5175	4756	5148	3874	4979	4986
-Total Dedicated Resources-														
7 Generating Public Entities	5793	5635	5717	6240	6462	7207	6713	6876	6520	6237	6059	6376	5317	5720
8 Non Generating Entities	5486	5388	5268	5692	6073	6700	6606	6531	6007	5771	5664	5835	5296	5566
9 Investor-Owned Entities	4947	4947	4985	5073	5697	5795	5762	5742	5175	4756	5148	3874	4979	4986
10 Regional Total Dedicated Resources	16227	15970	15970	17005	18232	19701	19080	19149	17702	16764	16871	16086	15593	16272