

**Federal System Tier 1 System Firm Critical Output
[55] 2010 Initial Rate Case Study**

Table 3.1: Federal System Hydro Generation

Project (Study 55) - Energy in aMW	2012	2013	Average
Regulated Hydro			
Albeni Falls	26	26	26
Bonneville Hydro	408	408	408
Chief Joseph Hydro	1,099	1,109	1,104
Dworshak Hydro	148	148	148
Grand Coulee Hydro	1,898	1,898	1,898
Hungry Horse	89	89	89
Ice Harbor Hydro	174	174	174
John Day Hydro	805	805	805
Libby	185	185	185
Little Goose Hydro	201	201	201
Lower Granite Hydro	196	196	196
Lower Monumental Hydro	195	195	195
Mc Nary Hydro	490	490	490
The Dalles Hydro	612	612	612
Independent Hydro			
Anderson Ranch	15	15	15
Big Cliff	10	10	10
Black Canyon	8	8	8
Boise River Diversion	1	1	1
Bonneville Fishway	21	21	21
Chandler	9	9	9
Cougar	17	17	17
Cowlitz Falls	26	26	26
Detroit	42	42	42
Dexter	9	9	9
Foster	13	13	13
Green Peter	28	28	28
Green Springs - USBR	6	6	6
Hills Creek	18	18	18
Idaho Falls - City Plant	0	0	0
Idaho Falls - Lower Plant	0	0	0
Idaho Falls - Upper Plant	0	0	0
Lookout Point	36	36	36
Lost Creek	29	29	29
Minidoka	16	16	16
Packwood	0	0	0
Palisades	74	74	74
Roza	8	8	8
Total Federal System Hydro Generation	6,911	6,921	6,916

**Federal System Tier 1 System Firm Critical Output
[55] 2010 Initial Rate Case Study**

Table 3.2: Designated Non-Federally Owned Resources

Project (Study 55) - Energy in aMW	2012	2013	Average
Ashland Solar Project	0	0	0
Columbia Generating Station	1,030	878	954
Condon Wind Project	10	10	10
Dworshak/Clearwater Small Hydropower	3	3	3
Elwha Hydro	2	0	1
Foote Creek 1	6	6	6
Foote Creek 2	1	1	1
Foote Creek 4	6	6	6
Fourmile Hill Geothermal (Not included)	0	0	0
Georgia-Pacific Paper (Wauna)	23	23	23
Glines Canyon Hydro	5	0	2
Klondike I	7	7	7
Stateline Wind Project	22	22	22
White Bluffs Solar	0	0	0
Total Designated Non-Federally Owned Resources	1,114	954	1,034

Table 3.3: Designated BPA Contract Purchases

Contract Purchases (Study 55) - Energy in aMW	2012	2013	Average
Priest Rapids CER for Canada	30	30	30
Rock Island #1 CER for Canada	11	11	11
Rock Island #2 CER for Canada	7	7	7
Rock Reach CER for Canada	38	37	37
Wanapum CER for Canada	29	28	28
Wells CER for Canada	24	24	24
BCHP to BPA PwrS	1	1	1
PASA to BPA Pk Repl	1	1	1
PASA to BPA S/N/X	0	0	0
PASA to BPA Xchg Nrg	2	2	2
PPL to BPA So Idaho	94	94	94
RVSD to BPA Xchg Nrg	0	0	0
RVSD to BPA Pk Repl	0	0	0
RVSD to BPA Pk Repl	5	5	5
RVSD to BPA Pk Repl	0	0	0
RVSD to BPA Seas Xchg	4	4	4
RVSD to BPA Xchg Nrg	7	7	7
SPP to BPA Harney Wells	60	60	60
PPL to BPA SNX (Spring Return)	0	0	0
PPL to BPA SPX (Summer Return)	6	6	6
Total Designated BPA Contract Purchases	319	318	319

**Federal System Tier 1 System Firm Critical Output
[55] 2010 Initial Rate Case Study**

Table 3.4: Designated BPA System Obligations

System Obligations (Study 55) - Energy in aMW	2012	2013	Average
BPA to BRCJ 02PSC	5	5	5
BPA to BRCJ 02PSC	9	9	9
BPA to BRCR 02PSC	1	1	1
BPA to BREG 02PSC	0	0	0
BPA to BRGC 02PSC	121	121	121
BPA to BROP 02PSC	3	3	3
BPA to BRSI 02PSC	0	0	0
BPA to BRSID 02PSC	20	20	20
BPA to BRSV 02PSC	1	1	1
BPA to BRTD 02PSC	2	2	2
BPA to BRTV 02PSC	1	1	1
BPA to BRYK 02PSC	2	2	2
BPA To BHEC	5	5	5
BPA to BCHA Can Ent	515	503	509
BPA to PASA C/N/X	1	1	1
BPA to PASA S/N/X	0	0	0
BPA to RVSD C/N/X	5	5	5
BPA to RVSD C/N/X	0	0	0
BPA to RVSD Cap S	0	0	0
BPA to RVSD Seas Xchg	4	4	4
BPA to SPP Pwr S	60	60	60
Federal Intertie Losses	0	0	0
BPA to AVWP WP3 S	42	42	42
BPA to PPL SNX (Spring Delivery)	0	0	0
BPA to PPL SPX (Summer Delivery)	6	6	6
BPA to PPL SoID	94	94	94
BPA to PSE WP3 S	42	42	42
Federal Power Trans. Losses	246	247	246
Total Designated System Obligations	1,185	1,175	1,180