

2006 White Book (OY 2012)

Project	Date in Service	Number of Units	Capacity	Energy
U.S. Bureau of Reclamation Hydro Projects				
Grand Coulee	1941	27	6,326.2	1,963.2
Grand Coulee Pump Gen.	1973	6	300.0	0.0
Hungry Horse	1952	4	361.2	83.3
Palisades	1957	4	122.0	66.0
Anderson Ranch	1950	2	36.4	16.0
Green Springs - USBR	1960	1	18.9	5.8
Minidoka	1909	4	25.7	16.3
Roza	1958	1	4.0	7.9
Black Canyon	1925	2	8.8	8.1
Chandler	1956	2	9.5	8.6
U.S. Army Corp of Engineers Hydro Projects				
Chief Joseph	1955	27	2,535.0	1,079.8
John Day	1968	16	2,484.0	808.3
The Dalles	1957	24	2,074.0	606.2
Bonneville	1938	20	1,046.6	384.1
McNary	1953	14	1,127.0	483.3
Lower Granite	1975	6	930.2	188.4
Lower Monumental	1969	6	922.5	193.3
Little Goose	1970	6	927.8	193.5
Ice Harbor	1961	6	692.8	169.2
Libby	1975	5	578.8	173.5
Dworshak	1974	3	444.9	146.4
Lookout Point	1954	3	67.0	34.5
Detroit	1953	2	96.0	41.2
Green Peter	1967	2	79.0	27.8
Lost Creek	1975	2	18.0	30.0
Albeni Falls	1955	3	22.1	25.2
Hills Creek	1962	2	30.0	17.7
Cougar	1964	2	25.0	16.0
Foster	1968	2	22.0	12.3
Big Cliff	1954	1	21.0	11.1

Dexter	1955	1	17.0	9.3
Ashland Solar Project	2000		0.0	0.0
Columbia Generating Station	1984		1,150.0	1,000.0
Condon Wind Project	2002		0.0	9.9
Dworshak/Clearwater Small Hydropower	2000		3.0	2.6
Foote Creek 1	1999		0.0	5.6
Foote Creek 2	1999		0.0	0.7
Foote Creek 4	2000		0.0	5.9
Fourmile Hill Geothermal /1	2009		49.9	49.9
Georgia-Pacific Paper (Wauna)	1996		28.0	22.8
Klondike Phase 1	2001		0.0	7.4
Stateline Wind Project	2001		0.0	21.8
Boise River Diversion	1912		0.0	1.3
Cowlitz Falls	1994		13.1	26.2
Canadian Entitlement for Canada (Non-Federal)			238	139.0
Canadian Imports			1	1.0
Pacific Southwest Imports			0	19.9
Inland Southwest Imports			45	60.0
Eastern Imports			189	94.3
Intra-Regional Transfers			0.0	105.0
Federal Transmission Losses				(235.6)
Total Tier 1 Resources				8,164.0
FY 2010 Off-the-Top Obligations				
				aMW
Fed. Agencies 2002 PSC				141.3
BPA to USBM 02PSC				0.5
Conservation Augmentation				-2.1
BPA to USDOE 02PSC				45.0
BPA to FAFB 02PSC				7.9
BPA to USNP 02PSC				28.3
BPA to BIAW 02PSC				1.0
BPA to BIAW Irrig. Mitig.				0.8

BPA to MVP Pwr S		37.9
BPA to USNB 02PSC		20.6
BPA to USNE 02PSC		1.4
USBR 2002 PSC		160.4
BPA to BRCJ 02PSC		4.4
BPA to BRCJ 02PSC		4.8
BPA to BROP 02PSC		3.3
BPA to BRGR 02PSC		1.1
BPA to BRSV 02PSC		0.9
BPA to BRYK 02PSC		2.1
BPA to BRSID 02PSC		20.2
BPA to BRTD 02PSC		1.9
BPA to BRSI 02PSC		0.1
BPA to BREG 02PSC		0.4
BPA to BRTV 02PSC		0.6
BPA to BRGC 02PSC		120.6
Exports		683.3
Exports Details		
BPA to BCHA Can Ent		560.4
BPA to BHEC 02PSC		5.2
BPA to CMEC 02PSC		12.5
BPA to PASA C/N/X		1.1
BPA to PASA S/N/X		0.4
BPA to RVSD C/N/X		4.9
BPA to RVSD C/N/X		0.6
BPA to RVSD Cap S		2.9
BPA to RVSD Seas Xchg		4.3
BPA to SMGT 02PSC		30.6
BPA to SPP Pwr S		60.0
Federal Intertie Losses		0.4
Regional Transfers (Out)		387.5

Regional Transfers (Out) Details

BPA to AVWP WP3 S		42.0
BPA to CCPD Pwr S		17.0
BPA to PPL Cap S		186.5
BPA to PPL SNX (Summer Return)		0.0
BPA to PPL SoID		94.3
BPA to PPL SPX (Summer Delivery)		5.7
BPA to PSE WP3 S		42.0

Total Off-the-Top	1,372.5
Net Tier 1 Resources	6,791.5

/1 Fourmile Hill is assumed to be operational October 1, 1009. It is anticipated to have a January peak of 50 MW and annual energy of 50 aMW. There is potential for termination of the contract with Calpine for this resource purchase due to project delays making the completion date uncertain.