

Federal Hydro Projects

Name	River, state	In service	Nameplate rating
Albeni Falls	Pend Oreille, ID	1955	43 MW
Anderson Ranch	Boise, ID	1950	40 MW
Big Cliff	Santiam, OR	1953	18 MW
Black Canyon	Payette, ID	1925	10 MW
Boise River Diversion	Boise, ID	1912	3 MW
Bonneville	Columbia, OR/WA	1938	1,077 MW
Chandler	Yakima, WA	1956	12 MW
Chief Joseph	Columbia, WA	1958	2,458 MW
Cougar	McKenzie, OR	1963	25 MW
Detroit	Santiam, OR	1953	100 MW
Dexter	Willamette, OR	1954	15 MW
Dworshak	Clearwater, ID	1973	400 MW
Foster	Santiam, OR	1967	20 MW
Grand Coulee^{9/}	Columbia, WA	1942	6,765 MW
Green Peter	Santiam, OR	1967	80 MW
Green Springs	Emigrant Crk, OR	1960	16 MW
Hills Creek	Willamette, OR	1962	30 MW
Hungry Horse	Flathead, MT	1953	428 MW
Ice Harbor	Snake, WA	1962	603 MW
John Day	Columbia, OR/WA	1971	2,160 MW
Libby	Kootenai, MT	1975	525 MW
Little Goose	Snake, WA	1970	810 MW
Lookout Point	Willamette, OR	1953	120 MW
Lost Creek	Rogue, OR	1977	49 MW
Lower Granite	Snake, WA	1975	810 MW
Lower Monumental	Snake, WA	1969	810 MW
McNary	Columbia, OR/WA	1952	980 MW
Minidoka	Snake, ID	1909	28 MW
Palisades	Snake, ID	1958	176 MW
Roza	Yakima, WA	1958	11 MW
The Dalles	Columbia, OR/WA	1957	<u>1,808 MW</u>
Total (31 dams)			20,430 MW

Owned and operated by the U.S. Army Corps of Engineers (21 dams, 12,940 MW)
Owned and operated by the Bureau of Reclamation (10 dams, 7,490 MW).

8/ Includes pump generation.

BPA Resources^{9/}

(for OY 2009 under 1937 water conditions)

Sustained 1-hour peak capacity (January) 13,485 MW

Hydro: 12,006 MW (89.0%)

Nuclear: 1,150 MW (8.5%)

Firm contracts & other resources: 329 MW (2.5%)

Firm energy (12-month annual avg.) 8,549 aMW

Hydro: 7,038 aMW (82.3%)

Nuclear: 878 aMW (10.3%)

Firm contracts & other resources: 633 aMW (7.4%)

Regional Resources^{9/}

(for OY 2009 under 1937 water conditions)

Sustained peak capacity (January) 40,608 MW

Hydro: 22,834 MW (56.2%)

Coal: 5,871 MW (14.5%)

Combustion turbines: 5,494 MW (13.5%)

Cogeneration: 2,642 MW (6.5%)

Imports: 1,604 MW (4.0%)

Nuclear: 1,150 MW (2.8%)

Non-utility generation: 879 MW (2.2%)

Other miscellaneous resources: 134 MW (0.3%)

Firm energy (12-month annual avg.) 26,219 aMW

Hydro: 11,899 aMW (45.4%)

Coal: 4,999 aMW (19.1%)

Combustion turbines: 3,401 aMW (13.0%)

Cogeneration: 2,309 aMW (8.8%)

Imports: 1,046 aMW (4.0%)

Nuclear: 1,030 aMW (3.9%)

Non-utility generation: 849 aMW (3.2%)

Other miscellaneous resources: 686 aMW (2.6%)

9/ Forecast figures from BPA's draft "2008 Pacific Northwest Loads & Resources Study." Firm resource projections before adjustment for reserves, maintenance and transmission losses. The hydro capacity is reduced by an operational peaking adjustment to estimate the monthly maximum operational capability that is available to meet the 1-hour peak load for 1937 critical-water conditions. For January 2009, the reduction is -9,407 peak MW.

Federal Generation (FY 2008)

Hydro generation	7,936 aMW
Total generation	9,062 aMW
60-min. hydro peak generation	16,615 MW
60-min. total peak generation	17,715 MW
All-time 60-min. total peak generation record (June 2002)	18,139 MW

Fish & Wildlife Costs

(\$ in millions)

FY 2008

BPA F&W program expense ^{10/} (does not include \$25.5 million capital)	\$149
Direct funded/reimbursable	62
Capital investment/fixing expense	116
Total direct costs	\$327
Operational impacts:	
Replacement power purchases	\$275
Estimated foregone power revenues	274
Total F&W costs for FY 2008	\$876

BPA has committed more than \$10.2 billion since 1978 to support Northwest fish and wildlife recovery.

10/ Integrated program and action plan/high priority.

Conservation

(\$ in millions)

FY 2008

Total^{11/}

Total BPA expenses	\$65	\$2,291
Megawatts saved		
Residential programs	22.6 aMW	283.9 aMW
Commercial programs	13.3 aMW	201.5 aMW
Industrial programs	6.4 aMW	124.7 aMW
Agricultural programs	3.1 aMW	22.6 aMW
Multi-sector programs	0.4 aMW	107.9 aMW
Programs subtotal	45.8 aMW	740.7 aMW
Improved building codes	0 aMW	188.5 aMW
Market transformation	30.0 aMW	146.8 aMW
Total aMW saved	75.8 aMW	1,075.9 aMW

11/ Cumulative total since 1981. Adjustments to savings and dollars have been applied.

Points of Contact

General BPA offices & Web sites

BPA Headquarters — 905 N.E. 11th Ave., P.O. Box 3621, Portland, OR 97208 • (503) 230-3000 • Web site www.bpa.gov

Public Information Center — 905 N.E. 11th Ave., P.O. Box 3621, Portland, OR 97208 • (503) 230-7334 • (800) 622-4520

Public Involvement — P.O. Box 14428, Portland, OR 97293-4428 • (800) 622-4519

Washington, D.C. Office — Forrestal Bldg., Room 8G-061, 1000 Independence Ave., S.W., Washington, DC 20585 • (202) 586-5640

Crime Witness Program — To report crimes to BPA property or personnel • (800) 437-2744

Transmission Services

Transmission Services Headquarters — P.O. Box 491, Vancouver, WA 98666-0491 • (360) 418-2000

Covington District Office — 28401 Covington Way S.E., Kent, WA 98402 • (360) 638-7376

Eugene District Office — 86000 Hwy. 99 S., Eugene, OR 97405 • (541) 988-7401

Idaho Falls Regional Office — 1350 Lindsay Blvd., Idaho Falls, ID 83402 • (208) 612-3110

Kalispell District Office — 2520 U.S. Hwy. 2 East, Kalispell, MT 59901 • (406) 751-7897

Longview District Office — 3450 Memorial Park Drive, Longview, WA 98632 • (360) 414-1305

Olympia Regional Office — 5240 Trosper Rd. S.W., Olympia, WA 98512-5623 • (360) 570-4305

Redmond District Office — 3655 S.W. Highland Ave., Redmond, OR 97756 • (541) 548-4015, Ext. 3225

Salem District Office — 2715 Tepper Lane N.E., Keizer, OR 97303 • (503) 393-8181

Snohomish District Office — 914 Ave. D, Snohomish, WA 98290 • (360) 563-3602

Spokane District Office — 2410 E. Hawthorne Rd., Mead, WA 99201 • (509) 358-7379

The Dalles District Office — 3920 Columbia View Dr. East, The Dalles, OR 97058 • (541) 296-4694

Tri-Cities District Office — 3404 Swallow Ave., Pasco, WA 99301 • (509) 542-5430

Wenatchee District Office — 13294 Lincoln Park Rd., East Wenatchee, WA 98802 • (509) 886-6000

Power Services

Bend Customer Service Center — 1011 S.W. Emkay Dr., Suite 211, Bend, OR 97702 • (541) 318-1680

Burley Customer Service Center — 2700 Overland, Burley, ID 83318 • (208) 678-9481

Eastern Area Customer Service Center — 707 W. Main Ave., Suite 500, Spokane, WA 99201 • (509) 625-1305

Montana Customer Service Center — P.O. Box 140, Dayton, MT 59914 • (406) 849-5034

Richland Customer Service Center — Kootenai Bldg., Room 215, North Power Plant Loop, P.O. Box 968, Richland, WA 99352 • (509) 372-5088

Seattle Customer Service Center — 909 First Ave., Suite 380, Seattle, WA 98104-3636 • (206) 220-6759

Western Area CSC — 905 N.E. 11th Ave., P.O. Box 3621, Portland, OR 97208 • (503) 230-5856

Transmission System and Federal Dams

