

BPA facts

Information is for fiscal year 2013, unless otherwise noted.

Profile

The Bonneville Power Administration is a federal nonprofit power marketing administration based in the Pacific Northwest. Although BPA is part of the U.S. Department of Energy, it is self-funding and covers its costs by selling its products and services. BPA markets wholesale electrical power from 31 federal hydro projects in the Columbia River Basin, one nonfederal nuclear plant and several small nonfederal power plants. The dams are operated by the U.S. Army Corps of Engineers and the Bureau of Reclamation. About 30 percent of the electric power used in the Northwest comes from BPA. BPA's resources — primarily hydroelectric — make its power nearly carbon free.

BPA also operates and maintains about three-fourths of the high-voltage transmission in its service territory. BPA's service territory includes Idaho, Oregon, Washington, western Montana and small parts of eastern Montana, California, Nevada, Utah and Wyoming.

BPA promotes energy efficiency, renewable resources and new technologies that improve its ability to deliver on its mission. BPA also funds regional efforts to protect and enhance fish and wildlife populations affected by hydropower development in the Columbia River Basin.

BPA is committed to public service and seeks to make its decisions in a manner that provides opportunities for input from stakeholders. In its vision statement, BPA dedicates itself to providing high system reliability, low rates consistent with sound business principles, environmental stewardship and accountability.

BPA Mission

The Bonneville Power Administration's mission as a public service organization is to create and deliver the best value for its customers and constituents as it acts in concert with others to assure the Pacific Northwest:

- an adequate, safe, efficient, economical and reliable power supply;
- a transmission system that is adequate to the task of integrating and transmitting power from federal and nonfederal generating units, providing service to BPA's customers, providing interregional interconnections, and maintaining electrical reliability and stability; and
- mitigation of the Federal Columbia River Power System's impacts on fish and wildlife.

BPA is committed to cost-based rates and public and regional preference in its marketing of power. BPA will set its rates as low as possible consistent with sound business principles and the full recovery of all of its costs, including timely repayment of the federal investment in the system.

BPA Vision

BPA will be an engine of the Northwest's economic prosperity and environmental sustainability. BPA's actions advance a Northwest power system that is a national leader in providing:

- high reliability;
- low rates consistent with sound business principles;
- responsible environmental stewardship; and
- accountability to the region.

We deliver on these public responsibilities^{1/} through a commercially successful business.

1/ Our public responsibilities are defined by the four characteristics listed above.

General Information

BPA established	1937
Service area size (square miles)	300,000
Pacific Northwest population	12,922,668
Transmission line (circuit miles)	15,169
BPA substations	260
Employees (FTE)	3,200 ^{2/}

2/ FTE budget for FY 2014 from the 2015 congressional budget.

Customers

Cooperatives	54
Municipalities	42
Public utility districts	28
Federal agencies	7
Investor-owned utilities	6
Direct-service industries	2
Port districts	1
Tribal utilities	2
Total	142
Transmission customers	483

Rates

Wholesale power rates^{3/} (10/1/13–9/30/14)

Priority Firm Tier 1	3.15 cents/kWh (average ^{4/} , undelivered)
Priority Firm Avg. Tier 1 + Tier 2	3.29 cents/kWh (undelivered)
Priority Firm Exchange	5.91 cents/kWh (average, undelivered)
Industrial Firm	3.90 cents/kWh (average, undelivered)
New Resources	7.77 cents/kWh (average, undelivered)

3/ The rates shown do not include the cost of transmission. They also do not include the application of the Conservation Rate Credit.

4/ The actual rate paid by an individual customer will vary according to the shape of the load and the products and services purchased.

Transmission rates^{5/} (FYs 2012–2013)

Network rates:

Firm	\$17,748/kW/yr
Nonfirm426 cents/kWh

Southern intertie rates:

Firm	\$13,536/kW/yr
Nonfirm325 cents/kWh

5/ Reflects the rates for point-to-point transmission service. All short-term firm and nonfirm rates are downwardly flexible.

2013 Financial Highlights*

For the Federal Columbia River Power System
(\$ in thousands)

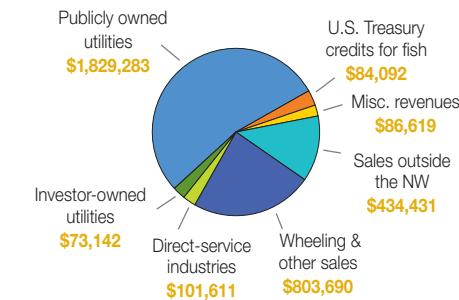
Total operating revenues ^{6/}	\$3,346,281
Total operating expenses	3,161,175
Net operating revenues	185,106
Net interest expense	289,871
Net (expenses) revenues	\$ (104,765)

6/ Includes both power and transmission revenues.

* This information is consistent with BPA's 2013 Annual Report.

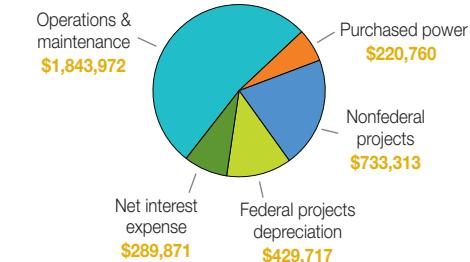
Sources of revenue^{7/}

(\$ in thousands)



Disposition of revenue^{7/}

(\$ in thousands)



7/ Does not reflect bookouts of -\$66,587.

Transmission System

Operating voltage

1,000 kV	264 ^{8/}
500 kV	4,803
345 kV	570
287 kV	229
230 kV	5,327
161 kV	119
138 kV	53
115 kV	3,522
below 115 kV	282
Total ^{9/}	15,169

8/ BPA's portion of the PNW/PSW direct-current intertie. The total length of this line from The Dalles, Ore., to Los Angeles is 846 miles.

9/ Total circuit miles as of January 2014.



Federal Hydro Projects

Name	River, state	In service	Max. capacity
Albeni Falls	Pend Oreille, ID	1955	49 MW
Anderson Ranch	Boise, ID	1950	40 MW
Big Cliff	Santiam, OR	1953	21 MW
Black Canyon	Payette, ID	1925	10 MW
Boise River Diversion	Boise, ID	1912	3 MW
Bonneville	Columbia, OR/WA	1938	1,225 MW
Chandler	Yakima, WA	1956	12 MW
Chief Joseph	Columbia, WA	1958	2,614 MW
Cougar	McKenzie, OR	1963	28 MW
Detroit	Santiam, OR	1953	115 MW
Dexter	Willamette, OR	1954	17 MW
Dworschak	Clearwater, ID	1973	465 MW
Foster	Santiam, OR	1967	23 MW
Grand Coulee ^{10/}	Columbia, WA	1942	7,079 MW
Green Peter	Santiam, OR	1967	92 MW
Green Springs	Emigrant Crk, OR	1960	17 MW
Hills Creek	Willamette, OR	1962	34 MW
Hungry Horse	Flathead, MT	1953	428 MW
Ice Harbor	Snake, WA	1962	693 MW
John Day	Columbia, OR/WA	1971	2,480 MW
Libby	Kootenai, MT	1975	605 MW
Little Goose	Snake, WA	1970	930 MW
Lookout Point	Willamette, OR	1953	138 MW
Lost Creek	Rogue, OR	1977	56 MW
Lower Granite	Snake, WA	1975	930 MW
Lower Monumental	Snake, WA	1969	930 MW
McNary	Columbia, OR/WA	1952	1,120 MW
Minidoka	Snake, ID	1909	28 MW
Palisades	Snake, ID	1958	177 MW
Roza	Yakima, WA	1958	13 MW
The Dalles	Columbia, OR/WA	1957	2,086 MW
Total (31 dams)			22,458 MW

Owned and operated by the U.S. Army Corps of Engineers (21 dams, 14,651 MW)
Owned and operated by the Bureau of Reclamation (10 dams, 7,807 MW)

10/ Includes pump generation.

BPA Resources^{11/}

(for OY 2014 under 1937 water conditions)

Sustained 120-hour peak capacity (January) 11,968 MW	
Hydro:	9,906 aMW (82.8%)
Nuclear:	1,130 aMW (9.5%)
Firm contracts & other resources:	922 aMW (7.7%)
Firm energy (12-month annual avg.) 8,505 aMW	
Hydro:	6,909 aMW (81.3%)
Nuclear:	1,030 aMW (12.1%)
Firm contracts & other resources:	576 aMW (6.6%)

Regional Resources^{11/}

(for OY 2014 under 1937 water conditions)

Sustained 120-hour peak capacity (January) 48,698 MW	
Hydro:	20,584 MW (53.2%)
Coal:	5,866 MW (12.8%)
Combustion turbines:	6,193 MW (16%)
Cogeneration:	3,098 MW (8%)
Imports:	1,408 MW (3.7%)
Nuclear:	1,130 MW (2.5%)
Renewables:	160 MW (0.4%)
Other miscellaneous resources:	258 MW (0.6%)
Firm energy (12-month annual avg.) 29,124 aMW	
Hydro:	11,887 aMW (40.8%)
Coal:	5,105 aMW (17.5%)
Combustion turbines:	5,428 aMW (18.7%)
Cogeneration:	2,613 aMW (9.0%)
Imports:	776 aMW (2.7%)
Nuclear:	1,030 aMW (3.5%)
Renewables:	1,997 aMW (6.8%)
Other miscellaneous resources:	287 aMW (1.0%)

11/ Forecast figures from BPA's "2013 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 120-hour peak load for 1937 critical-water conditions. For January 2014, the reduction is -8,043 peak MW.

Federal Generation

Hydro generation 8,540 aMW
Total generation 9,559 aMW
60-min. hydro peak generation 14,000 MW
60-min. total peak generation 15,176 MW
All-time 60-min. total peak generation record (June 2002) 18,139 MW

Fish & Wildlife

(\$ in millions)

BPA F&W program expense^{12/}
(does not include \$156 million capital) \$239
Direct funded expenditures 79
Interest, depreciation & amortization expenses 143
Total direct costs \$461
Operational impacts:
Replacement power purchases 86
Estimated foregone power revenues 135
Total F&W costs for FY 2013 \$682

BPA has committed nearly \$13.8 billion since 1978 to support Northwest fish and wildlife recovery.

12/ Integrated program and action plan/high priority.

Energy Efficiency^{13/}

	FY 2013	Total ^{14/}
Megawatts saved		
Residential programs	20 aMW	413 aMW
Commercial programs	25 aMW	318 aMW
Industrial programs	19 aMW	210 aMW
Agricultural programs	7 aMW	51 aMW
Multi-sector programs	0 aMW	109 aMW
Improved building codes	0 aMW	189 aMW
Market transformation	10 aMW	207 aMW
Total aMW saved	81 aMW	1,497 aMW

13/ All figures are preliminary, unofficial and subject to final revision.

14/ Cumulative total, FY 1982-2013.

Points of Contact

General BPA offices & website

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

Public Information Center — 905 N.E. 11th Ave., P.O. Box 3621, Portland, OR 97208 • 503-230-INFO [4636] • 800-622-4520

Public Engagement — P.O. Box 14428, Portland, OR 97293-4428 • 800-622-4519 • www.bpa.gov/comment

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 — 28401 Covington Way S.E., Kent, WA 98402 • 253-638-3770

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

Idaho Falls Regional Office — 1350 Lindsay Blvd., Idaho Falls, ID 83402 • 208-612-3100

Kalispell District — 2520 U.S. Hwy. 2 East, Kalispell, MT 59901 • 406-751-7800

Longview District — 3750 Memorial Park Drive, Longview, WA 98632 • 360-414-5601

Olympia Regional Office — 5240 Trosper Rd. S.W., Olympia, WA 98512-5623 • 360-570-4300

Redmond District — 3655 S.W. Highland Ave., Redmond, OR 97756 • 541-516-3200

Salem District — 2715 Tepper Lane N.E., Keizer, OR 97303 • 503-304-5900

Snohomish District — 914 Ave. D, Snohomish, WA 98290 • 360-563-3600

Spokane District — 2410 E. Hawthorne Rd., Mead, WA 99201 • 509-466-3833

The Dalles District — 3920 Columbia View Dr. E., The Dalles, OR 97058 • 541-296-4694

Tri-Cities District — 3404 Swallow Ave., Pasco, WA 99301 • 509-542-5459

Wenatchee District — 13294 Lincoln Park Rd., East Wenatchee, WA 98802 • 509-886-6019

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 • 208-677-6775

Eastern Area Customer Service Center — 707 W. Main Ave., Suite 500, Spokane, WA 99201 • 509-625-1300

Montana Customer Service Center — P.O. Box 640, Ronan, MT 59864 • 406-676-2669

Richland Customer Service Center — Kootenai Bldg., Room 214, 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 • 206-220-6770

Western Area CSC — 905 N.E. 11th Ave., P.O. Box 3621, Portland, OR 97208 • 503-230-5204

Transmission System and Federal Dams

