

Hydroelectric Facilities



PACIFICORP

Pacific Power
Rocky Mountain Power
PacifiCorp Energy



North Umpqua River Hydroelectric Development

The use of emission-free hydroelectric resources at PacifiCorp predates our incorporation in 1910.

Our predecessor companies found that burning timber industry residues – to create the steam to turn the turbines – couldn't keep up with the growing demand for electricity. So they innovated by looking to the abundant water resources of rivers, beginning in central and eastern Oregon and Washington.

In a carbon-conscious age, our hydroelectric facilities continue to play a considerable role in meeting our long-range plan to remain among the lowest-cost energy producers in the nation.

PacifiCorp operates seven hydroelectric projects in the Pacific Northwest. They provide more than 930 megawatts of efficient, low-cost electricity to our customers.

Hydropower adds flexibility to our resource portfolio for our customers. Generating plants powered by coal or natural gas cannot accommodate rapid changes in demand as swiftly as hydropower, so we often use our hydro units to serve the "peak" demand of our customers.

HYDROELECTRIC PROJECT	LOCATION	GENERATING CAPACITY	OPERATING SINCE
Lewis River	Southwestern Washington	510 MW	1931
Klamath River	Southern Oregon & Northern California	169 MW	1903
North Umpqua River	Southern Oregon	188.49 MW	1947
Rogue River	Southern Oregon	46.76 MW	1912
Condit* (White Salmon River)	South central Washington	13.7 MW	1911
Wallowa Falls (Wallowa River)	Eastern Oregon	1.1 MW	1926
Bend (Deschutes River)	Central Oregon	1.11 MW	1913

* Condit was breached in late October 2011. The dam removal process is expected to take one year.

For example, on a typical mid-summer day, our customers' peak demand for electricity is in the late afternoon due to an increase in air conditioning. During this peak, PacifiCorp releases additional stored water from the reservoirs through our powerhouses to

generate more electricity. Although technology doesn't allow us to actually store electricity, our reservoirs can store water, the naturally clean and renewable fuel that powers our hydroelectric generators.

Recreation at our hydroelectric facilities

Generating recreation opportunities with the same resources we use to generate power is one additional way we provide for the community.

We're serious about serving as a steward of tens of thousands of acres of fish and wildlife habitat. We maintain and enhance the natural resources – and make significant investments – while we retain considerable benefits for our customers in the form of low-cost, emission-free resources.

And we share the recreational opportunities of our land and water resources with neighbors and visitors. At several PacifiCorp facilities, you are welcome to camp, picnic, boat, enjoy whitewater activities, fish, bird watch, hike or simply enjoy the natural surroundings.

At our two largest Northwest facilities alone, we provide more than 300 camp and picnic sites. Visit pacificorp.com/recreation for details about the recreation amenities – and any fees – at our hydroelectric projects on the Klamath, Lewis and other rivers.

Check the flow before you go

- 24-hour water release information for the Lewis River & the Klamath River: 800-547-1501
- March 1 – Labor Day information for the Rogue River: 541-560-1109
- Internet postings about the Klamath, Rogue, North Umpqua and North Fork Lewis rivers: visit pacificorp.com/waterrelease

PacifiCorp is one of the lowest-cost electricity producers in the United States, providing approximately 1.7 million customers in the West with reliable, efficient energy. PacifiCorp operates as Pacific Power in Oregon, Washington and California, and as Rocky Mountain Power in Utah, Wyoming and Idaho. PacifiCorp's electric generation, commercial and energy trading, and mining functions are operated as PacifiCorp Energy.

Some of the renewable attributes associated with PacifiCorp's owned hydro electric facilities may be used to comply with state renewable portfolio standards or other regulatory requirements, or sold to third parties in the form of renewable energy credits or other environmental commodities.

HYDROELECTRIC DEVELOPMENTS	CAMP SITES	PICNIC TABLES	RESTROOMS	FISHING ACCESS	BOAT LAUNCH
Klamath River	51 at 4 facilities	104	at 12 facilities	at 6 facilities	at 9 facilities
Lewis River	301 at 4 facilities	233	at 9 facilities	at all facilities	at 7 facilities

Disclaimer: PacifiCorp is by no means promoting or inviting the public to participate in water activities. Water management data are estimates of river flows. Please beware and use caution, as actual river flows may be vastly different because of operational changes at the dams due to weather conditions. Remember: these are estimates only and are subject to change without notice.



Lewis River