

HARVEST WIND PROJECT



The Harvest Wind Project began commercial operation on December 15, 2009. It is owned by four Pacific Northwest consumer-owned utilities: **Cowlitz PUD (Longview, WA)**, Peninsula Light (Gig Harbor, WA), Lakeview Light & Power (Lakewood, WA) and Eugene (OR) Water and Electric Board.

LOCATION

Harvest Wind flanks the White Creek Wind Project in Klickitat County, WA in the Columbia River Gorge, on 9,500 acres of rangeland, 21 miles east of Goldendale. It is just northwest of Roosevelt, WA, and across the Columbia River from Arlington, OR. The west side of the project has 15 wind turbines and 28 are on the east side.

CONSTRUCTION HIGHLIGHTS

- Construction began in spring 2009 and was completed by year end.
- The construction process provided 260 full-time jobs and 105,070 labor hours.
- 19.8% of the labor was provided by apprentices, exceeding the 15% standard set by the WA State Apprentice and Training Council. As a result the utilities will earn 1.2 times the base renewable energy credit (REC) value, as set in Initiative 937.
- Harvest Wind will utilize 10 employees to operate the project.



EQUIPMENT

Siemens Power Generation supplied, installed and commissioned the 43, 2.3-MW wind turbines and associated towers and other equipment at the project.

SHIPPING AND DELIVERY

Siemens shipped towers and other components to the Ports of Longview (WA) and Vancouver (WA). The cargo was trucked to the project site. Blades were shipped by rail from the Midwest.

POWER PRODUCTION CAPABILITY

- Installed capacity of 98.9 megawatts (MW)
- The projected annual output is 30 average MW, which will provide enough electricity to serve an estimated 14,000 residences.

PROJECT OWNERSHIP

- 30% — Both **Cowlitz PUD** and Lakeview Light & Power
- 20% — Both Peninsula Light and Eugene Water and Electric Board

FINANCIAL

- As a qualified wind project, Harvest Wind earned a U.S. Treasury Department grant for 30% of the eligible construction costs, or \$60.76 million.
- These funds were available through the American Recovery and Reinvestment Act of 2009.
- Total project cost was \$160 million, of which about \$48 million is Cowlitz PUD's share.