

# Combine Hills I Wind Project



**PACIFICORP**

Pacific Power  
Rocky Mountain Power  
PacifiCorp Energy



**Forty-one turbines near Milton-Freewater, Ore., borrow the wind to generate as much as 41 megawatts of energy.**

|                            |                  |
|----------------------------|------------------|
| <b>Installed capacity:</b> | 41 MW            |
| <b>Turbines:</b>           | 41               |
| <b>Turbine rating:</b>     | 1 MW             |
| <b>Year of operation:</b>  | 2003             |
| <b>Rotor diameter:</b>     | 29.5 meters      |
| <b>Tower hub heights:</b>  | 60 and 68 meters |

The 1-MW turbines feature microprocessor systems that continuously move each turbine casing on its vertical axis and pitch the rotor's blades to respond to changing wind directions and speeds.

Combine Hills I is an innovative collaboration between:

- Energy Trust of Oregon, an independent nonprofit organization that promotes energy efficiency and renewable energy
- Eurus Energy America, the project developer, owner and operator
- PacifiCorp

Senate Bill 1149, Oregon's 1999 electricity restructuring law, created and empowered the trust to reserve 3 percent of what customers pay to investor-owned utilities. The trust administers those funds to buy down the above-market cost of the energy for conservation programs and renewable energy development.

Completed in 2003, Combine Hills I was the first commercial-scale project to benefit from SB 1149. And, without our 20-year power purchase commitment, the project would not have come to fruition.

These wind turbines benefit our customers with cost-effective energy. They also benefit neighboring communities. By their nature, wind projects are commonly built in more remote areas, where they help diversify predominantly agricultural economies. And they benefit nature with their minimal environmental footprint and absence of carbon emissions.

Wind is an important part of PacifiCorp's resource portfolio that complements our geothermal-fired generation, hydropower and energy generated by natural gas and coal to serve the needs of our customers.

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 wind projects and power purchased from contracted wind projects 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.*

