Goodnoe Hills
Wind Project

PacifiCorp
Pacific Power
Rocky Mountain Power
PacifiCorp Energy

Forty-seven turbines near Goldendale, Wash., borrow the wind to generate as much as 94 megawatts of energy.

The 2-MW turbines' intuitive microprocessor systems rotate the blade angles to catch changing winds. The generators allow turbine rotor speeds to vary between about 9 and 19 revolutions per minute, depending on wind conditions.

The project, completed in 2008, is near the site of what the Boeing Company called "the first wind farm in the world" in the 1980s, when large-scale wind turbines were being pioneered. Three turbines were erected in 1980 in a research project for Boeing, the Bonneville Power Administration, NASA and Battelle Northwest Laboratories. A successful experiment, the "wind farm" generated 8 MW. It was dismantled in 1986, shortly before Boeing refocused its energies on the aerospace industry.

Contemporary wind turbines at Goodnoe Hills 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.

Installed capacity:	94 MW
Turbines:	47
Turbine rating:	2 MW
Year of operation:	2008
Rotor diameter:	92.5 meters
Tower hub heights:	80 meters

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.