

Glenrock

Wind Project



PACIFICORP

Pacific Power
Rocky Mountain Power
PacifiCorp Energy



Sixty-six turbines near Glenrock, Wyo., borrow the wind to generate as much as 99 megawatts of energy. Completed in 2008, they stand on land that PacifiCorp retired and reclaimed from surface coal mining operations. We believe this is the first wind facility in the West to recycle land that once provided fossil fuels into one that captures renewable energy.

The 300 acres upon which the wind turbines stand were part of the 14,000-acre Dave Johnston Mine that produced 104 million tons of sub-bituminous coal between 1958 and 2000. The surface mine operation fueled our neighboring Dave Johnston Plant.

The 1.5-MW turbines' intuitive microprocessor systems rotate the blade angles to catch changing winds. The generators allow the turbine rotor speeds to vary below about 20 revolutions per minute, depending on wind conditions.

Those 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.

Installed capacity: 99 MW
Turbines: 66
Turbine rating: 1.5 MW
Year of operation: 2008
Rotor diameter: 77 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 Rocky Mountain Power in Utah, Wyoming and Idaho, and as Pacific Power in Oregon, Washington and California. 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.

