

Foote Creek I

Wind Project



PACIFICORP

Pacific Power
Rocky Mountain Power
PacifiCorp Energy



Sixty-eight turbines operated by PacifiCorp on Foote Creek I between Laramie and Rawlins, Wyo., borrow the wind to generate as much as 40.8 megawatts of energy. That area is among the windiest in the United States – with steady winds between 25 and 70 percent faster than elsewhere – due to jet stream winds and storm tracks.

Because of PacifiCorp's pioneering efforts, developers have been able to put four additional facilities into operation near ours, with more than 180 turbines and today's combined output is more than 134 MW via five projects.

When our Foote Creek I turbines first began churning out electricity in 1999, it was near the beginning of what has become extensive development of 21st century wind power technology – both for windy Wyoming and for PacifiCorp.

Entry of Foote Creek I into the grid was heralded with a first-ever Clean Energy Award from Renewable Northwest Project, a renewable energy advocacy group, and entry into the Senate Congressional Record.

PacifiCorp has more than 1,000 megawatts of owned wind generation capability. We also have long-term purchase agreements for more than 600 megawatts from wind projects owned by others. Since 2006, our owned and contracted wind-powered generation capability has increased by a total of more than 1,400 megawatts.

PacifiCorp owns nearly 79 percent – about 32.2 MW – of the Foote Creek I output and Eugene Water & Electric Board in Oregon owns the remainder.

The 600-kilowatt turbines rotate the blades at about 19 revolutions per minute through the gear box, which turns the generator at 1,500 revolutions per minute.

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:	40.8 MW
Turbines:	68
Turbine rating:	600 kW
Year of operation:	1999
Rotor diameter:	42 meters
Tower hub heights:	40 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.

