

Wheatridge Renewable Energy Facilities

Wheatridge Renewable Energy Facilities are the first major renewable energy projects in North America to co-locate wind, solar and battery storage.



About Portland General Electric Company

- » Portland General Electric is a fully integrated energy company based in Portland, Oregon, with operations across the state.
- » The company serves approximately 900,000 customers with a service area population of 2 million Oregonians in 51 cities. PGE owns 16 generation plants across Oregon and other Northwestern states and maintains and operates 14 public parks and recreation areas.
- » The Wheatridge facilities, combined with PGE's existing resources, will bring the company's wind generation portfolio to a total of more than 1,000 megawatts (one gigawatt), available from five owned or contracted wind farms in the Northwest.
- » For over 130 years, PGE has delivered safe, affordable and reliable energy to Oregonians. Together with its customers, PGE has the No. 1 voluntary renewable energy program in the U.S. PGE and its 3,000 employees are working with customers to build a clean energy future.

Portlandgeneral.com/news

Wind Overview

- » Located in Morrow County, Oregon
- » Capacity of 300 megawatts produced by 120 GE turbines
 - 200 megawatts owned and operated by a subsidiary of NextEra Energy Resources, LLC
 - 100 megawatts owned by Portland General Electric Company
- » Most turbines are approximately 90 meters tall from the ground to the hub in the center of the blades
- » Began commercial operation in late 2020

Wind Benefits

- » Created 9 full-time operations jobs
- » Created more than 300 construction jobs at peak
- » Adds property taxes benefiting schools and local services
- » Supports economy through purchases of regional goods and services
- » Provides landowner payments
- » Increased local spending for goods and services during construction
- » Allows land to remain in agricultural use
- » Creates no air or water pollution
- » Uses no water in power generation

About NextEra Energy Resources, LLC

- » A leading clean energy provider operating wind, natural gas, solar and nuclear power plants
- » A portfolio of power generating facilities across the United States and in Canada
- » The world's largest generator of wind and solar energy
- » A subsidiary of NextEra Energy, Inc., with headquarters in Juno Beach, Florida
- » Approximately 99% of the electricity we generate comes from clean or renewable sources

NextEraEnergyResources.com



Solar and Storage Overview

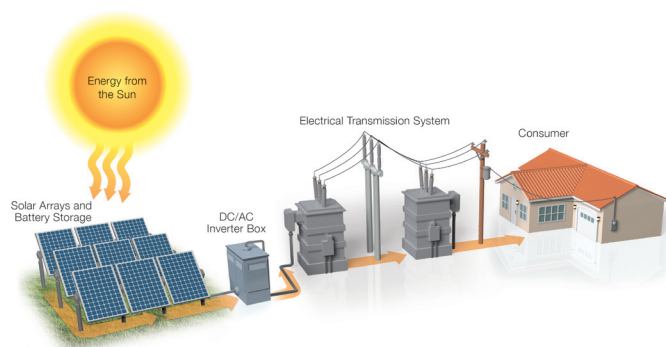
- » A 50-megawatt photovoltaic solar energy generating facility
- » A battery storage facility charges using power from the grid and provides 30 megawatts of continuous power for 4 hours
- » Began commercial operation in Spring 2022
- » Owned and operated by a subsidiary of NextEra Energy Resources, LLC

Solar Benefits

- » Delivers safe, low-cost, clean renewable energy
- » Created approximately 175 construction jobs at peak
- » Adds property taxes benefiting schools and local services
- » Creates no air or water pollution
- » Uses no water to generate electricity

Energy Storage Benefits

- » Allows energy to be delivered instantly to grid operators
- » Can help balance the load on the power grid by moving energy when demands are low to times when demands are high
- » Helps to bridge inefficiencies in the supply and demand of electricity



How the Wheatridge Renewable Energy Facilities work

As sunlight hits the solar panels, the photovoltaic energy is converted into direct current electricity (DC). The direct current flows from the panels through inverters and is converted into alternating current (AC). From the inverter, some of the emissions-free energy goes into a battery system to be stored for use at a later time while the rest of the energy travels through the power grid for delivery to homes and businesses. The facilities have the capacity to serve approximately 100,000 homes.