

Skookumchuck Wind Facility

Location

Lewis and Thurston
counties, Washington

Capacity

136 MW

Fuel Resource

Wind

Ownership

Southern Power



Southern Power announced the acquisition of its 12th wind project and first in the state of Washington — the 136-megawatt (MW) Skookumchuck Wind Facility from Renewable Energy Systems (RES) in August 2019.

Skookumchuck was developed by (Renewable Energy Systems). Construction on the project is underway, and the project is expected to achieve commercial operation in fourth quarter 2020.

Once operational, the electricity and associated renewable energy credits (RECs) generated by the facility will be sold under a 20-year power purchase agreement with Puget Sound Energy, who will have the option to keep or sell the associated RECs.

Technology

Skookumchuck consists of 38 wind turbines manufactured by Vestas.

Each turbine is mounted on top of an 80-meter-tall tower and has a 116-meter, three-blade rotor connected to a generator. Multiple wind turbines are electrically connected in parallel to the main power transformer where the energy is converted from 34.5kV to 115kV for interconnection.

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