

## **BEF Green Tag Projects**

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### **Bonneville Environmental Foundation Portfolio: Residential and Commercial Renewable Energy Generation**

STI is providing U.S.-based Green Tags from the portfolio of activities managed by the [Bonneville Environmental Foundation](#) (BEF). BEF is a non-profit organization dedicated to helping stabilize our rapidly changing climate by providing high-quality, [Green-e](#) certified renewable

energy certificates they call *Green Tags*. BEF operates projects that meet strict eligibility and performance criteria based on national standards.

Since its inception, BEF has established itself as a leader in the Green Tag market with a diversified, high quality offset portfolio of clean and sustainable renewable energy projects.

### **BEF Wind Energy Projects Include:**

#### ***White Creek Wind Project***

The White Creek Wind Project is the first large-scale wind project in which BEF was a direct financial participant at the development stage, and is the nation's largest wind project owned by public power providers. The 205 MW project will use 89 Siemens 2.3 MW wind turbines, producing enough power for 38,000 residences.

The project is built on 9500 acres of ranchland, with ranching continuing up to the turbine tower bases.

Project Partners: Klickitat PUD, Cowlitz PUD, Lakeview Light & Power, and Tanner Electric Co-op.

Location: Roosevelt, WA (21 miles east of Goldendale)

Capacity: 205 MW

Placed into Service: August 2007

### ***Condon Wind Project***

The Condon project was built on private farmland, primarily used for dryland wheat and barley farming, as well as cattle grazing. Agricultural activities continue to take place near the turbine pads. The Condon wind project generates enough energy to serve 10,513 homes.

The project uses Mitsubishi 600 kW turbines (83 in all), which stand 197 feet tall at the turbine hub and 274 feet tall including the turbine blades.

Project Partners: Sea West Windpower, Bonneville Power Administration

Location: Gilliam County, OR (five miles northwest of the town of Condon).

Capacity: 49.8 MW

Placed into service: June 2002

### ***Foote Creek Wind Project II, III, and IV***

Foote Creek II consists of a 3-turbine addition to the existing Wyoming Wind project (Foote Creek I). The 3-turbine Foote Creek II wind project generates enough energy to serve 662 homes, more than the number of homes in the city of Warm Springs, Oregon. With the addition of Foote Creek III and IV, the total megawatts (MW) for these 3 project phases is now 41.4 MW. That is enough to power over 12,500 homes. The Foote Creek project was built on native shrub steppe habitat. The project incorporates state-of-the-art measures to prevent harm to birds and a continuing program to evaluate the effectiveness

of these measures. With an annual average wind speed of over 21 MPH, this area is considered one of the best wind sites in the contiguous United States.

Project Partners: Cinergy Global Resources, Sea West Wind Power, Bonneville Power Administration

Location: Carbon County, WY

Capacity: Foote Creek II -- 1.8 MW; Foote Creek III -- 24.75 MW; Foote Creek IV -- 16.8 MW

### ***Stateline Wind Project***

The Stateline project has a total capacity of 300 Megawatts, making it one of the largest wind projects in the world. The project is located entirely on private farmland, which is primarily used for dryland wheat farming and cattle grazing. Agricultural activities take place adjacent to the turbine pads.

The Stateline Wind project consists of 399 turbines (660-kW Vestas turbines).

Project Partners: Florida Power and Light, PacifiCorp Power Marketing, Bonneville Power Administration

Location: Southern Walla Walla County, WA and Umatilla County, OR

Capacity: 300 MW

Placed into service: July 2001

### ***Klondike Wind Project I and II***

The Klondike project site is privately owned farmland, currently used for dryland wheat farming. Agricultural activities can take place next to the turbine foundation pads. The Klondike wind project generates enough energy to serve 6,126 homes, nearly the number of homes in the city of Pendleton, Oregon.

The Klondike I facility consists of 16 General Electric turbines, producing 1.5-MW each. Klondike II added 50 more General Electric turbines. The turbines are about 213 feet tall at the turbine hub, and about 328 feet tall including the turbine blades.

Project Partners: Northwestern Wind Power Inc., Bonneville Power Administration

Location: Sherman County, OR (9 miles south of the Columbia River and 7 miles east of Wasco, OR)

Capacity: 99 MW (24 MW in Phase I, and 75 MW in Phase II)

Placed into service: December 2001 (Phase I); October 2005 (Phase II)

### ***Nine Canyon Wind Project***

The Nine Canyon Wind Project is located approximately eight miles southeast of Kennewick, WA. Nine Canyon consists of forty-nine Bonus Energy A/S 1.3 MW turbines, and is currently the largest public power wind station in the country. Phase I of the project began with 37 turbines operating in September 2002. An additional 12 turbines were included with Phase II of the project, about a year later. A third phase of the project is expected to be online by early 2008. The project was developed by Renewable Energy Systems (RES), and is owned and operated by Energy Northwest to provide a renewable energy source for local public utilities.

Project Partners: Renewable Energy Systems, Energy Northwest, multiple local public utilities in the Northwest

Location: Benton County, WA

Capacity: 63.7 MW

Placed into service: September 2002 (Phase I); December 2003 (Phase II)

### ***Leaning Juniper Wind Project***

Leaning Juniper was initially developed by PPM Energy and purchased by PacifiCorp in July of 2006. It is located on 5,000 acres of property owned by Waste Management Disposal Services of Oregon, Inc. in a buffer area surrounding their landfill, approximately three miles southwest of Arlington, OR.

PPM installed 67 GE 1.5MW turbines for this project for a total capacity fo 100.5 MW. Electricity produced from the project should meet the energy demands of approximately 30,000 households in PacifiCorp's territory.

Project Partners: PPM Energy, PacifiCorp

Location: Arlington, OR

Capacity: 100.5 MW

Placed into service: August 2006

### ***Wilton Wind Energy Center***

This project was developed by FPL Energy (FPL) and is located about three miles southeast of the town of Wilton, ND and approximately 18 miles north of the capital city of Bismarck. The 8,000-acre wind produces enough power for 30,000 homes.

The Wilton facility consists of 33 General Electric turbines, producing 1.5-MW each. Another 33 turbines are in the works for an upcoming second phase of the project.

Project Partners: FPL, Basin Electric Power Cooperative, Otter Tail Power

Location: Wilton, ND

Capacity: 49 MW

Placed into service: June 2006

### ***Edgeley/Kulm Wind Energy Center***

The Edgeley/Kulm Wind Center is North Dakota's largest wind farm. Agricultural activities can take place next to the turbine foundation pads. Electricity produced from the project is expected to meet the energy demands of approximately 15,000 North and South Dakota households. The project consists of 27 1.5-MW GE turbines.

Project Partners: Florida Power & Light; Basin Electric Cooperative

Location: LaMoure County, ND

Capacity: 61.5 MW

Placed into Service: October 2003

### ***Gray County Wind Project***

Gray County Wind Farm developed by Florida Power and Light Energy (FPL) and is located on 6,000 acres of farmland just east of Montezuma, KS, thirty miles west of Dodge City in the central southwestern portion of the state. The project is on developed farmland, with agriculture activities continuing around the turbines. Kansas conservation groups have endorsed the project.

The project uses 170 Vestas turbines, and produces enough energy to meet the energy demands of approximately 33,000 midwest households.

Project Partners: Florida Power & Light, Aquila

Location: Montezuma, KS

Capacity: 112 MW

Placed into Service: December 2001