The Pilot Hill Wind Farm

Presented by Jon Baker, project developer for EDF Renewable Energy. Jon joined the company in 2013 after 5 years of development experience with other firms in the Philadelphia and Chicago area. As part of his duties Jon was responsible for the final preparation of the Pilot Hill Wind Farm before construction and any on-going permitting and real estate issues. Jon graduated with a BA in Political Science in 2006 and received his MBA from the University of Chicago in 2013.

Tuesday, July 21, 2015

The program is free and open to the public.

6-6:30 p.m. networking • 6:30-8 p.m. program

Brickstone Brewery 557 William R. Latham Drive, Bourbonnais

Menu items and drinks will be available for purchase.

Come and learn about the current role of renewables in US power sector and renewable economics, the steps to develop a wind farm (site identification, development milestones, environmental studies, permitting), construction of a wind farm (roads, foundations, erection), and operation of a wind farm and interaction with the grid (i.e. where the power goes).

EDF RE is a developer, owner, and operator of renewable projects in the US, Canada, and Mexico. EDF currently owns projects totaling over 3,000 MW and is currently constructing another 1,370 MW throughout North America. Additionally, EDF operates an additional 9,300 MW for 3rd parties as part of its O&M services. In addition to the 175 MW Pilot Hill project currently reaching COD, EDF intends to construct the 200 MW Kelly Creek project in Kankakee and Ford Counties in 2016.
ABOUT PILOT HILL

The Pilot Hill Wind Project represents the first wind energy facility to be constructed and owned by EDF Renewable Energy in Illinois. The General Electric (GE) wind turbines stand amongst 14,700 acres of agricultural farmland in Iroquois and Kankakee counties, 98% of which remain usable for farming activities. Orion Energy and Vision Energy originated the development of the project; EDF Renewable Energy acquired the development assets in July 2014.

The 20-year power purchase agreement with Microsoft played a key role in advancing the Project by providing the long-term revenue certainty needed to get the project off of the ground and into construction.

Pilot Hill will not only deliver clean energy to the Illinois grid, but will also trigger significant economic development through the creation of Illinois based construction jobs as well as long-term operations and maintenance opportunities. In addition, tens of millions of dollars over the life of the project will be provided in the form of lease payments to landowners and property taxes.

With a growing wind resource and investments in building out its transmission infrastructure to improve integration, Illinois ranks 4th in the nation when it comes to wind power generation capacity which in 2013 provided 4.7% of the state’s electrical power.

Turbine Specifications
Manufacturer: General Electric (GE)
Model: GE 1.7-100
Rotor Diameter: 100 m
Blade Length: 48.7 m

Environmental Data
Based on EPA Greenhouse Gas Equivalencies
Avoided Emissions: 600,000 Metric Tons CO₂
Equivalent to Annual GHG Emissions from: 127,000 cars

PILOT HILL WIND PROJECT
Kankakee & Iroquois Counties, Illinois
Owner: EDF Renewable Energy
Developer: Orion Energy Group & Vision Energy
Capacity: 175 MW
General Contractor: Mortenson Construction
Power Purchaser: Microsoft Corp.
Operational Date: Q1 2015

All information as of September 2014.

EDF Renewable Energy
Development - East
1925 Isaac Newton Sq, Suite 280
Reston, VA 20190
703.905.8110
www.edf-re.com