

# CONSTRUCTION

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## SUNEDISON CLOSES \$390 MILLION OF FINANCING FOR 300 MW WIND FARM IN TEXAS



SunEdison, Inc.

SunEdison, Inc., the world's largest renewable energy development company, recently announced that it has closed financing and begun construction on one of its largest wind farms to date, the 300-MW South Plains II wind farm in Floyd County, Texas.

The wind farm is expected to generate approximately 1,200 GWh of energy each year, enough to power more than 90,000 Texas homes and avoid the emission of two billion pounds of carbon dioxide. "The South Plains II wind power facility will have a positive economic impact for the people of Texas," said Paul Gaynor, SunEdison's executive vice president of Americas and EMEA. "This is expected to become one of SunEdison's largest wind projects, creating about 300 construction jobs and ensuring that

thousands of Texans have access to clean, cost-effective electricity."

Citi provided the construction loan facilities for the project, and BHE Renewables, a subsidiary of Berkshire Hathaway Energy, in partnership with Citi, will invest in the tax equity.

"Our company has been a leader in wind project development and ownership," said Tom Budler, president of BHE Wind, a division of BHE Renewables. "As we look for new ways to be involved in developing renewable generation, we see tremendous opportunity to move the industry forward through investment in the tax equity market."

The project is being built by Mortenson Construction, one of the nation's top wind farm builders. The

wind turbines are being supplied by Vestas.

“We are delighted to be partnering with SunEdison on this wind farm and contributing to the growth of the renewable energy industry in Texas,” said Tim Maag, Mortenson’s Wind Energy Group vice president and general manager.

Hewlett-Packard plans to purchase 112 MW of the wind farm’s capacity to power 100 percent of its Texas-based data centers as part of the company’s sustainable cloud initiative. The remaining 188 MW capacity will be sold to an affiliate of Citi. Construction is targeted for completion in 2016. The wind farm is on the Call Right Projects List for

TerraForm Power, Inc. TerraForm Power anticipates acquiring the project once complete.

Operation and maintenance of the wind power plants will be performed by SunEdison Services, which provides global asset management, monitoring, and reporting services. ↘

— Source: SunEdison, Inc.

## WIND FARM PLANTS TO BE BUILT IN NORTHERN PERU

The Energy and Mines Ministry granted a temporary concession to the enterprise Countourglobal Peru, which will conduct feasibility studies for Piura region-based Almirante Grau and Cupisnique II wind farms.

The Energy and Mines Ministry indicated the future Almirante Grau wind farm’s capacity will be nearly 76 MW and based in the La Brea and Pariñas district belonging to the Talara provincia (Piura region).

Likewise, the future Cupisnique II power plant’s capacity will be 148 MW. It will be located in the San Pedro de Lloc district in the Pacasmayo province (La Libertad region).

The corporation will be granted a 24-month period to conduct both project’s corresponding studies.

Per the regulation, the grantee is forced to conduct studies in compliance with the technical and safety rules, preserving the environment and safeguarding the cultural heritage of the nation. ↘

— Source: Reve Wind Energy and Electric Vehicle Review



Reve Wind Energy and Electric Vehicle Review

## GROUNDBREAKING AT NORTH CAROLINA'S FIRST INDUSTRIAL-SCALE WIND FARM



Matthew Staver - Iberdrola Renewables

For the first time, wind power is lifting off in North Carolina. Governor Pat McCrory joined business and community leaders in Elizabeth City to break ground on North Carolina's first industrial-scale wind power project.

Spanning farm fields in Pasquotank and Perquimans counties, the Amazon Wind Farm U.S. East, powered by Iberdrola Renewables at Desert Wind, would be the first utility-scale wind farm in North Carolina and one of the first in the southeastern United States. The proposed facility, if fully built out, could deploy 150 wind turbines that would generate 300 MW of power at full capacity and provide millions of dollars in tax and landowner revenue for de-

cadates. The first phase — a 208-MW project — will feature 104 wind turbines.

"The Amazon Wind Farm takes a significant step toward diversifying North Carolina's energy resources," Gov. McCrory said. "Bringing onshore wind production to North Carolina is part of my 'all-of-the-above' energy strategy. By diversifying our energy resources, we can provide affordable, reliable, and secure sources of energy that are environmentally clean and safe."

"Breaking ground on North Carolina's first wind farm is a perfect demonstration that getting to a competitive, clean energy future takes a team effort," said Frank Burkhartsmeyer, Iberdrola Renewables' U.S. CEO. "A wind farm of

this scale and complexity wouldn't be possible without Gov. McCrory's leadership, the community's support, and an exciting collaboration with Amazon Web Services."

Rising among the corn, soybean, and wheat fields near Elizabeth City and Hertford, the project is expected to generate a windfall for the local community. The total of landowner payments and taxes for the first phase of the project will inject more than \$1.1 million into the local economy each year. About 250 construction jobs will support the 18-month building period, and 10 permanent jobs will be based at the wind farm when it is in full operation, anticipated for the fourth quarter of 2016.

"This project will deliver substantial and long-term local economic benefits," said Wayne Harris, economic developer for the Elizabeth City and Pasquotank County Economic Development Commission. "Not only will it be the first wind farm in the state, it will be the largest taxpayer in each of the counties where it gets built and puts money into the pockets of local working families."

Iberdrola Renewables, LLC is a subsidiary of Iberdrola USA and the U.S. renewable energy division of parent company Iberdrola, S.A., an energy pioneer with the largest renewable asset base of any company in the world. Iberdrola Renewables, LLC is headquartered in Portland, Ore., and has more than \$10 billion of operating assets totaling more than 6,000 MW of owned and controlled wind and solar generation in the U.S. ↵

— Source: Iberdrola Renewables

## TRI GLOBAL ENERGY CONTINUES TO LEAD TEXAS IN WIND ENERGY



Tri Global Energy, a Dallas-based utility-scale renewable energy company, continues as the leading developer of wind energy projects in Texas, according to the second quarter 2015 Market Report from the American Wind Energy Association (AWEA).

With over 2,400 MW of wind generation projects currently under construction in the state, TGE's wind projects represent about a third of all wind power projects currently being developed in Texas and nearly 18 percent of all wind projects nationally.

"All signs point to the continued strong growth in demand for renewable energy, and we are ag-

gressively working to expand our participation in the market for wind energy," said John Billingsley, chairman and CEO of TGE.

"We're also encouraged by the initial moves in Congress to extend the production tax credit and investment tax credit, which help put renewable energy projects on a more equal footing with fossil fuels," Billingsley said.

Currently, there are more than 100 wind projects under construction in 24 states representing more than 13,600 MW of capacity. Texas leads the nation in wind project construction, followed by Oklahoma, Kansas, Iowa, and North Dakota, according to AWEA's Market Report.

TGE is a utility-scale renewable energy company with wind projects in Texas and New Mexico covering approximately 1,000 square miles of land. Founded in 2009, the company's goal is to develop clean energy at an affordable cost through the development of wind and solar projects and to directly benefit the communities, which provide the power. Through its proprietary "Wind Force Plan" business model, TGE allows landowners and communities to partner with and share ownership in wind energy projects. ↘

— Source: Tri Global Energy

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