



# ON THE GRID

**PROJECT: PATTERN ENERGY GROUP LP HAS SUCCESSFULLY COMPLETED CONSTRUCTION AND BEGUN OPERATIONS AT ITS PHOENIX SOLAR PROJECT, IN FANNIN COUNTY, TEXAS.**

**SIZE:** At 83 MWac, the Phoenix Solar facility expands Pattern Energy's existing operating platform in Texas to a total of 1,037 MW of clean power in operation at six facilities across the state. Pattern Energy recently repowered its Gulf Wind Facility in Kenedy County, Texas, with new turbines featuring state-of-the-art technology.

**BACKGROUND:** Phoenix Solar is utilizing First Solar Series 6 solar modules and NEXTracker NX Horizon trackers. Mortenson Construction provided engineering and construction services for the project. Phoenix Solar has a 65 MWac, 12-year power purchase agreement with Digital Realty.

**BENEFITS:** Phoenix Solar is said to be the latest example of Pattern Energy's expanding activities in solar power and continued investment in Texas. This new solar facility is creating strong benefits with more than \$15 million in revenue for Fannin County and local schools, while producing clean power for 20,000 homes. More than 200 jobs were created during construction of the new solar power facility. New renewable energy sources like Phoenix Solar make sense for communities because they are the most economic form of new power and their investments return jobs, growth and positive economic impact in the rural areas where they are developed, says Pattern. The project further expands Digital Realty's energy portfolio in Texas. The company places a high priority on sourcing net-new renewables local to its data centers. Phoenix Solar, located less than an hour's drive from Digital Realty's Richardson, Texas data center campus, fits well with that goal.

**PROJECT: SOUTHERN POWER, A LEADING U.S. WHOLESALE ENERGY PROVIDER AND SUBSIDIARY OF SOUTHERN COMPANY, HAS ANNOUNCED THAT THE GLASS SANDS WIND FACILITY IN MURRAY COUNTY, OKLAHOMA, IS NOW OPERATIONAL.**

**SIZE:** The 118 MW project, Southern Power's 15th wind facility, is Southern Power's fifth wind facility in Oklahoma, and it contributes to the company's growing fleet of clean energy resources from California to Maine.

**BACKGROUND:** The Glass Sands Wind facility showcases Southern Power's commitment to the development of wind energy and is an excellent addition to its growing renewable fleet, says the company. Glass Sands Wind consists of 28 wind turbines manufactured by Vestas. The electricity and associated renewable energy credits generated by the facility will be sold under a power purchase agreement with Amazon. Southern Power acquired the Glass Sands Wind facility from Steelhead Americas, Vestas' development arm in North America, in December 2020.

**BENEFITS:** The project created more than 250 jobs at peak construction. With the addition of Glass Sands, Southern Power's wind portfolio consists of more than 2,534 MW of wind generation. These wind facilities are a part of the company's 4,930-MW renewable fleet, which consists of 43 solar and wind facilities operating or under construction. This project aligns with Southern Power's overall business strategy of strengthening its wholesale business by acquiring and developing generating assets that are covered by long-term contracts with counterparties with strong credit support, says the company.

**PROJECT: ENGIE NORTH AMERICA INC. AND HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAPITAL HAVE COMPLETED THE FINAL PROJECT, A SOLAR FARM IN VIRGINIA, IN A LARGE PORTFOLIO OF RENEWABLE ENERGY PROJECTS.**

**SIZE:** The 50 MW solar farm in Virginia is part of a 2.3-gigawatt (GW) portfolio of wind and utility-scale solar projects, by the companies.

**BACKGROUND:** In all, there are 13 renewable projects online with the portfolio, including 1.8 GW of onshore wind and 500 MW of utility-scale solar photovoltaic (PV) projects. They are estimated to be producing enough renewable energy on the grid to provide power to the equivalent of over 500,000 homes in the U.S.

**BENEFITS:** The nine wind and four solar projects, which were constructed from late 2019 through the fall of 2021, supported more than 3,500 mostly local jobs during the construction phase. ENGIE not only developed the complex portfolio of projects, but they will also be the operator—meaning long-term relationships with local communities over the coming decades. The projects will provide long-term property tax revenues in 15 counties across five states supporting services and growth in these largely rural American communities.