



ON THE GRID

PROJECT: DUPONT HAS ANNOUNCED THAT APPALOOSA RUN WIND ENERGY CENTER, A TEXAS WIND ENERGY PROJECT RESULTING FROM A VIRTUAL POWER PURCHASE AGREEMENT (VPPA) WITH A SUBSIDIARY OF NEXTERA ENERGY RESOURCES, LLC, IS NOW OPERATIONAL AND GENERATING CLEAN, RENEWABLE ENERGY.

SIZE: 135 MW

BACKGROUND: The Appaloosa Run Wind Energy Center, located in Upton County, Texas, will generate approximately 528,000 megawatt hours (MWh) of renewable electricity annually.

BENEFITS: Appaloosa Run will deliver the clean energy equivalent to avoiding the carbon emissions from more than 81,000 passenger cars driven each year, or the annual electricity consumption of nearly 70,000 homes. It will provide many economic benefits for Upton County, including enhancements to local roads, schools and services, says DuPont. The project will also help support DuPont's Acting on Climate goal of reducing absolute greenhouse gas (GHG) emissions by 30 percent, including sourcing 60 percent of electricity from renewable energy by 2030, and achieving carbon neutrality by 2050.

PROJECT: EMERGENT SOLAR ENERGY HAS LAUNCHED ITS LATEST COMMERCIAL PROJECT, A, ROOF-MOUNTED SOLAR INSTALLATION, AT THE INDIANAPOLIS HEADQUARTERS OF ABEL CONSTRUCTION COMPANY, NEAR THE INDIANAPOLIS MOTOR SPEEDWAY.

SIZE: 210-kilowatts

BACKGROUND: The state-of-the-art, bifacial installation spans 21,300 square feet and is expected to generate 287,195 kilowatt-hours of clean, renewable electricity each year, which is the equivalent of powering more than 39 homes annually. The building also is home to Abel Motorsports, which owns a racing team in the Indy NXT racing series sanctioned by IndyCar. Indy NXT was previously called Indy Lights. Abel Motorsports also, for the first time, fielded a car in the 2023 Indianapolis 500, with driver R.C. Enerson. The project is said to be one of the largest of its kind in Indianapolis, and an example of how solar can be integrated into existing commercial buildings to offset utility-purchased electricity, provide economic benefits through commercial tax incentives and help businesses accomplish their sustainability goals.

BENEFITS: The solar installation utilizes high-efficiency, bifacial solar panels to capture sunlight on both sides and convert it into usable energy. The project will contribute to a substantial reduction in carbon emissions, estimated to be equivalent to planting 336 trees annually. This project showcases the potential of commercial solar power to provide sustainable and cost-effective energy solutions, ultimately reducing the environmental impact of businesses, says the company. In addition to the environmental benefits, the roof-mounted solar installation will yield substantial economic advantages for Abel Construction. It is expected to significantly reduce the company's reliance on traditional electricity sources, resulting in substantial cost savings and long-term financial stability.

PROJECT: UTILITY COMED AND SUMMIT RIDGE ENERGY HAVE COMPLETED THREE COMMUNITY SOLAR PROJECTS IN STREATOR, ILLINOIS, INCLUDING THE 80TH COMMUNITY SOLAR PROJECT IN COMED'S NORTHERN ILLINOIS SERVICE REGION.

SIZE: Combined, the projects will generate approximately 6-megawatts of clean energy, enough to serve the energy needs of between 1,000 and 1,200 average homes.

BACKGROUND: The three projects include more than 16,700 solar panels and occupy 38 acres in Streator. Summit Ridge says it expects to complete over 50 community solar projects in northern Illinois by the end of this year, helping ComEd bring renewable energy to its customers. Summit Ridge Energy says it is the largest commercial solar developer and owner-operator in Illinois, with an energy portfolio of more than 250 megawatts across the state.

Illinois' Climate and Equitable Jobs Act (CEJA) increases support for renewable energy, to reach 40 percent by 2030 and 50 percent by 2040. It creates nearly 9,800 megawatts of new solar capacity and increases funding for the Illinois Solar for All program—which gives lower-income customers access to solar power—from \$30 million to \$70 million annually.

BENEFITS: The projects will enable residents to save money on their ComEd electric bills while supporting the expansion of renewable energy and Illinois' ambitious clean energy goals. These three new projects, and reaching the 80th project milestone, demonstrate ComEd's commitment to increasing access to clean energy, says the company. Community solar allows all ComEd customers to participate in the benefits of clean solar energy without installing solar panels of their own. Participants subscribe to a solar energy "farm" of solar panels owned by an independent developer and earn credits on their monthly ComEd bills for their portion of the energy produced by the project.