ONTHEGRID

PROJECT: NEXAMP AND TURNINGPOINT ENERGY (TPE) RECENTLY COMPLETED CONSTRUCTION OF A NEW SOLAR FARM IN WARREN, RHODE ISLAND.
SIZE: A 9.4 megawatt (MW) solar farm made up of more than 17,000 solar modules.
BACKGROUND: The solar farm, which includes two co-located solar arrays, represents a unique repurposing of acreage that was previously developed as a golf course. TPE developed the project, and Nexamp built, owns, and operates it. Construction began in late-2022, with power delivered to the grid for the first time in July. Located in the Rhode Island Energy service territory, it is part of Rhode Island's Virtual Net Metering program, exclusively serving schools, non-profits, and municipalities. This is Nexamp's largest solar project in Rhode Island to date, adding to its rapidly growing national solar portfolio and extending its relationship with TPE as a development partner.
BENEFITS: The solar project provides energy savings to 15 area non-profit organizations, schools, cities, and towns that have signed an energy sales agreement with Nexamp and get their power from Rhode Island Energy. One of the local groups benefiting from the solar project is Hope & Main, a non-profit culinary incubator working to empower an inclusive community of entrepreneurs to jumpstart and cultivate thriving food businesses that are the foundation of a more sustainable and resilient local food economy.

PROJECT: SPANISH ENERGY COMPANY REPSOL HAS COMPLETED CONSTRUCTION OF ITS FRYE SOLAR PROJECT, LOCATED IN KRESS, TEXAS, THE LARGEST SOLAR PROJECT EVER BUILT BY THE COMPANY.
SIZE: With nearly one million solar panels, the Frye project has a total installed capacity of 637 MW.
BACKGROUND: Repsol has already signed a long-term power purchase agreement (PPA) for 89 percent of the output from this project as part of its strategy to lock in returns. Repsol is already operating two other solar power plants in the U.S., both in New Mexico—Jicarilla 1 and 2—with a total 125 MW of installed capacity and 20 MW of battery storage. The company expects to achieve 3 GW to 4 GW of installed renewable capacity in the U.S. by 2027. According to its Strategic Update, Repsol will invest between €3 billion and €4 billion to organically develop its global project portfolio and aims to reach between 9,000 MW and 10,000 MW of installed capacity by 2027. Of this, 30 percent will be in the U.S.
BENEFITS: Repsol views completion of the Frye project, its largest U.S. renewable facility to date, as a major milestone that will contribute to its commitment to become a net-zero emissions company by 2050. Repsol's total renewable installed and under development capacity in Texas is 2,091 MW, including renewable energy facilities at Frye (637 MW), Outpost (629 MW), and Pinnington (825 MW).

PROJECT: COPENHAGEN INFRASTRUCTURE PARTNERS (CIP) HAS ANNOUNCED THAT POWER FROM BUFFALO PLAINS, CANADA'S LARGEST ONSHORE WIND PROJECT, HAS BEEN DELIVERED TO THE ALBERTA GRID FOR THE FIRST TIME.
SIZE: Buffalo Plains consists of 83 turbines with a total capacity of 495 MW, and will provide clean energy to approximately 240,000 households in Alberta.
BACKGROUND: The project is being delivered in collaboration with Siemens Gamesa and Borea Construction. The first turbine on Buffalo Plains was installed in April 2024. The successful delivery of first power demonstrates CIP's ability to execute on large and complex infrastructure projects that will provide local jobs and clean, renewable wind energy, says CIP.
BENEFITS: Buffalo Plains is CIP's second successful investment in Canada after its involvement in Travers Solar, Canada's largest solar project, which was completed in 2022. Located in Vulcan County, Alberta, the project created approximately 250 full-time jobs and will provide substantial economic and environmental benefits to the province, says CIP. Technology company Amazon has signed a power purchase agreement to procure 415 MW of output from Buffalo Plains. Buffalo Plains is an important part of the 29 GW+ portfolio of renewable generating assets – including onshore wind, offshore wind, solar PV, battery storage, pumped storage hydro, and transmission – that CIP has in development, construction or operation across North America, says the company.