



## LILY SOLAR PLUS STORAGE TO POWER KAUFMAN COUNTY, TEXAS

Expected to go online in late 2021, the Lily solar plus storage project combines a 181 megawatt (MW) solar photovoltaic (PV) energy facility with 50 MWs of battery storage. Located in Kaufman County, Texas, Lily is set to be Enel Green Power's first utility-scale solar plus storage project in all of North America.

The hybrid model pairs bifacial solar panels with utility-scale battery storage to better store excess energy generated by the solar plant and distribute it during periods of high electricity demand. The 75 MW hours of storage capacity system delivers 24/7 clean energy to the Texas grid by dispatching energy when the sun isn't shining.

In total, the facility will house 421,400 PV panels capable of generating over 367 gigawatt-hours (GWh) per year, enough power to meet the annual electricity needs for 33,000 Texas households. That's the equivalent of avoiding more than 242,000 tons of CO<sub>2</sub> emissions annually.

The plant's current construction commenced in July of 2020 and has already created more than 225 local jobs. The renewable-plus-storage storage project is also expected to create long-term value for Kaufman County communities. Once operational, Lily is projected to bring in \$25 million in property tax revenue over the project's lifetime.

### BY THE NUMBERS

- **421,400** bifacial panels
- **33,000** households powered
- **\$25M** in property tax revenue

### COMMUNITY IMPACT

*Lily's sustainability strategy in Kaufman County includes co-located agriculture and solar photovoltaic infrastructure, dubbed "agrivoltaics." Co-developing agriculture and solar power on the existing land improves native vegetation, protects local wildlife and ecosystems, and establishes pollinator-friendly habitats that can improve local food production.*

## SUPPORT MORE PROJECTS LIKE THESE

Making the investment tax credit (ITC) for solar refundable, creating a refundable ITC for energy storage, and providing incentives for advanced energy development in rural and agricultural areas can bring more projects like this to Texas.