



Lambertville Solar Project

The solar facilities are located in West Amwell Township, NJ adjacent to Texas Eastern Transmission's Lambertville Compressor Station.

The facility will be able to produce 2.25 megawatts (MW) AC of electricity to help power a portion of Texas Eastern's Lambertville Compressor Station.

- Construction on the Solar Photovoltaic (PV) Project began in May 2020.
- Electricity production is expected to begin in Fall 2020.
- Total project cost: approximately \$7 million.
- To ensure optimal flow through the interstate natural gas pipeline system, natural gas must be periodically compressed and pushed through the pipeline. Over extended distances, friction and elevation differences reduce the pressure within the pipeline and slow the flow of natural gas.
- There are hundreds of compressor stations across North America, placed roughly 50 to 70 miles apart along the transmission pipeline system, that give the natural gas a needed "boost" helping it get from one point to the next along the pipeline system.
- Compressor stations are significant consumers of energy to keep natural gas pipelines operating efficiently.
- The Lambertville Compressor Station operates using both natural gas powered turbines, and Electric Motor Drive (EMD) compressor units. The Lambertville Solar Project will help power the station with renewable electricity.

- Number of jobs supported by the project: approximately 45
- Cost savings to Enbridge customers: by partially reducing cost of electricity for station operations, we estimate an approximately \$11 million combined savings for Enbridge customers over the 25-year life of the Lambertville Solar Project and a similar facility currently under development.
- The Lambertville Solar Project is expected to reduce greenhouse gas (GHG) emissions by 58,500 metric tons. In combination with similar solar installations currently under development, the first two solar self-power installations are expected to cumulatively reduce GHG emissions by over 131,700 metric tons – the equivalent of taking 28,450 cars off the road over the project's lifetime.
- Other solar self-power facilities: a number of Enbridge facilities along Texas Eastern are being examined for possible solar self-power projects similar to the Lambertville Solar Project.
- Solar panels and racking system: LONGi solar PV panels and OMCO racking system are being used on this project.

