



PENN YAN SOLAR

Project Highlights

- **Project Name:** Penn Yan Community Solar
- **Project Type:** Utility-Scale Solar | Community Solar
- **Project Location:** Penn Yan, Yates County, New York, USA
- **Project Size:** 7.2 MW DC
- **Project Operation Date:** November 2022
- **PV Module Supplier:** Boviet Solar
- **Project Developer:** EDPR NA Distributed Generation LLC
- **Project Owner:** EDPR NA Distributed Generation LLC
- **Project Offtaker:** Community solar subscribers in NYSEG service territory
- **Project Grid Connection:** New York State Electric & Gas (NYSEG)

Project Overview

Commissioned in November 2022, the Penn Yan Community Solar project is a 7.2 MW DC community distributed generation (CDG) solar facility serving NYSEG customers in NYISO Zone C. Developed by EDP Renewables North America – Distributed Generation (EDPR NA DG) and owned by EDPR NA Distributed Generation LLC, the ground-mounted array utilizes Boviet Solar’s top-performing PV modules to deliver reliable energy output and long-term durability in New York’s climate.

The project provides strong economic, social, and environmental benefits to the Finger Lakes region. It produces approximately 12,600 MWh of clean electricity each year, enough to power about 1,560 New York homes. Economically, it converts underutilized land into recurring tax and lease revenue and supports local construction and ongoing O&M jobs. Socially, as a CDG asset, it expands access to solar via bill-credit subscriptions for households and small businesses that can’t host rooftop systems. Environmentally, the system avoids roughly 5,500 metric tons of CO₂ annually, saves about 9 million liters of water, and displaces roughly 2,000 short tons of coal each year, directly supporting New York’s climate and clean-energy goals.

Economic Benefits

Penn Yan Community Solar strengthens the local economy through construction and technical employment, long-term service work, and recurring municipal revenues from taxes and land agreements. With annual generation of ~12,600 MWh—equivalent to powering ~1,560 homes, the project delivers stable, grid-connected renewable energy that supports regional energy reliability and provides tangible value to NYSEG customers through the CDG bill-credit structure.

Social Benefits

As a Community Solar (CDG) project, Penn Yan broadens access and equity by enabling subscribers to receive net bill credits without installing panels on their properties. This inclusive model supports renters, low-to-moderate-income households, and small businesses, fostering community participation in the clean-energy transition and building local resilience while aligning with state and municipal sustainability priorities.

Environmental Benefits (Estimated)

Generating about 12,600 MWh of renewable electricity annually, Penn Yan Community Solar helps avoid roughly 5,500 metric tons of CO₂, save about 9 million liters of water, and displace approximately 2,000 short tons of coal each year, equivalent to removing around 1,200 cars from the road or planting about 89,000 trees (seedlings grown for 10 years). By utilizing an already-disturbed site, the project minimizes additional land impacts while advancing New York’s decarbonization strategy.

BOVIET SOLAR

Boviet Solar is a leading solar technology company founded in 2013 in Vietnam, specializing in the manufacturing of high-performance monocrystalline PV cells and premium Gamma Series™ monofacial

and Vega Series™ bifacial PV modules. Our top-performing modules are engineered for a wide range of applications, including residential, commercial, industrial, community, and utility-scale solar projects.

Boviet Solar combines business acumen, financial strength, technological expertise, and manufacturing excellence to deliver reliable, high-efficiency solar solutions to industry clients worldwide. The company is deeply committed to sustainability, supply chain traceability, and compliance with international trade standards, while fostering long-term, trust-based partnerships across the global energy sector. Boviet Solar has earned industry-wide recognition for quality and reliability. The company has maintained a Tier 1 PV Module Manufacturer ranking by Bloomberg New Energy Finance (BNEF) since 2017, has been recognized as one of the Top 10 Most Bankable Global PV Module Manufacturers by Wood Mackenzie, and is ranked among the Top 10 Most Financially Reliable PV Module Manufacturers by Sinovoltaics. Boviet Solar's modules have also been consistently rated as Top Performers in Kiwa PVEL's PV Module Reliability Scorecard since 2019.

Headquartered in Vietnam, Boviet Solar operates manufacturing facilities in both Vietnam and the United States. The company also maintains regional operations in the United States, Germany, and other key international markets. To learn more, visit www.bovietsolar.com.