



MONROE SOLAR FARM

Project Highlights

- **Project Name:** Monroe Solar Farm
- **Project Type:** Utility-Scale Solar | Landfill | Brownfield Redevelopment
- **Project Location:** Monroe Township, Middlesex County, New Jersey, USA
- **Project Size:** 16 MWDC | 13.1 MWAC
- **Project Operation Date:** May 2020
- **PV Module Supplier:** Boviet Solar
- **Project Developer:** CEB Renewables
- **Project Owner / Operator:** NJR Clean Energy Ventures III Corporation

Project Overview

The Monroe Solar Farm is a 16 MWDC / 13.1 MWAC utility-scale solar project built on the remediated Monroe Landfill / brownfield site in Monroe Township, Middlesex County, New Jersey. Owned and operated by NJR Clean Energy Ventures III Corporation and powered by Boviet Solar's top-performing PV modules, the project was commissioned in 2020 and delivers renewable energy directly into the PJM Interconnection through JCP&L's distribution system.

Economically, Monroe Solar Farm represents a multi-million-dollar investment, created more than 100 construction jobs, sustains long-term operations and maintenance employment, and generates consistent tax revenues for the township. Socially, the project demonstrates successful reuse of landfill / brownfield site, improves local land value, provides workforce training opportunities, and enhances community pride in clean energy leadership. Environmentally, Monroe produces approximately 18,600 MWh of clean electricity annually, powering ~1,700 homes, while offsetting ~9,300 metric tons of CO₂ emissions each year. This is equivalent to removing ~2,000 cars from the road, eliminating the burning of ~16.7 million pounds of coal, conserving ~160 million gallons of water, and planting around 155,000 trees.

Behind the project's long-term performance is a trusted partnership. **Chris Ichter**, Executive Vice President of CEP Renewables, states:

"Our relationship with Boviet Solar spans over ten years, built on mutual trust, reliability, and shared commitment to excellence. Boviet Solar's PV modules consistently deliver the efficiency and durability we need to ensure our projects perform for decades. They've proven time and again to be a true long-term partner, responsive, dependable, and aligned with our mission to advance clean, sustainable energy."

Economic Benefits

The Monroe Solar Farm generates about 18,600 MWh of renewable electricity annually, providing enough power for more than 1,700 New Jersey homes. Construction of the project created over 100 jobs, engaged local contractors, and continues to sustain long-term O&M roles. The facility contributes property tax revenues that support schools, healthcare, and infrastructure, while delivering clean energy into the PJM wholesale market via JCP&L.

Social Benefits

By repurposing a former landfill / brownfield site, the Monroe Solar Farm eliminates legacy environmental liabilities and creates productive use for previously impaired land. The project supports local workforce training and contracting opportunities, enhances land value, and positions Monroe Township as a model for sustainable redevelopment and renewable energy adoption. Community pride is strengthened as residents see tangible progress toward New Jersey's clean energy goals.

Environmental Benefits (Estimated)

Each year, the Monroe Solar Farm produces approximately 18,600 MWh of clean energy, offsetting around 9,300 metric tons of CO₂ emissions. This is equivalent to removing ~2,000 gasoline-powered cars from the road or planting ~155,000 trees annually. The project also prevents the burning of ~16.7 million

pounds of coal and conserves nearly 160 million gallons of water, delivering measurable contributions to climate change mitigation, air quality improvement, and natural resource protection.

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.