



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, an Inox Solar Americas company, is a solar energy technology and manufacturing company focused on delivering high-performance photovoltaic (PV) modules for the U.S. market. Its portfolio includes Gamma Series™ monofacial and Vega Series™ bifacial PV modules, designed for utility-scale, community solar, commercial, and industrial (C&I), and residential applications, with a focus on reliability, efficiency, and long-term performance.

The company operates a state-of-the-art manufacturing facility in Greenville, North Carolina, with approximately 3.0 GW of annual production capacity. This U.S.-based production supports localized supply, efficient logistics, and alignment with project timelines and market requirements.

As part of Inox Solar Americas, Boviet Solar benefits from enhanced financial backing and integration within a broader renewable energy platform under Inox Clean Energy and the INOXGFL Group. This strengthens its ability to support compliant, financeable, and scalable solar projects while maintaining consistent execution and product performance.

Boviet Solar works closely with developers, EPCs, and asset owners to deliver projects on time and support long-term performance. The company remains committed to advancing clean energy by providing dependable solutions that enable customers to build and operate projects with confidence.

To learn more, please visit www.bovietsolar.com, www.inoxclean.com, www.inoxgfl.com