



## FOUL RIFT SOLAR FARM

### Project Highlights

- **Project Name:** Foul Rift Solar Farm
- **Project Type:** Utility-Scale Solar I Brownfield Redevelopment
- **Project Location:** Warren County, New Jersey, USA
- **Project Size:** ~19 MWDC I ~14 MWAC
- **Project Operation Date:** October 2024
- **PV Module Supplier:** Boviet Solar
- **Project Developer:** CEP Renewables
- **Project Owner:** NJR Clean Energy Ventures III Corporation

## Project Overview

The Foul Rift Solar Farm is a 19 MWDC / 14 MWAC utility-scale solar project developed on a remediated brownfield site in Warren County, New Jersey. Developed by CEP Renewables and owned by NJR Clean Energy Ventures, the project is powered by top-performing PV modules supplied by Bovie Solar. The project demonstrates how brownfield redevelopment can deliver clean energy while revitalizing impaired land. Commissioned in 2024, Foul Rift delivers measurable impact across economic, social, and environmental dimensions.

Economically, the project generated hundreds of construction jobs, provided long-term operations and maintenance roles. Socially, it showcases the benefits of turning a once environmentally distressed site into a source of local pride and workforce opportunity, positioning Warren County as a leader in sustainable redevelopment. Environmentally, the Foul Rift Solar Farm produces approximately ~31,000 MWh of clean electricity annually, enough to power ~3,000 homes, while offsetting ~15,500 metric tons of CO<sub>2</sub> emissions. Each year, it eliminates the burning of ~27 million pounds of coal and conserves nearly 270 million gallons of water, supporting both New Jersey's clean energy targets and regional climate goals.

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

***"Our relationship with Bovie Solar spans over ten years, built on mutual trust, reliability, and shared commitment to excellence. Bovie 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 Foul Rift Solar Farm represents a multi-million-dollar investment in Warren County, creating a wave of economic activity during construction and ongoing operations. It generates approximately 31,000 MWh of clean electricity per year, enough to power 3,000 New Jersey homes. The project's construction created hundreds of jobs with local contractors, and in the long term, the project sustains O&M employment. By integrating renewable generation into the PJM market, Foul Rift strengthens grid reliability and diversifies the region's energy mix with low-cost clean power.

## Social Benefits

The Foul Rift Solar Farm demonstrates how renewable energy projects can transform underutilized contaminated land into assets that serve local communities. By redeveloping a brownfield site, the project enhances land value and community safety, while also stimulating workforce development in solar construction and maintenance. The project builds community pride, positioning White Township as a leader in New Jersey's clean energy future, and serves as a replicable model for municipalities across the U.S. looking to balance land reuse with clean energy generation.

## Environmental Benefits (Estimated)

Each year, the Foul Rift Solar Farm produces approximately 31,000 MWh of renewable electricity, offsetting ~15,500 metric tons of CO<sub>2</sub> emissions. This is equivalent to removing ~3,300 gasoline-powered cars from the road or planting ~260,000 trees annually. By replacing fossil-fuel generation, the project avoids burning ~27 million pounds of coal annually and conserves ~270 million gallons of water, delivering significant climate, air quality, and resource conservation benefits. Its redevelopment of a brownfield site further reduces environmental risk and shows how solar energy can be integrated into sustainable land use strategies.

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## 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](http://www.bovietsolar.com).