PARKER ROAD SOLAR POWER PLANT

Project Highlights

- Project Name: Parker Road Solar Power Plant
- Project Type: Utility-Scale Solar I Landfilled I Brownfield I Superfund
- Project Location: Washington Township, Morris County, New Jersey, USA
- Project Size: 18 MW AC I 21.3 MW DC
- Project Operation Date: November 2025
- PV Module Supplier: Boviet Solar
- Project Developer: CEP Renewables
- Project Owner / Operator: CEP Renewables

Project Overview

The Parker Road Solar Farm is an ~18 MW utility-scale solar project being developed on the remediated Combe Fill South landfill site in Washington Township, Morris County, New Jersey. Developed by CEP Renewables and powered by Boviet Solar's top-performing PV modules, the project transforms one of the state's most environmentally impaired sites into a productive renewable energy facility.

Economically, the project represents a multi-million-dollar investment, has already enabled Washington Township to recover $2.4 million in back taxes, and is expected to create over 150 local construction jobs, provide O&M employment, and deliver new tax revenues for schools and public services. Socially, the project demonstrates the value of landfill redevelopment, converting a former Superfund site into a source of clean power and community pride, while creating opportunities for local contractors and renewable energy workforce development. Environmentally, once operational, Parker Road is projected to generate approximately ~32,000 MWh of clean energy annually, enough to power ~3,000 homes. Each year, the project will offset ~16,000 metric tons of CO_2 emissions, equivalent to removing ~3,400 cars from the road, eliminating ~28 million pounds of coal, conserving ~290 million gallons of water, and planting the equivalent of ~265,000 trees.

"Our relationship with Boviet Solar spans over ten years, built on mutual trust, reliability, and shared commitment to excellence. Boviet'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."

Chris Ichter, Executive Vice President, CEP Renewables

Economic Benefits

The Parker Road Solar Farm is expected to generate ~32,000 MWh of clean energy annually, powering over 3,000 New Jersey homes. Construction will create 150+ local jobs, boost business for regional contractors, and sustain long-term O&M roles. The project has already delivered tangible municipal value by allowing Washington Township to recover $2.4 million in back taxes and will continue to provide property tax revenues, strengthening local education, healthcare, and infrastructure funding.

Social Benefits

By transforming the former Combe Fill South landfill, the Parker Road Solar Farm addresses long-standing environmental and financial liabilities while delivering a new community asset. The project creates workforce training and local contracting opportunities, fosters community pride by turning a once-contaminated site into a renewable hub, and positions Washington Township as a leader in sustainable redevelopment and energy transition.

Environmental Benefits (Estimated)

Once fully operational, Parker Road Solar will produce around 32,000 MWh of renewable electricity annually, avoiding nearly 16,000 metric tons of CO_2 emissions each year. This is equivalent to removing

approximately 3,400 gasoline-powered cars from the road or planting ~265,000 trees. The project will also prevent the burning of ~28 million pounds of coal annually and conserve nearly 290 million gallons of water compared to conventional generation. By integrating solar power with landfill redevelopment, Parker Road delivers multiple layers of environmental benefit — from reducing carbon emissions and improving air quality to protect water resources and repurposing contaminated land for long-term sustainability.

BOVIET SOLAR

Boviet Solar Technology Co., Ltd. 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, with an annual production capacity of 3.0 GW for PV cells and modules. The company also maintains regional operations in the United States, Germany, and other key international markets. To learn more, visit www.bovietsolar.com.