MOUNT OLIVE SOLAR POWER PLANT

Project Highlights

- Project Name: Mount Olive Solar Power Plant
- Project Type: Utility-Scale Solar I Brown Field & Landfill / Superfund (Combe Fill North)
- Project Location: Mount Olive Township, Morris County, New Jersey, USA
- Project Size: 25.6 MW DC I 19.8 MW AC
- Project Operation Date: November 2022
- PV Module Supplier: Boviet Solar
- Project Developer: CEP Renewables (with CS Energy as EPC)
- Project Owner / Operator: NJR Clean Energy Ventures

Project Overview

The Mount Olive Solar Farm is a 25.6 MWdc utility-scale solar project developed on the remediated Combe Fill North Landfill Superfund site in Mount Olive Township, New Jersey. Developed by CEP Renewables with CS Energy as EPC, powered by Boviet Solar's top-performing PV modules, and owned by NJR Clean Energy Ventures, the project was completed in November 2022 and is recognized as the largest landfill solar project in North America.

Economically, Mount Olive represents a multi-million-dollar investment, created over 200 construction jobs, sustained ongoing O&M employment, and enabled the township to recover $2.3 million in back taxes from the property. It generates enough clean electricity to power over 4,000 homes annually, delivering long-term revenue streams to the community. Socially, the project demonstrates the successful reuse of a contaminated Superfund site, enhances community pride, and positions Mount Olive Township as a leader in sustainable redevelopment. Environmentally, Mount Olive produces about ~42,000 MWh of clean energy annually, offsetting ~21,000 metric tons of CO_2 emissions, equal to removing ~4,500 cars from the road, displacing approximately 9,800 short tons of coal, conserving ~380 million gallons of water, and planting the equivalent of ~350,000 trees each year.

"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

Mount Olive Solar generates approximately 42,000 MWh of renewable electricity annually, enough to power more than 4,000 New Jersey homes. The project created over 200 construction jobs, sustained local contractors, and continued to provide long-term operations and maintenance employment. In addition, the project resolved $2.3 million in back taxes owed to Mount Olive Township, strengthening municipal finances and freeing funds for schools, infrastructure, and public services. By delivering renewable energy into the PJM Interconnection through JCP&L, Mount Olive contributes to grid stability while supporting New Jersey's clean energy portfolio.

Social Benefits

The Mount Olive Solar Farm highlights the power of landfill redevelopment, converting the long-blighted Combe Fill North Superfund site into a clean energy asset. The project eliminated environmental liabilities for the township while creating workforce training and local contracting opportunities. It also strengthened community identity and pride by positioning Mount Olive as a national model for landfill-to-solar redevelopment.

Environmental Benefits

Each year, Mount Olive Solar produces about 42,000 MWh of zero-emission electricity, offsetting approximately 21,000 metric tons of CO_2 emissions. This is equivalent to removing nearly 4,500 gasoline-powered cars from the road annually or planting around 350,000 trees. By replacing fossil fuel

generation, the project avoids the combustion of nearly 19.6 million pounds of coal (~9,800 short tons) each year and conserves close to 380 million gallons of water, improving air quality, reducing greenhouse gas emissions, and protecting natural resources. The redevelopment of the landfill further enhances sustainability by giving new life to an otherwise unusable property.

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.