# INNOVATIVE SOLAR POWER PLANT (IS67)

## Project Highlights

- Project Name: Innovative Solar (IS 67) Power Plant
- Project Type: Utility-Scale Solar
- Project Location: Willard, Pender County, North Carolina, USA.
- Project Size: 34.2 MW AC | 49 MW DC
- Project Operation Date: December 2018
- PV Module Suppliers: Boviet Solar and others
- Project Developer: Cypress Creek Renewables
- Project Owner / Operator: John Laing US Solar Corp.

## Project Overview

The Innovative Solar 67 PV Park is a 49 MWdc utility-scale solar facility in Willard (Pender County), North Carolina. Now owned and operated by John Laing US Solar Corp., the project is powered by Boviet Solar modules alongside other PV module manufacturers. IS-67 achieved commercial operation in December 2018 and delivers clean electricity to Duke Energy Progress under a busbar PPA within the CPLE balancing area.

Delivering approximately ~64,000 MWh per year, enough to power ~6,400 homes, the project has generated substantial local construction employment, sustained long-term O&M roles, and contributed stable property-tax revenues that support community services. By adding fixed-price renewable capacity, IS-67 strengthens grid reliability, enhances energy affordability, and builds regional workforce skills in utility-scale solar. Each year the plant avoids ~25,600 metric tons of $CO_2$, about ~5,600 passenger vehicles off the road or ~435,000 tree seedlings grown for 10 years, saves ~19.2 million gallons of water, and displaces ~25,600 tons of coal (equivalent), improving air quality and advancing North Carolina's long-term climate goals.

## Economic Benefits

Construction created substantial employment across civil, electrical, and logistics trades, with ongoing O&M roles over the plant's life. In operation, IS-67 generates ~64 GWh per year, powering ~6,400 North Carolina homes, 10 MWh/home-year basis, and contributes predictable property-tax revenues that support schools, infrastructure, and essential public services in Pender County.

## Social Benefits

A long-term busbar PPA with Duke Energy Progress provides dependable, locally generated clean power that improves grid resilience and price stability. The project also supports workforce development through construction experience and sustained utility-scale operations, reinforcing eastern North Carolina's role in the state's clean-energy transition.

## Environmental Benefits (Estimated)

By producing ~64,000 MWh of clean electricity annually, IS-67 is expected to avoid ~25,600 metric tons of $CO_2$ each year , ≈ ~5,600 passenger vehicles removed, per EPA equivalencies , conserve ~19.2 million gallons of water annually versus thermoelectric generation, and displace ~25,600 tons of coal each year, improving regional air quality and delivering durable climate benefits for the Carolinas.

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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.