



MANUFACTURING FACILITY

Project Highlights

- **Project Name:** Manufacturing Facility
- **Project Type:** Industrial Solar | Ground Mount System
- **Project Location:** Northwest, USA
- **Project Size:** 1.26 MW DC
- **Project Commissioning Date:** March 2023
- **PV Module Supplier:** Boviet Solar
- **Project Developer / Installer:** Centrica Business Solutions
- **Project Owner:** Manufacturing facility owner

Project Overview

This 1.26 MW DC rooftop solar system was installed at a manufacturing facility in the Northwestern United States. Developed and constructed by Centrica Business Solutions, powered by Boviet Solar's high-performance PV modules, and owned by the facility's operator, the grid-tied system supplies renewable electricity directly to production operations.

The project delivers significant benefits across economic, social, and environmental dimensions. Economically, it offsets a large portion of the facility's annual electricity consumption, lowering utility expenses, stabilizing long-term energy costs, and improving competitiveness. Socially, it reflects the company's leadership in adopting renewable energy, supports local clean-energy jobs through Centrica's deployment, and demonstrates the role of manufacturers in driving sustainability across U.S. industry. Environmentally, the system generates approximately 1.64 GWh of clean electricity annually, avoiding roughly 690 metric tons of CO₂ emissions per year. This impact is equivalent to planting about 11,000 trees, saving around 28 million gallons of water, or eliminating nearly 730 short tons of coal. Over a 25+ year lifespan, the system will prevent more than 17,000 metric tons of CO₂ emissions, significantly reducing the facility's long-term carbon footprint while contributing to national clean energy and climate goals.

Economic Benefits

The manufacturing facility's solar system produces approximately 1.64 GWh annually, directly offsetting high on-site energy demand from production operations. This translates into substantial reductions in utility expenses, predictable long-term energy costs, and protection from utility rate volatility. Over its lifetime, the project strengthens financial resiliency and allows the company to reinvest savings into core business growth, innovation, and workforce development.

Social Benefits

The project reflects the manufacturer's commitment to sustainability and corporate responsibility. Developed by Centrica Business Solutions, the system supported local clean-energy jobs and showcased the value of renewable adoption in heavy industry. By integrating solar power into its operations, the facility demonstrates leadership within the U.S. manufacturing sector and provides a replicable model for other industrial companies to follow, strengthening community and industry engagement around sustainability.

Environmental Benefits (Estimated)

By generating approximately 1.64 GWh of clean electricity annually, the solar system avoids about 690 metric tons of CO₂ emissions each year. This is equivalent to planting over 11,000 trees, saving nearly 28 million gallons of water, or eliminating more than 730 short tons of coal. Over its 25+ year operational life, the system will prevent more than 17,000 metric tons of CO₂ emissions, equivalent to permanently removing roughly 3,600 gasoline-powered cars from the road. The project reduces the facility's environmental footprint, improves local air quality, and contributes to U.S. clean energy and climate goals.

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