An Inox Solar Americas Company

MOONLIGHT PACKING

Project Highlights

- Project Name: Moonlight Packing
- Project Type: Industrial Solar I Ground Mount System
- Project Location: Reedley, Fresno County, California, USA
- Project Size: 1.4 MW DC
- Project Commissioning Date: June 2019
- PV Module Supplier: Boviet Solar
- Project Developer / Installer: CalCom Energy
- Project Owner: Moonlight Packing

Moonlight Packing

Moonlight Packing is a family-owned agricultural packaging and processing company based in Reedley, Fresno County, California. Located in the heart of the Central Valley, Moonlight specializes in the handling, cooling, and distribution of fresh produce, serving growers, distributors, and consumers across California and beyond. The company operates energy-intensive facilities that power refrigeration and cold storage systems, packing lines, conveyors, and processing equipment, ensuring the delivery of high-quality agricultural products to market. With decades of industry experience, Moonlight Packing has established itself as a trusted partner in the state's agricultural supply chain.

Project Overview

The Moonlight Packing solar system is a 1.4 MW DC ground-mounted installation located in Reedley, Fresno County, California. Developed and installed by CalCom Energy, powered by Boviet Solar's high-performance PV modules, and owned by Moonlight Packing, the grid-tied system supplies renewable electricity directly to the company's agricultural packing and cold storage operations.

The project provides measurable benefits. Economically, it reduces operating expenses, stabilizes long-term electricity costs, and shields the company from utility-rate volatility across energy-intensive operations such as refrigeration, packing lines, and processing equipment. Socially, it demonstrates Moonlight Packing's leadership in sustainable agribusiness, supports local clean-energy job creation, and sets an example for other agricultural producers in California's Central Valley. Environmentally, the system generates approximately 2.1 GWh of clean electricity annually, avoiding nearly 1,500 metric tons of CO_2 emissions each year. This impact is equivalent to planting more than 24,000 trees, saving 65 million gallons of water, or eliminating nearly 1,600 short tons of coal. Over its 25+ year lifespan, the project will prevent more than 37,500 metric tons of CO_2 emissions, significantly reducing the company's carbon footprint while supporting California's climate goals.

Economic Benefits

The Moonlight Packing solar system produces approximately 2.1 GWh annually, offsetting a substantial portion of the facility's energy demand. By lowering utility expenses and providing predictable long-term energy costs, the project strengthens financial resilience and frees up resources that can be reinvested in agricultural operations. In addition, the project supported regional economic growth through CalCom Energy's contribution to local clean-energy jobs during development and construction.

Social Benefits

The project highlights Moonlight Packing's commitment to sustainability and corporate responsibility. As a visible example of renewable energy adoption in the Central Valley, the solar system supports local employment, fosters community engagement, and demonstrates how agribusinesses can play a leading role in reducing environmental impact while maintaining competitiveness.

Environmental Benefits (Estimated)

By generating approximately 2.1 GWh of clean electricity annually, the Moonlight Packing solar system avoids about 1,500 metric tons of CO_2 emissions each year. This reduction is equivalent to planting more than 24,000 trees annually, saving approximately 65 million gallons of water, or eliminating nearly 1,600

short tons of coal. Over its 25+ year operational life, the system will prevent more than 37,500 metric tons of CO_2 emissions, equivalent to permanently removing over 8,000 passenger cars from the road. The project reduces the company's environmental footprint, improves local air quality, and contributes to California's renewable energy and climate resilience objectives.

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