



SONY CORPORATION

Project Highlights

- **Project Name:** Sony solar system
- **Project Type:** Commercial solar I Carport System
- **Project Location:** San Mateo, California
- **Project Size:** 376 kW DC
- **Project Completion Date:** December 2024
- **PV Module Supplier:** Boviet Solar
- **Project Installer:** Martin Morehouse, Sun Light & Power
- **Project Owner:** Sony

Project Overview

The Sony Solar Carport Project is a 376 kW DC grid-tied installation in San Mateo, California, developed by Martin Morehouse of Sun Light & Power and powered by Boviet Solar's top-performing PV modules. The array delivers clean, renewable electricity to the campus, significantly reducing reliance on grid power while providing long-term energy savings.

Economically, the system generates ~0.63 GWh/year (~626,000 kWh), lowering operating expenses, hedging against utility-rate volatility, and strengthening budget predictability. Socially, it supports local clean-energy jobs, showcases leadership in sustainable facility management, and offers a replicable model for similar corporate sites. Environmentally, the system avoids ~247 tCO₂ annually, equivalent to removing ~54 cars from the road or planting ~4,100 trees, while saving ~82,600 gallons of water and displacing ~254 short tons of coal each year; with zero-emission operation, it improves local air quality and supports California's climate goals.

Economic Benefits

On-site PV generation offsets electricity for offices, labs/IT loads, lighting/HVAC, and EV charging. Midday output aligns with common TOU peaks, trimming demand charges and hedging against future rate volatility. Predictable, inflation-resistant energy improves budget certainty and supports long-term capital planning and sustainability targets. The project also creates local jobs across design, permitting, and construction (engineers, project managers, electricians, installers) and sustains ongoing O&M roles for monitoring, maintenance, and cleaning—supporting the regional clean-energy economy.

Social Benefits

The visible carport installation showcases Sony's corporate commitment to clean energy and climate action. Shaded parking improves comfort and safety for employees and visitors, while optional signage or dashboards can turn real-time production into an engagement and education touchpoint. Local design, construction, and ongoing O&M sustain skilled clean-energy jobs in the Bay Area.

Environmental Benefits (Estimated)

Annual production of ~0.63 GWh is expected to avoid ~247 metric tons of CO₂, equal to removing ~54 gasoline cars from the road or ~4,100 trees' annual CO₂ uptake. The system also saves ~82,600 gallons of water versus thermoelectric generation and displaces ~254 short tons of coal each year. Generating power on site reduces transmission losses and local pollutants (NO_x, SO₂, particulates), supporting cleaner air for the surrounding community.

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