



CROWLEY HOSPITAL

Project Highlights

- **Project Name:** Crowley Hospital
- **Project Type:** Commercial solar | Rooftop Solar
- **Project Location:** Lafayette, California, USA
- **Project Size:** 182 kW DC
- **Project Completion Date:** January 2025
- **PV Module Supplier:** Boviet Solar
- **Project Installer:** Energy Solutions and Supplies
- **Project Owner:** Crowley Hospital

Project Overview

The Crowley Hospital solar project is an 182 kW DC rooftop installation in Lafayette, California, developed and installed by Energy Solutions and Supplies and powered by Boviet Solar's top-performing PV modules. Fully grid-tied, the system delivers clean electricity for round-the-clock hospital operations, reducing utility purchases, hedging against rate volatility, and strengthening budget predictability across HVAC, medical/sterilization equipment, lighting, IT/network, refrigeration, and emergency services.

Economically, the system generates ~0.255 GWh (~255,000 kWh) annually, lowering operating expenses and stabilizing long-term energy costs. Socially, the project highlights sustainability leadership in healthcare and supports local clean-energy jobs. Environmentally, the project avoids about 77 metric tons of CO₂ per year—equivalent to removing roughly 17 gasoline-powered cars from the road or planting around 3,700 trees. It also saves approximately 31,000 gallons of water that would otherwise be used in fossil-fuel electricity production and displaces about 104 short tons of coal annually.

Economic Benefits

The system produces ~0.255 GWh (~255,000 kWh) annually, directly offsetting electricity use for critical hospital loads (HVAC/air handling, sterilization, labs, imaging support equipment, lighting, IT, refrigeration). This on-site generation cuts monthly utility spend, softens exposure to demand charges, and provides predictable, inflation-resistant energy pricing that supports multi-year budgeting. Construction and commissioning created local clean-energy jobs (electricians, installers, engineers, and site trades), and ongoing O&M sustains technician and monitoring roles. With modest maintenance (periodic inspections, inverter checks, and occasional module cleaning) and long product warranties, lifecycle costs remain low and predictable.

Social Benefits

The project demonstrates Crowley Hospital's commitment to patient-centered, environmentally responsible operations while supporting local workforce development. The visible adoption of solar strengthens community trust and can be featured in sustainability reporting, patient communications, and staff engagement initiatives, providing a replicable model for other healthcare facilities.

Environmental Benefits (Estimated)

By generating approximately 255,000 kWh per year, the Crowley Hospital solar system avoids about 77 metric tons of CO₂ annually—equivalent to removing roughly 17 gasoline-powered cars from the road or planting around 3,700 trees each year. The project also saves approximately 31,000 gallons of water that would otherwise be used in conventional power generation and displaces about 104 short tons of coal annually. Producing clean electricity at the point of use reduces transmission losses, lowers harmful pollutants such as NO_x, SO₂, and particulates, and improves local air quality while supporting California'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.bovetsolar.com, www.inoxclean.com, www.inoxgfl.com