



BIG BROTHERS AND BIG SISTERS

Project Highlights

- **Project Name:** Big Brothers Big Sisters Operations Center
- **Project Type:** Non-Profit Solar | Rooftop System
- **Project Location:** Santa Ana, California, USA
- **Project Size:** 206.55 kW DC
- **Project Completion Date:** May 2024
- **PV Module Supplier:** Boviet Solar
- **Project Installer:** Revel Energy
- **Project Owner:** Big Brothers Big Sisters of Orange County & Inland Empire

Big Brothers Big Sisters of Orange County & Inland Empire

Big Brothers Big Sisters of Orange County & Inland Empire (BBBSOCIE) is one of the nation's largest youth mentoring organizations, dedicated to empowering children to reach their full potential through meaningful, long-term relationships. Driven by a mission of social impact and community service, the organization continues to innovate by adopting sustainable practices that reduce operational costs and reflect its commitment to future generations. The solar installation at its Operations Center marks a major step toward environmental responsibility and financial resilience.

Project Overview

The Big Brothers Big Sisters Operations Center Solar Project is a 206.55 kW DC rooftop solar system developed and installed by Revel Energy and powered by Boviet Solar's top-performing PV modules. The grid-tied array provides renewable electricity to the organization's main administrative and program offices in Santa Ana, significantly reducing dependence on utility-supplied power.

The system generates approximately 310 MWh (310,000 kWh) of clean electricity annually, offsetting a substantial portion of the facility's energy consumption. Economically, it lowers operating expenses and stabilizes energy budgets, allowing more resources to be directed toward youth mentorship programs. Socially, it demonstrates environmental stewardship within the nonprofit community and provides an example of how mission-driven organizations can embrace clean energy. Environmentally, the system avoids around 125 metric tons of CO₂ emissions annually, equivalent to planting 5,600 trees, saving 42,000 gallons of water, or eliminating 135 short tons of coal each year.

Economic Benefits

Producing approximately 310 MWh of renewable power each year, the solar system dramatically reduces the organization's energy costs, freeing budget capacity to enhance youth programs and expand community outreach. The project also supports California's clean-energy economy through local engineering, permitting, and installation jobs. Over a 25-year operational lifespan, the system will generate over 7.7 GWh of renewable energy, providing decades of measurable financial savings and mission-aligned sustainability impact.

Social Benefits

The Big Brothers Big Sisters Solar Project reflects the organization's dual commitment to people and the planet. By integrating solar energy into its operations, BBBSOCIE showcases leadership in sustainability while reinforcing its core mission of creating brighter futures for young people. The project sets an example for nonprofits nationwide, demonstrating that renewable energy adoption not only benefits the environment but also strengthens the long-term viability of social-impact organizations.

Environmental Benefits (Estimated)

By generating roughly 310 MWh of renewable electricity annually, the system prevents about 125 metric tons of CO₂ emissions each year, equivalent to planting 5,600 trees, saving 42,000 gallons of water, or displacing 135 short tons of coal. Over its 25-year operational life, the project will prevent more than

Boviet Solar Global Marketing Department 3 3,100 metric tons of CO₂ emissions, advancing sustainability in Southern California and supporting local and state clean-energy 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