



SAN JOSE WATER BASCOM

Project Highlights

- **Project Name:** San Jose Water, Bascom
- **Project Type:** Municipal Solar I Carport System
- **Project Location:** San Jose, California, USA
- **Project Size:** 1.06 MW DC
- **Project Completion Date:** March 2025
- **PV Module Supplier:** Boviet Solar
- **Project Installer:** Centrica Business Solution
- **Project Owner:** San Jose Water

San Jose Water

San Jose Water (SJW) is one of the nation's largest investor-owned water utilities, providing safe and reliable water service to over one million residents in Santa Clara County. Founded in 1866, the company is known for its strong commitment to environmental stewardship, resource efficiency, and sustainable operations. By integrating solar energy across its facilities, San Jose Water continues to lead the water utility sector in advancing renewable energy adoption, operational resilience, and carbon-reduction initiatives.

Project Overview

The San Jose Water – Bascom Solar Project is a 1.06 MW DC carport solar installation located at SJW's Bascom operations center in San Jose, California. Developed and installed by Centrica Business Solutions and powered by Boviet Solar's top-performing PV modules, the system generates clean electricity on-site to power office, maintenance, and equipment operations. The grid-tied installation provides shaded parking for employees and visitors while reducing dependence on utility-supplied power.

The system is expected to produce approximately 1.65 GWh (1,650,000 kWh) of renewable energy annually, offsetting a major portion of the facility's energy demand. Economically, the project reduces electricity costs, stabilizes energy budgets, and supports San Jose Water's long-term sustainability strategy. Socially, it underscores the company's commitment to clean energy leadership and supports skilled local employment. Environmentally, the system avoids around 620 metric tons of CO₂ emissions annually, equivalent to planting over 14,000 trees, saving 200,000 gallons of water, or eliminating about 670 short tons of coal each year.

Economic Benefits

Generating roughly 1.65 GWh of renewable electricity per year, the Bascom solar carport offsets significant operational energy consumption, providing measurable savings on electricity costs and long-term protection against utility rate fluctuations. The project supported local engineering, construction, and electrical trades during its development and commissioning, contributing to California's clean-energy workforce. Over its 25-year operational life, the installation will deliver millions in cumulative savings, strengthening financial resilience and operational efficiency.

Social Benefits

The Bascom Solar Project reflects San Jose Water's leadership in sustainable infrastructure and innovation. Developed by Centrica Business Solutions, the system supports local employment opportunities and serves as a highly visible demonstration of clean-energy integration in critical municipal and utility infrastructure. By investing in solar carports, San Jose Water enhances employee and community engagement, reinforcing its reputation as a responsible, future-focused utility dedicated to both environmental and social progress.

Environmental Benefits (Estimated)

By generating approximately 1.65 GWh of renewable power annually, the system avoids around 620 metric tons of CO₂ emissions per year, equivalent to planting 14,000 trees, saving 200,000 gallons of water,

or eliminating 670 short tons of coal. Over its 25-year operational lifespan, the project will prevent more than 15,000 metric tons of CO₂ emissions, helping improve regional air quality and supporting California's carbon-neutrality goals.

BOVIET SOLAR

Boviet Solar Technology Co., Ltd. is a leading solar technology company founded in 2013 in Vietnam, specializing in the manufacturing of high-performance monocrystalline PV cells and premium Gamma Series™ monofacial and Vega Series™ bifacial PV modules. Our top-performing modules are engineered for a wide range of applications, including residential, commercial, industrial, community, and utility-scale solar projects.

Boviet Solar combines business acumen, financial strength, technological expertise, and manufacturing excellence to deliver reliable, high-efficiency solar solutions to industry clients worldwide. The company is deeply committed to sustainability, supply chain traceability, and compliance with international trade standards, while fostering long-term, trust-based partnerships across the global energy sector. Boviet Solar has earned industry-wide recognition for quality and reliability. The company has maintained a Tier 1 PV Module Manufacturer ranking by Bloomberg New Energy Finance (BNEF) since 2017, has been recognized as one of the Top 10 Most Bankable Global PV Module Manufacturers by Wood Mackenzie, and is ranked among the Top 10 Most Financially Reliable PV Module Manufacturers by Sinovoltaics. Boviet Solar's modules have also been consistently rated as Top Performers in Kiwa PVEL's PV Module Reliability Scorecard since 2019.

Headquartered in Vietnam, Boviet Solar operates manufacturing facilities in both Vietnam and the United States, with an annual production capacity of 3.0 GW for PV cells and modules. The company also maintains regional operations in the United States, Germany, and other key international markets. To learn more, visit www.bovietsolar.com.