



HTG and HCG SOLAR POWER PLANT

Project Highlights

- **Project Name:** HTG & HCG Solar Power Plant
- **Project Type:** Utility Scale Solar
- **Project Location:** Tây Ninh Province, Vietnam (two 50 MW sites; ~118 hectares)
- **Project Size:** 80 MW AC (2 × 40 MW) | 100 MW DC
- **Company Incorporation:** May 18, 2018 (MOIT-approved)
- **Project Operation Date:** June 2019
- **PV Module Supplier:** Bovie Solar
- **Project Developer:** Bovie Solar (in collaboration with local and regional partners)
- **Project Owner:** Hoang Thai Gia Trust Investment Management Co., Ltd.; HCG Tây Ninh Solar Power JSC.
- **Project Grid Connection:** Vietnam Electricity - EVN

Project Overview

Developed and supplied with top-performing PV modules by Boviet Solar, the HTG & HCG Photovoltaic Power Plant is a dual-site, 80 MW AC / 100 MW DC utility-scale project in Tây Ninh Province, Vietnam. Commissioned in June 2019 and interconnected to the Vietnam National Grid, the two 50 MW sites were incorporated with MOIT approval on May 18, 2018, are owned by Hoang Thai Gia Trust Investment Management Co., Ltd. and HCG Tây Ninh Solar Power JSC., and represent a total investment of approximately USD 94 million.

Economically, the plants produce ~133,000 MWh of clean electricity per year, underpinning stable long-term grid-sales revenues and generating ongoing tax contributions that support education, healthcare, and infrastructure, in addition to local construction and sustained O&M employment. Socially, the project strengthens community well-being through workforce training and local contractor participation, building pride in clean-energy leadership across Tây Ninh. Environmentally, each year the HTG & HCG Solar Power Plant generates approximately 133,000 MWh of clean electricity, avoiding roughly ~59,850 metric tons of CO₂ emissions. This is equivalent to removing ~11,970 gasoline-powered cars from the road or planting ~590,000 trees annually. By displacing fossil-fuel generation, the projects prevent the combustion of approximately ~317 million pounds of coal each year and conserve about ~931 million gallons of water, significantly reducing greenhouse gases, improving air quality, and protecting critical natural resources while supporting Vietnam's sustainable energy transition.

Economic Benefits

At full output, HTG & HCG produce ~133,000 MWh of clean electricity annually, creating a stable foundation for long-term revenues from sales into the national grid. Construction generated substantial local employment across civil works, logistics, and electrical installation, while ongoing operations sustain skilled O&M roles. The projects stimulate regional supply chains through contracting and procurement and contribute meaningful tax revenues that support education, healthcare, and infrastructure across Tây Ninh Province.

Social Benefits

The project strengthens community well-being by prioritizing local contractor participation and workforce training in solar construction and O&M, enabling high-quality jobs and skills transfer. As visible, modern renewable assets, HTG & HCG foster regional pride, demonstrate compatibility with rural land uses, and position Tây Ninh as a leader in Vietnam's energy transition while providing a replicable model for future utility-scale developments.

Environmental Benefits

Each year, the HTG & HCG Solar Power Plants deliver approximately 133 GWh of zero-emission electricity, enough to power roughly ~110,000 households in the Vietnam context—while avoiding about ~59,850 metric tons of CO₂ (equivalent to ~11,970 gasoline-powered cars removed from the road or ~590,000 trees planted annually). By displacing fossil-fuel generation, HTG & HCG prevent the combustion of approximately ~317 million pounds of coal (~ 158,500 short tons) and conserve around ~931 million gallons of water that would otherwise be consumed by carbon- and water-intensive thermal generation, improving air quality and protecting scarce natural resources.

BOVIET SOLAR

Boviet Solar 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. The company also maintains regional operations in the United States, Germany, and other key international markets. To learn more, visit www.bovietsolar.com.