



## BRITTON SOLAR POWER PLANT

### Project Highlights

- **Project Name:** Britton Solar Energy Center
- **Project Type:** Utility Scale Solar
- **Project Location:** Moriarty, Torrance County, New Mexico, USA
- **Project Size:** 50 MW AC | 65 MW DC
- **Project Completion Date:** December 2019
- **PV Module Supplier:** Boviet Solar
- **Project Developer / EPC:** Affordable Solar Group LLC
- **Project Owner:** New Mexico Renewable Development, LLC (NMRD — joint venture of PNM

## Project Overview

The Britton Solar Energy Center is a 50 MWac / ~65 MWdc utility-scale facility near Moriarty in Torrance County, New Mexico. Developed by Affordable Solar Group LLC and owned by NMRD (a PNM Resources & AEP Renewables joint venture), the project achieved commercial operation in December 2019 and delivers clean power to PNM under long-term offtake. Powered by Bovie Solar's top-performing modules, Britton provides broad community value.

Economically, an estimated \$70 million investment supported 150+ construction jobs, ongoing O&M roles, stable land leases, and a durable local tax base; socially, it strengthens workforce development and anchors Torrance County's clean-energy identity while supporting public services; environmentally, it produces ~144 GWh/year of zero-emissions electricity, enough for ~17,000 homes, avoiding ~85,000 tCO<sub>2</sub>/year (≈ 18,000+ cars removed or ~3.86 million trees planted), while displacing ~155 million lb of coal/year and conserving ~245 million gallons of water/year versus thermal generation.

## Economic Benefits

Britton Solar injected approximately \$70 million into the regional economy, supported 150+ peak construction jobs, and created long-term O&M positions. The project drives recurring lease income for participating landowners and stimulates local procurement of materials and services. Over time, the facility broadens the county tax base, supporting schools, healthcare, transportation, and public safety, while its long-term PPA with PNM underpins predictable revenue and competitively priced power for ratepayers.

## Social Benefits

The project helps cultivate a clean-energy talent pipeline by providing hands-on training and career pathways in solar construction, operations, and maintenance. Consistent tax contributions bolster essential services and infrastructure, improving quality of life across Torrance County. As a visible symbol of the state's energy transition, Britton fosters community pride, technological leadership, and a just transition that expands opportunity for residents.

## Environmental Benefits (Estimated)

Generating ~144 GWh of zero-emissions electricity annually, Britton avoids ~85,000 metric tons of CO<sub>2</sub> per year, equivalent to removing 18,000+ gasoline cars from the road or planting ~3.86 million trees each year. By displacing fossil generation, it prevents the combustion of ~155 million pounds of coal annually and saves ~245 million gallons of water compared with conventional thermal power, critical in New Mexico's arid climate, while improving local air quality and advancing the state's 100% carbon-free grid goals.

---

## BOVIET SOLAR

Bovie 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](http://www.bovietsolar.com).