NORTH PUTNAM SCHOOLS DISTRICT

Project Highlights

- Project Name: North Putnam Elementary School
- Project Type: K-12 Education Solar I Ground Mount System
- Project Location: North Putnam, Indiana, USA
- Project Size: 1.6 MW DC
- Project Commissioning Date: May 2016
- PV Module Supplier: Boviet Solar
- Project Developer/Installer: Johnson-Melloh Solutions
- Project Owner: North Putnam Community School Corporation

North Putnam Community School Corporation

The North Putnam Community School Corporation serves students across northern Putnam County, Indiana, and is recognized for its commitment to quality education, fiscal responsibility, and community innovation. By adopting renewable energy, the district has demonstrated forward-thinking leadership — using solar power to reduce operational costs, provide hands-on STEM learning opportunities, and support sustainability education across its campuses.

Project Overview

The North Putnam Elementary School Solar Project is a 1.6 MW DC ground-mounted solar array developed and installed by Johnson-Melloh Solutions featuring Boviet Solar's top-performing PV modules. Located near the elementary school campus, the system provides clean, reliable electricity directly to district facilities, offsetting a substantial portion of total energy consumption.

The solar installation produces approximately 2.4 GWh (2,400,000 kWh) of renewable electricity annually, meeting a significant share of the school district's power demand. Economically, it reduces long-term energy expenses and stabilizes budgets. Socially, it supports STEM education and community sustainability engagement. Environmentally, the project prevents roughly 950 metric tons of CO_2 emissions annually, equivalent to planting 43,000 trees, saving 330,000 gallons of water, or eliminating 1,030 short tons of coal each year.

Economic Benefits

Generating approximately 2.4 GWh of clean energy per year, the solar array provides major cost savings and energy-price predictability for the school district. The project supports budget efficiency by redirecting electricity savings into educational programs and facility improvements. Developed by Johnson-Melloh Solutions, the project also created local construction and electrical jobs, supporting Indiana's clean-energy workforce and providing long-term value to the district through sustained operational savings.

Social Benefits

The North Putnam Elementary Solar Project demonstrates the district's leadership in educational sustainability and innovation. The installation offers students real-world exposure to renewable energy technologies, integrating solar data into science and technology curricula. It also promotes community pride and serves as a model for other Indiana school districts seeking to reduce costs and environmental impact while enriching the educational experience.

Environmental Benefits (Estimated)

By generating around 2.4 GWh of renewable electricity each year, the system avoids approximately 950 metric tons of CO_2 emissions annually, equivalent to planting 43,000 trees, saving 330,000 gallons of water, or displacing 1,030 short tons of coal. Over its 25-year operational lifespan, the system will prevent more than 23,000 metric tons of CO_2 emissions, contributing to cleaner air and a healthier environment for students and the community.

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.