



WEST ISLIP PUBLIC SCHOOLS

West Islip, NY

By implementing PV arrays with NORESKO, West Islip Public Schools maximized both on-site renewable energy generation and funding from New York State's Building Aid while bringing work to the local community.

Leaders of West Islip Public Schools identified the need to modernize energy infrastructure through the installation of solar photovoltaic (PV) arrays. They also recognized the availability of significant New York State Building Aid to fund the project and resolved to ensure the project qualified.

School leaders found a way to accomplish their goals through an energy performance contract (EPC) with NORESKO. Seven schools now benefit from on-site renewable energy generation: Bayview Elementary School, Manetuck Elementary School, Oquenock Elementary School, Paul J. Bellew Elementary School, Beach Street Middle School, Udall Road Middle School, and West Islip High School.

By working with NORESKO and its local subcontractors to install solar capacity totaling 3 MW DC, school leaders were able to offset more than 85% of their electrical usage for the seven schools while funding more than 70% of the project through New York State Building Aid.

During project planning, NORESKO engineers identified a discrepancy in the utility tariff which, when addressed, allowed the PV arrays to be resized for higher capacity. This finding highlights NORESKO's attention to engineering details and our exceptional dedication to our customers' objectives.

NORESKO also helped stimulate West Islip's economy by using local subcontractors, providing work to community members during the COVID-19 pandemic.

Project Cost: \$8.97 Million

Annual Cost Savings: \$497,811

Contract Term: 18 Years

Contract Type: EPC

Technical Highlights:

- Solar photovoltaic (PV) systems
- 3,801,761 kWh annual electricity production across seven buildings

Environmental Impact:

- Offset annual energy use by 85%
- Reduce annual emissions of carbon dioxide equivalents by more than 2,300 metric tons per year

"NORESKO provided excellent communication and coordination with West Islip School District during the implementation of solar in seven buildings, ensuring smooth installation with minimal disruption to our students and teachers."

James Bosse, Facilities Director
West Islip Public School District

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