

Clean, Efficient, Renewable Energy



Anticipated carbon footprint reduction of 30%, or 254 tons.
254 tons of CO² emissions is equivalent to:



Driving all
the roads in
Westchester:
165x
(564,656 Miles)

or



35
average
homes'
electric
use for
1 year

Pocantico Hills Energy Performance Contract

Your positive vote would increase
state aid for the project by 10%.

Pocantico Energy Performance Contract

The Pocantico Hills School District is embarking on energy conservation improvements that will dramatically increase efficiency and save money. The district's energy savings performance contract with Day Automation Systems Inc. calls for:

- Installing 500 kW array of solar energy panels on the roof.
- Upgrading indoor and outdoor lighting to LED – light emitting diode – bulbs.
- Reducing infiltration into the building through air sealing and insulation of exhaust fans, attic, roof and walls, as well as door weather-stripping.
- Upgrading the building's computer-based control system for more effective control of temperature and energy usage. The integrated lighting system includes occupancy sensors, daylight harvesting and dimming control.

The district will use reserve funds to pay for the projected \$2.7 million initiative. The work will be fully funded over the 18-year contract period by savings in energy and associated costs. The estimated net savings from energy utility reduction is \$3.4 million over 18 years, or 56%.

The initiative is not subject to voter approval, but a positive vote from the community would increase state aid for the project by 10%. The district will also qualify for an estimated \$100,000 in incentives from local utility companies.

The target date for starting the work is in October.

We're asking for the public to review this important information regarding the state's contribution toward the funding of the district's Energy Performance Contract, in advance of casting your vote on June 9.

A "yes" vote will require less in local taxes to pay for the costs of the contract.

A "no" vote will result in the district's taxpayers having to spend more."

— Superintendent Richard Calkins

Benefits of the Energy Performance Contract:



Carbon Footprint Reduction: Potential for 30% reduction, or 254 tons of CO₂ emissions. That's the equivalent of what it takes to provide electricity to 35 homes in a year.



Renewable Energy: The 500 kW solar energy panel array will run 100% of the district's energy needs when it is at capacity. The goal is to sell back to the grid during the summers.



LED Lighting: LED lighting products produce light about 90% more efficiently than incandescent light bulbs. Better lighting benefits student instruction.



Greater Energy Efficiency: Greater efficiency in energy usage and temperature control by upgrading the building control management system, and reducing infiltration into the building with insulation and other measures.



Project Pays for Itself: The energy performance contract is self-funding over 18 years.



Savings Guarantee: Day Automation Systems will guarantee an annual savings of \$161,792 for the district and make up the difference in the event of a shortfall.



Additional State Funding: The project leverages our community's tax dollars to improve the campus and students' future by gaining 10% in state funding with a positive vote.



Education and Enrichment: Day Automation Systems will provide educational and enrichment opportunities for students and teachers. Students will help monitor the electrical grid.