

Island Trees to Install Energy-Efficient Measures

The measures are expected to save the district millions of dollars over the next eighteen years

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The Island Trees school district recently announced a contract agreement with Johnson Controls, Inc. of Syosset, NY on a \$5,046,697 energy efficiency project.

The district plans to reduce energy use by 45 percent as part of the project, with potential savings projected to be more than \$6,513,710 over the next 18 years. In addition, the project is projected to generate \$1,259,882 in positive cash flow. Money saved on energy costs will help pay for new equipment and installation.

“The district is excited to get this project started,” said Island Trees superintendent Charles Murphy. “We have been working on it for two years and look forward to the upgrades to our facilities.”

The district’s carbon footprint will be reduced each year by eliminating over 2.9 million pounds of carbon dioxide (the equivalent of planting 400 trees). Among the stipulations of the multi-year contract calls for Johnson Controls, Inc. to provide upgrades to the district’s energy management and lighting systems. Some of the other upgrades include the insulation of steam pipes and valves, the replacement of ceilings and the installation of hot water conserving faucets and photovoltaic solar panels.

ECG Engineering, LLC., the district’s energy consultant and engineer-of-record for the project, identified the district’s potential for an Energy Performance Contract back in June 2009. ECG then oversaw the Request for Proposals (RFP) process for the District, and evaluated the RFP responses from technical and financial perspectives to ensure the district was receiving the greatest value for its energy savings. ECG then designed the project, and will now oversee construction and verify actual energy savings for three years after construction.

The project will be managed by Johnson Controls, Inc., but much of the work will be performed by local subcontractors. Construction is projected to begin later this month.