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LIPA's Efficiency Long Island Program Helps Sachem Central School District Go Green and Save Money

District to save \$491,000 annually in electric costs

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Uniondale, NY - The Long Island Power Authority (LIPA), in its continuing effort to help Long Island schools become more energy efficient, has partnered with the Sachem Central School district to identify and achieve significant energy efficient upgrades to 20 buildings, which will help the district significantly lower operating costs and save approximately \$491,000 annually.

The energy efficient upgrades and rebates were made possible through LIPA's Efficiency Long Island Program (ELI)

"I commend the Sachem Central School District for taking a major step towards energy efficiency and independence and reducing peak demand," said LIPA Chief Operating Officer Michael D. Hervey. "I hope this project will not only serve as a model for other schools throughout the state but also as a unique learning tool for all students who will benefit from cleaner and greener classrooms.

Sachem upgraded the lighting systems and installed occupancy-sensors in classrooms and throughout the district's buildings, replacing over 10,000 fixtures with energy-efficient high performance equipment and retrofitting approximately 17,000 fixtures. Through these improvements, it is estimated that Sachem will save up to 2,730,000 kilowatt hours (kWh) per year and reduce its peak electric demand by an estimated 834 kilowatts (kW). Through its participation in Efficiency Long Island, Sachem was able to offset the cost with a \$425,000 LIPA rebate.

"These substantial energy efficient upgrades are part of the Sachem School District's ongoing efforts to conserve energy, reduce operational costs, and educate our students about the importance of protecting the environment. We thank LIPA for their technical and financial support through their efficiency programs and look forward to working with them again to make Sachem one of the most environmental-friendly schools in the state," said Sachem Schools Superintendent James Nolan.

"Johnson Controls Inc. (JCI) has retrofitted/upgraded the lighting in the entire Sachem School District which is by far the largest lighting retrofit project in Long Island," said Energy Solutions Performance Engineer for Johnson Controls Naimath Mohammed. "JCI took advantage of LIPA's Commercial Efficiency program (under the auspice of 'ELI') to maximize the rebate amount. It has been a great pleasure to work with the entire LIPA team. LIPA has been very responsive and showed a high level of customer satisfaction by expediting the rebate process."

The energy efficiency measures taken by the Sachem School District under this initiative will have the equivalent effect of reducing 259 cars from the road for one year or 160,754 gallons of gas not consumed for a year.

Efficiency Long Island is, a 10-year, \$924 million customer-funded energy efficiency program launched in 2009, which offers a wide array of incentives, rebates and initiatives to LIPA's residential and commercial customers to assist them in reducing their energy usage and thereby lowering their bills. LIPA's Efficiency Long Island program goal is to reduce LIPA's peak electric demand by 500 megawatts (MW) by 2018. Such reduction will result in the deferral or elimination of the equivalent of one large or two, medium-sized power plants from LIPA's capacity expansion plan and the avoidance of high-cost, on-peak energy production equivalent to saving 2.2 million barrels of oil.

To learn more about of Efficiency Long Island, visit the website at <http://www.lipower.org/eli/>



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