

## Public School District Lighting Energy Savings

### Belmar School District

1101 Main St  
Belmar, NJ



#### Project Description

GreenLight worked with the Belmar School District to enable them to reach their sustainability goals and improve their financial position. The Belmar School District operates in a historic building constructed in 1909. There are more than 500 students and 60 full-time staff that depend on a properly operating facility to achieve their educational goals.

GreenLight replaced the existing T12 fluorescent fixtures in the classrooms, hallways, and offices with advanced LED lighting. The new lamps used significantly less electricity and helped improve the quality of the work environment with bright and attractive lighting.

GreenLight secured 100% financing for the project from the NJ Smart Start Program and the resultant energy savings enabled the Belmar Elementary School to be the oldest building in the state of New Jersey to receive Energy Star status 2013.



#### Results

Annual Utility Bill Savings	<b>\$8,000</b>
Annual Energy Savings [kWh]	<b>40,245</b>
Annual CO2 Emissions Removed [lbs]	<b>62,600</b>
Annual CO2 Emissions Removed in Terms of Equivalent Trees Planted	<b>728</b>
Annual CO2 Emissions Removed in Terms of Cars Removed from the Road	<b>5.9</b>
Annual CO2 Emissions Removed in Terms of Homes Removed from the Grid	<b>4</b>

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*"Everything went smoothly, efficiently, and professionally, from the beginning of the project to the end. With the help of GreenLight, we have been able to continue our downward slope in energy usage while integrating more and more technology to meet the needs of 21st century students in an early 20th century building.*

**– Adam Nasr,  
Facility Manager**

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