



## CASE STUDY

### Winslow Township School District Winslow, New Jersey

The Winslow (NJ) Township School District contracted with GreenTech Energy Services to design and implement the following energy-savings solutions in all six elementary schools, the middle school, and high school:

- Outdated metal halide fixtures in all gymnasiums and multi-purpose rooms were replaced with state-of-the-art T5 lighting. The new fixtures provide instant on and off, which eliminates warm-up time. They have also improved the overall aesthetics of the rooms and reduced energy consumption by 50%.
- Occupancy sensor controls were installed in all classrooms, which reduce energy consumption by automatically shutting off the lights when the classrooms are unoccupied.

***“Our main goal going into this project was to give the students adequate lighting while cutting energy costs and consumption, which would allow us to direct our budgetary funds towards the educational process. In other words, we wanted the money to go to the kids, not the electric company. We can already see very positive results aesthetically - we are getting two times as much lighting for over 50% less energy.”***

**Bob Austin, Director of Facilities and Operations, CEFM, Winslow Township Public Schools**

### THE SAVINGS

Total Program Costs - \$344,546  
Total Utility Rebate - \$31,345  
Total Payback Period - 4.7  
KW Saved - 55  
Total Energy & Operational Savings - \$67,263

### ENVIRONMENTAL IMPACT

Reduction in Carbon Dioxide (pounds) - 536,095  
Reduction in Sulfur Dioxide (grams) - 2,001,423  
Reduction in Nitrogen Oxide (grams) - 893,492

