



Energy Efficiency Project



Project Facts

- Energy Savings \$55,477
- kWh reduction 273,700
- Energy Reduction 40%
- Project Payback 17 months

Environmental Facts

Equivalent to: (annually)

- 367,032 lbs. less CO2 emissions
- 18,064 Gallons of oil not burned
- 32 cars taken off the road
- 551 new trees planted

Project Specifics and Results

School wide lighting upgrade consisting of retrofits, fixtures replacements and lighting redesign in several areas.

The corridor redesign on this sheet replaced 4 lamp T12 surface wraps with new state of the art super T8, 2 lamp recessed volumetric fixtures. The new fixtures provide far better light levels and illuminate the walls, floor and ceiling much more evenly than the original lighting ever could. Energy savings in the corridors throughout the school were over 70%. The lamp life of the new fixtures is over double that of the existing system which make the associated maintenance cost of the new lighting system much lower.

About Energy helped the school secure over \$43,000 in state incentives for this project through the New York State Energy Research and Development Authority.



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