



American Community Mutual Insurance Co.



Over a Ten Year Period, the American Community Mutual Insurance Co. location will save over \$190,800.00 That's Not Bad, for an Energy Bill.

CASE STUDY

DETAILED

American Community Mutual Insurance Co.

Total Number of Retrofits.....837

Annual Energy Cost Savings Due to Reduced Lamp Wattage.....\$19,080.00

Monthly Energy Cost Savings Total.....\$1,590.00

Return on Investment.....20.6 months

Projected 10 Year Energy Cost Savings.....\$190,800.00

This project was calculated on simple payback watt reduction only. Additional savings were realized in reduction of Demand Charges, Air Conditioning, Lamp Replacement and Maintenance Costs. These items represent approximately another 30% additional savings. Therefore, the payback was closer to 14 months.

Cleaning the Environment... Energy-Effective Lighting and Pollution Prevention

The American Community Mutual Insurance Co.'s energy-effective lighting retrofit means that they will remove 12.24 cars permanently from the road / plant 25.2 acres of trees.

It will also remove:
183,601 pounds of CO₂ prevented per year
24,480 ounces of SO₂ prevented per year
11,016 ounces of NO_x prevented per year