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CASE STUDY: PARKWAY CORPORATION, Philadelphia, Pennsylvania

Parkway Corporation, a privately owned company that owns, manages, and leases commercial parking facilities, has over 100 locations totaling 30,000 parking spaces. The company hired GreenTech Energy Services to upgrade the lighting at its 175,000 square foot garage at 12th and Walnut Streets in Philadelphia. Inside the garage, 100 watt metal halide fixtures were replaced with two-lamp 32-watt vaportight T8 fluorescents, with high power ballasts. Incandenscent lights in the exit signs were placed with LED lights. In the offices, trash rooms, security management, corridors and other operations areas, T12 fluorescents were replaced with T8's, and both wall switch and ceiling sensors were installed. Outdoors, 175-watt high-pressure sodium lights were replaced with 87-watt LED cobra heads. The new lights not only cut energy consumption but also improved the safety and security of the garage.



BEFORE

SAVINGS

Program Cost.....	\$83,923
Payback Period.....	1.7
KW Saved.....	25
KWH Saved.....	228,173
Energy Savings.....	\$26,240
Utility Rebate.....	\$9,513
EPACT tax savings.....	\$20,981
Operation Savings.....	\$4,300
Total Savings.....	\$30,540



AFTER

ENVIRONMENTAL IMPACT

Reduction in Carbon Dioxide (pounds)....	342,259
Reduction in Sulfur Dioxide (grams).....	1,277,767
Reduction in Nitrogen Oxide (grams).....	570,431

"We're very pleased with the way the new lighting looks as well as the way in which the project was accomplished. The electricians' work was seamless." - Bob Hicks, Parkway Corporation Assistant Vice President

