

# Greener Parking



## Allentown Parking Authority Saves Big with Lighting Retrofit

Green Tech Energy Services, working in conjunction with its client Allentown Parking Authority, completed a retrofit of the Government Deck and Transportation Center multi-level parking garages. The retrofit used a variety of MaxLite LED canopy, wall-pack and area-lighting luminaires.

### Save Energy, Maintain Costs

The Parking Authority was looking for fixtures that improved light quality and saved energy in the two garages, constructed in 2007.

"Our goal was to reduce our energy consumption and control our mainte-

nance costs," said Wayne Shupp, facility supervisor of the Allentown Parking Authority. The project included lighting driving lanes, stairwells, rooftop parking and garage exteriors.

### Energy & Cost Savings:

**PROGRAM COST:**  
\$353,792

**UTILITY REBATE**  
\$57,952

**KWH SAVED**  
664,651

**ENERGY COST SAVINGS**  
\$66,324

**OPERATIONAL SAVINGS**  
\$14,152

**TOTAL SAVINGS PER YEAR**  
\$80,475

### LED Lighting Replaces Halide

Lighting upgrades were made to the interiors and exteriors of the government deck site and the transportation center.

In total, the team replaced over 500 metal halide fixtures with more efficient LED lighting, saving both energy and money.

### Energy and Operational Savings

MaxLite fixtures provide the parking facility with a significant annual energy savings of \$66,324 and an annual operational savings of \$14,152. In addition, the new fixtures improved the appearance of the entire facility. ■

*"Only two months after the project, we're already seeing the results we hoped for. Aesthetically, the whole building looks new."*



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