

Palisades Audi Repair Center

Nyack, NY

BACKGROUND

As a participant in the NYSERDA Business Partners Commercial Lighting Program (CLP), Positive Energy Solutions, LLC, assists businesses with the purchase and installation of energy-efficient products and services that exceed top national standards. After seeing improved energy performance and savings at its other area automotive dealerships, The Premier Collection contracted with Positive Energy Solutions to implement lighting upgrades at the Palisades Audi Repair Center. The goal: to raise light levels in repair areas while saving energy and money.

CHALLENGES

Positive Energy Solutions identified several lighting challenges in the repair facility:

- Inadequate light levels.
- Lack of light uniformity.
- High energy use.
- Inadequate lamp color rendering.

PROJECT RECOMMENDATIONS

To provide higher, more even illumination across the repair facility and in support areas, Positive Energy Solutions recommended that the repair center remove all of the existing metal halide high bays and design a new layout. To improve energy efficiency throughout the facility, the contractor installed:

- Task lighting at the head of each bay.
- 6-lamp T8 fluorescent high bay luminaires throughout the facility.
- 4-lamp HPT8 high bay luminaires at the head of each bay.
- Automatic shut-off occupancy sensors in support areas.

“The Commercial Lighting Program was essential and I’m grateful I had that resource to offer. Without the guidance and technical training provided by the CLP, I’d fall back on the ‘default’ solution—a one-for-one replacement of new lights in the same spots as the old lights. Customers end up with more efficient fixtures but equally bad lighting.”

– Robert Lehmert,
Positive Energy
Solutions, LLC

RESULTS & BENEFITS

The Premier Collection at Palisades Audi gained an annual energy savings of \$1,285.57. After the lighting upgrade, energy use was reduced by 20 percent, and the repair facility and support areas saved 7,698 kWh compared to the baseline. The new lighting system provides even illumination across the space, enhancing energy efficiency and working conditions for repair technicians.

“Our customers trust Palisades Audi to deliver the highest-quality automobiles and service. Our vision for customer experience definitely includes high-quality lighting in all service areas. That tells our customers that we care a lot about quality and safety. The new lighting system delivered that—and it saves us money every month.”

– Tom Kriz, Director of Facilities at
The Premier Collection

