

CASE STUDY

Leading Dealer Group Transforms Operations with Energy Efficiency for Cost Savings, Sustainability, and an Enhanced Customer Experience



Overview

A leading national dealer group operating an expansive auto mall was seeking to upgrade lighting and HVAC across 10 dealerships and service locations.

An comprehensive audit of the properties was conducted which uncovered several opportunities for savings and technology upgrades.

- **Maintenance and repairs** were made to existing units that did not meet replacement thresholds.
- **A phased approach** was adopted to tackle all of the upgrades with minimal business disruptions.
- **An ongoing maintenance and repair strategy** was implemented giving the dealer group peace of mind that their investment was protected.

This strategy allowed the dealer group to improve energy efficiency and make progress toward corporate sustainability goals while maintaining focus on their core business operations.

The upgrades also provide increased safety and comfort, and allow customers to better view their expansive inventory—both indoors and out.

AT-A-GLANCE

Number of Locations: 10

Technologies Installed:

- 96 HVAC Replacements
- 2,451 Interior LED Lights
- 452 Exterior LED Lights

Active monitoring sensors were also integrated within the HVAC units to decrease energy consumption.

Operational Cost Reduction:

Enhanced energy efficiency and reduced operations costs by 18% annually

Electricity & Gas Usage Reduction:

25.3% reduction in aggregate electricity and natural gas usage in 2022

Carbon Emissions Reduction: 568 metric tons or the equivalent of GHG emissions

Expected Annual Savings: \$31,661.97

Program Length: 7 years