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AN EXELON COMPANY

Solutions and Incentives for
Automotive

Energy Efficiency for the Automotive Industry

Auto dealers and repair shops are boosting profits by lowering energy costs. Across Greater Philadelphia, franchisees, independent auto dealers and repair shops are taking advantage of PECO energy efficiency solutions.

Incentives include rebates to upgrade display rooms and service areas with LED lighting fixtures, advanced lighting controls and high-efficiency heating, ventilation and air conditioning (HVAC) systems. Improvements to lift motors, spray booths and compressed air systems may also be eligible for fixed or custom rebates.

Businesses that use their own maintenance staff to replace lighting equipment are encouraged to contact a distributor who offers PECO Instant Lighting Discounts[1] on energy-efficient interior and exterior lighting. Save instantly at checkout on approved products.

Reduce Overhead to Drive Profits

Think of energy efficiency improvements like a boost in sales. For an average dealership, replacing seventy-one 250-watt fixtures with LED lighting would generate savings equivalent to the profit margin from selling a $30,000 car—every year![2] That is not including the incentives received for the upgrade.

Auto dealerships use more energy, per square foot, than an average office building.[3] Due to heavily lit showrooms and parking lots, energy costs are major contributors to overhead expenses.

In addition to lowering costs, lighting upgrades can improve showroom appeal. Whether indoors or on the lot, LED fixtures create more prominent displays—with improved vehicle color accuracy and less glare.

Adequately lit lots bring the added benefit of improved safety and security for customers and employees. HVAC upgrades can improve building comfort, indoor temperature control and overall air quality.

Investing in energy efficiency can also help franchises and facility owners find cost-effective approaches to achieve corporate environmental goals. PECO offers rebates for installing interior and exterior LED fixtures, new air conditioners and heat pumps, high-efficiency air ventilation systems and many other facility-improvement solutions.

[1] solutions.peco-energy.com/instant-incentives
[2] Average energy savings is based on a blended rate of $0.11 kWh.
[3] energystar.gov/sites/default/files/buildings/tools/A_Dealer_Guide_to_ENERGY_STAR.pdf

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Saving Energy at Auto Repair Shops

A peek under the hood of most automotive repair shops will likewise reveal significant energy-saving opportunities.

Activities such as vehicle washing, spray painting and detailing can consume significant amounts of electricity. Shops using pneumatic or compressed air systems also require substantial energy supply.

When a small business invests in energy efficiency, an increase in revenue comes right along with it. The effort is minimal compared to the time and resources that would go into trying to increase sales to achieve those same gains.

In addition to saving energy, many service equipment upgrades also reduce maintenance costs, as new equipment lasts longer and requires fewer replacement parts.

For example, paint booth temperature controls minimize unnecessary heat production, reducing energy consumption by 40%.

Upgrades to auto lifts, through more efficient motors or compressed air systems, are also eligible for rebates. PECO incentivizes the early replacement of 1.5- to 10-horsepower (HP) electric motors with rebates of $150 per motor. Greater incentives are available for replacing larger motors.

Compressed air system upgrades eligible for incentives include $50 for no-loss condensate drains, as well as incentives ranging from $2,200 to $6,200 for variable speed compressors based on HP.

PECO representatives are available to help identify appropriate energy-saving measures and to explain the rebate application process.

▶ Auto dealers and repair shops interested in maximizing the energy efficiency potential of their facilities should contact PECO at **1-844-4BIZ-SAVE** (1-844-424-9728) or visit **peco.com/auto**.

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