

Technology Profile

HVAC Equipment

Heating, ventilation and air conditioning (HVAC) systems are among the most energy-intensive devices in a business. Both upgrades and whole system replacements improve comfort and reduce costs. PECO Ways to Save offers incentives for commercial customers to upgrade their HVAC, which can enhance building operations and performance.

Manage Costs and Improve Performance

Heating and cooling costs are the largest energy expense for businesses. By properly maintaining equipment or upgrading to higher-efficiency HVAC systems, you can improve your building's energy performance, lower operating costs and boost your bottom line.

For an existing system, preventive maintenance and tune-ups can extend the life of your equipment, improve efficiency of the system and reduce costs.

If your HVAC system is more than 10 years old or is reaching the end of its useful life, consider upgrading to a newer, more energy-efficient model.

For the average commercial customer, the amount of wasted energy and expenses from HVAC can be up to 20%¹ and 15% from space cooling alone².

HVAC upgrades can help you save 20%³ and an Energy Management System (EMS) can result in savings of 15% on your heating and cooling costs⁴.

HVAC Upgrades That Are Simple and Affordable

PECO incentives make it easier and more affordable for customers to install higher efficiency HVAC equipment. Here are six great reasons to get started today⁵:

- 1. Return on investment.** Although high-efficiency equipment may be more expensive, the energy savings pay you back (and then some!) over the lifetime of the new equipment.
- 2. Comfort.** Energy-efficient systems have better climate control, ensuring a consistent and comfortable temperature throughout interior spaces.
- 3. Indoor Air Quality.** Leading-edge filtration technology minimizes or eliminates the growth and distribution of airborne contaminants like dust, pollen and mold.
- 4. Reduced maintenance.** High-efficiency units last longer and don't need to be replaced as often.
- 5. Quieter operation.** Blowers run longer on lower speeds, reducing the "wind" effect and generating less noise.
- 6. Sustainability.** High-efficiency units can reduce your carbon footprint and help you meet your business's environmental and sustainability goals.



PECO Ways to Save has incentives for high-efficiency HVAC equipment and components:

- Air Cooled Air Conditioners
- Heat Pumps (Air and Water Cooled)
- Ductless Mini-Split Heat Pumps
- Packaged Terminal Systems (PTAC and PTHP)
- Economizers
- Chillers (Air and Water Cooled)
- High-Efficiency Motors and Variable Frequency Drives
- ECM Circulator Fans

Save More with Controls

Technological advancements in air-intake, temperature and occupancy controls give you greater command over your HVAC system⁶:

- Demand-controlled ventilation regulates outdoor air intake depending on the number of occupants in a room – your system will work to capacity only when needed
- Advanced thermostats wirelessly set a heating and cooling schedule to an occupancy-based control schedule and can be retrofitted to existing systems
- Variable Speed Drives (VSDs) allow your HVAC system to precisely respond to real-time ventilation needs and reduce energy use, while also reducing wear and tear on HVAC equipment, vacuum pumps and large fans

Implement an EMS and apply several controls that work in tandem to optimize your system's performance and deliver added savings on operating expenses.

Incentives for HVAC Equipment

- Instant Discounts: Save instantly on qualifying HVAC equipment from participating distributors. peco.com/InstantDiscounts
- Prescriptive: Submit an application to qualify for higher incentive levels on a wide range of HVAC equipment. peco.com/business
- Small Business Solutions: Take advantage of incentives for qualifying Small Business customers through PECO Small Business Solutions. peco.com/SmallBusiness

Unlock Greater Savings with HVAC Improvements

Office buildings, grocery stores, healthcare facilities and schools can enhance building performance and achieve higher savings with tiered energy efficiency upgrades:



Savings Starter: Add web-enabled thermostats to existing HVAC systems to schedule and control temperature based on occupancy.



Savings Leader: Manage fluctuations in energy demand by using VSDs on HVAC air handlers and pumps to maintain comfortable heating and cooling levels around your building.



Savings Champion: Upgrade your chillers and rooftop units to deliver the maximum value to your bottom line. Improve indoor air quality, control temperatures and humidity, minimize noise, save space and simplify HVAC repairs.

▶ Contact Us Today! To learn more call us at **1-844-4BIZ-SAVE** (1-844-424-9728) or visit peco.com/business.

¹<https://www.energystar.gov/buildings/about-us>

²https://www.energystar.gov/products/light_comm_heating_cooling

³https://www.energystar.gov/campaign/heating_cooling/replace

⁴<https://www.sciencedirect.com/science/article/abs/âpii/S1364032115013349>

⁵https://www.bgesmartenergy.com/sites/default/files/public/BGE_CI_ID_HVAC_FactSheet.pdf

⁶<https://www.comed.com/WaysToSave/ForYourBusiness/Pages/FactSheets/HVACSolutions.aspx>

