PECO Smart Ideas for Your Business
Agenda

PA Act 129 Phase III Overview

PECO Smart Ideas for Your Business
  • Commercial & Industrial Solutions

PECO Smart Ideas Trade Allies
PA Act 129, Phase III
PA Act 129

- Solutions designed to achieve energy efficiency
- Help customers adopt energy efficient solutions
- Embed energy efficiency into mindset of industry
- Decrease customers’ overhead costs
- Divided into three phases
  - Phase I: June 1, 2009 - May 31, 2013
  - Phase II June 1, 2013 - May 31, 2016
  - Phase III: June 1, 2016 - May 31, 2021
Benefits of Energy Efficiency

• Reduce facility’s operating costs

• Eliminate energy waste
  • Almost 30% of energy consumed by buildings is used inefficiently or unnecessarily

• Create a comfortable and safe environment for employees, customers, and guests

• Demonstrate environmental stewardship by reducing energy use and greenhouse gas emissions
PECO Smart Ideas for Your Business
PECO Smart Ideas Overview

• A suite of nine residential and seven business programs offering solutions for energy efficiency

• Customer-centric portfolio of energy solutions
  • Solutions cross every sector from commercial and industrial from nonprofits and government to retail and real estate
  • Includes whole building systems and new construction
  • Incentives designed to influence customer decisions
  • Offset the incremental capital cost of selecting more energy efficient solutions

• Motivate customers to choose higher efficiency products, equipment and processes
PECO Smart Ideas Accomplishments

Since June 2009, more than:

- $500 million saved by customers through PECO Smart Ideas
- 2.2 billion kilowatt hours of electricity saved through energy efficiency actions
- 8,000 incentives earned by non-residential (business) customers
- 58,000 rebates provided to customers for recycling older, working appliances

Environmental benefits savings equal to:

- Reducing vehicle emissions produced by more than 267,000 passenger vehicles
- Planting more than 2.3 million trees
- Eliminating 2.4 billion miles driven

PECO named ENERGY STAR® Partner of the Year four times
PECO Smart Ideas for Your Business Solutions

PECO Smart Ideas offers incentives whether you’re looking to reduce operating costs, construct a new facility or planning a major renovation.

- **Commercial and Industrial Solutions**
  - Data centers, small and large commercial and industrial businesses, municipalities, schools, assisted living facilities, and more!

- **Multifamily Solutions**
  - Condo and apartment buildings with three or more units
  - Master metered and residential metered properties

- **Small Business Solutions**
  - Restaurants, bars, convenience and grocery stores, drug and liquor stores, etc.
Commercial and Industrial Solutions
Commercial and Industrial Solutions Overview

- Incentives for energy efficient heating and cooling systems, refrigeration equipment, lighting, variable frequency drives, and custom measures
- All non-residential customers are eligible for all incentives
- Project must provide a reduction in annual kWh usage
Energy Distribution in Wastewater Treatment

- Aeration: 60%
- Clarifiers: 11%
- Grit: 5%
- Screens: 12%
- Pumping: 3%
- Lighting and Buildings: 2%
- Chlorination: 1%
- Bell press: 1%
- Anaerobic Digesters: 1%
- Gravity thickeners: 3%

smart ideas®
Prescriptive Measures

Fixed incentive per unit

- HVAC equipment/sensors and controls
- Unitary chillers
- ENERGY STAR refrigeration and cooking equipment
- Food service
- Motors and VFD drives
- Heat pump water heaters
- Compressed air storage tanks
- Data center CRAC & CRAH units
- Lighting and controls
  - Interior/exterior and traffic signals
  - Per lamp/fixture or sign
- New construction interior lighting
- Whole building systems
Prescriptive Motors and VSDs

Early Replacement Motors (<15 year) w/Premium Efficiency Motors

VFD/VSD on:

- HVAC Fans
- Chilled and Heating Hot Water Pumps
- Kitchen Exhaust Hoods
- Process Motors <50 hp
- Dust Collection System Motor
Custom Measures

Non-prescriptive measures that require demonstration of energy savings, such as:

- Non-unitary chillers
- Free cooling
- PC power management, smart plugs, plug load management
- Building envelope - white/green roof, windows, air sealing, weather-stripping
- Process cooling - mushroom farming, manufacturing
- Process upgrades - HEPA filtration, aeration, new equipment
- Compressed Air supply measures
- ENERGY STAR office equipment

Incentives paid per annual kWh saved in the first year of operation

- Eligibility determined on a case-by-case basis
- Provide the methods used to determine estimate
- Pre and post metering may be required
- Submit a savings estimate and program staff will evaluate to determine final kWh savings
Custom Measures – Water Treatment

- Variable Speed Drives; Pumping, Aeration
- Premium High Efficiency Pumps/Blower Motors
- Process Modifications and Control Systems
- Fine Bubble Diffusors
- Air Compressor with VFDs
- High Efficiency HVAC and Controls
- High Efficiency Lighting and Controls
Start Saving Today

Call the PECO Smart Ideas team at 1-844-4BIZ-SAVE (1-844-424-9728) or, email pecosmartideas@dnvgl.com.

We’ll help you:

1. Evaluate your energy efficiency opportunities
2. Choose qualifying equipment and measures
3. Apply for your incentives
4. Enjoy all the benefits of energy efficiency!
PECO Smart Ideas Trade Allies
Trade Ally Program Overview

• Leverage PECO Smart Ideas to grow business
• Exclusive access to training and education
• Listing on the PECO website and through the Call Center
• Access to marketing materials, special promotions and offers
• Newsletters and alerts
• Trade Ally networking and events
• Assigned outreach personnel
Trade Allies

Industry Service Providers:

- HVAC
- **Motors/Pumps/Drives**
- Refrigeration and Food Services
- Building Automation
- **Compressed Air**
- Lighting/Lighting Controls
- Certified New Construction
- Building Shell/Envelope
- **Process Automation**

- Data Center
- Rebate Processing
- **Water Treatment**
- Water Heating
- Energy Audits
- **ESCOs (Energy Service Companies)**
- Financing
- Commissioning/Retro-Commissioning
Contractor Learning Center
Find a Trade Ally

Welcome to the PECO Smart Ideas for Your Business Contractor Database

Find a contractor by entering your city or zip code or by entering a contractor’s name.

Philadelphia, PA 19108, USA  in 25 mi ▼

Services Provided ▼

Contractor Name ▼

Search for Contractors

Sample Company 1 (0.5 mi)
111 Sample A Street, Philadelphia, PA 19000

Sample Company 2 (1.00 mi)
222 Sample B Street, Philadelphia, PA 19000

Sample Company 3 (5.00 mi)
333 Sample C Street, Philadelphia, PA 19000

Sample Company 4 (10.00 mi)
444 Sample D Street, Philadelphia, PA 19000
Become a Trade Ally

Call the PECO Smart Ideas team at 1-844-4BIZ-SAVE (1-844-424-9728) or email pecosmartideas@dnvgl.com.

We’ll help you:

1. Complete and Sign Trade Ally Application
2. Attend at least one recognized training each year
3. Submit a minimum of one project application every 12 months
4. Take advantage of promotional opportunities and grow your business!
Thank You!