



# **The Power to Make a Difference**

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# Energy Efficiency & Conservation Plan (Act 129)

- PPL Electric Utilities EE&C Plan approved by the PUC 10/15/09
  - Other aspects of Act 129 include Smart Metering Plan and Procurement of Generation Supply
- Program implementation December 2009- March 2010



# The Requirements

- The Energy Efficiency Programs must address all customer classes:
  - General Residential customers
  - Low-Income Residential customers
  - Small Commercial & Industrial customers
  - Large Commercial & Industrial customers
  - Institutional & non-profit
- PPL EU is required to achieve
  - 1% reduction through energy efficiency measures by May 31, 2011
  - 3% reduction through energy efficiency measures by May 31, 2013
  - 4.5% reduction in the 100 peak load summer hours in 2012

**\*\*Programs are retroactive to July 1, 2009\*\***

# Commercial and Industrial Energy Efficiency Programs





# Efficient Equipment Rebate Program

- **Targets residential, commercial and industrial, institutional and non-profit customers**
- **Provides rebates to customers who purchase and install energy-efficient appliances, lighting, heating and air conditioning**
- **C&I rebates are available for lighting, variable speed drives, high efficiency compressors**

**\*\* Rebates retroactive to July 1, 2009 \*\***



## Time of Use Rate

- Targets residential, small commercial and institutional customers
- TOU rates vary based on electricity costs in different time periods
- Enrollment begins Spring 2010



# HVAC Tune-Up

- Targets commercial, industrial and institutional customers with rooftop HVAC systems
- **Provides incentives to contractors** to diagnose and repair HVAC system inefficiencies; refrigeration, air distribution and controls



# Direct Load Control

- **Targets residential, small commercial and institutional customers with central air conditioning or heat pump**
- **Cycles air conditioner and/or heat pump during peak summer season**





# Load Curtailment Program

- Targets large Commercial & Industrial customers
- Participants commit to level of curtailment
  - When notified of peak events, must reduce or shift load per agreed level
- CSP to contract with participants, and deliver firm load reductions to PPL Electric



# Custom Incentive Program

- **Targets commercial, industrial and institutional customers**
- **Incentives for measures not included in equipment program**
  - Process & operational changes
  - Comprehensive upgrades
  - Technical studies
- **Customer obtains these products and services from their normal sources**
  - » **PPL EU does not provide services (only reimbursement)**



# Custom Incentive Assessments

- Customer may be eligible for a rebate on an expert assessment that includes installation costs, life of measure and annual kWh savings
- Technical Study Rebates are available for independent, 3<sup>rd</sup> party studies aimed at electrical efficiency



# Custom Incentive Agreement

- Level of incentive is determined based on projected kWh savings after implementation
- Terms & Conditions on a per case basis
- PPL EU will confirm installation



# Custom Incentive Limitations

- Projects requiring little or no capital investment do not qualify- includes routine maintenance, operational, behavioral, or settings/changes that cannot be reasonable expected to operate permanently
- Fuel Switching doesn't qualify
- Back-up or redundant equipment will not qualify



# Projects that May Qualify

- All measures must improve energy efficiency and the benefit to cost ratio must be  $> 1$ 
  - High efficiency motors and pumps\*
  - Drying applications
  - Air compressors\*
  - Data centers
  - Process refrigeration
  - Metal melting
  - Others as approved

\* Not covered by prescriptive measures




## For More Information

- Visit our website:

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### **Commercial and industrial customers can reap large benefits from reducing energy use.**

And these E-power programs are here to help. Take advantage of financial incentives that can total into the hundreds of thousands of dollars, which will go toward your bottom line.

From high energy-efficient equipment rebates to funding for custom energy efficiency projects, you can save money. And over time, the prudent investment you make in energy efficiency and reduction will keep paying dividends.

For an overview, look at our introductory video above by clicking on the gray arrow. Afterwards select any of the links next to the viewer. You'll learn how each of the programs work and how with a simple click of the mouse; they can begin working for your company. Funding for programs is limited, so please take advantage of them now.



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Offer and promotion dates subject to change without notice to comply with applicable regulations, and supply and funding availability. Offer limited to PPL Electric Utilities customers. Some restrictions apply; see program details for specifics. Rebates not to exceed purchase price.



# QUESTIONS



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