PPL Electric Utilities Stakeholder Meeting Phase Two Comments June 5, 2012

Residential

Suggestions:

- Evaluate fuel switching.
- Use realtor network as a way to reach customers who may benefit from a weatherization survey or audit.
- Consider offering a program for duct sealing.
- Have a residential HVAC program. Consider working with contractors and offering a program that includes an installation package component to ensure that all units are installed and working properly.
- Consider offering fuel conversion and ductless heat pumps?
- Consider thermostats that can be controlled through smart phones (e.g., Nest thermostat).
- Evaluate different ways to discard/recycle CFLs and the locations where customers can take them to be recycled, especially but not limited to broken bulbs. Note: there was a concern that some municipalities don't accept broken CFLs for recycling.
- Consider a loan program for residential customers to make energy efficiency improvements. Note: PPL Electric Utilities does not support on-bill financing.
 SEF explained that customers may receive loans through Keystone Help.
- Offer HVAC tune up to residential customers.
- Offer a consumer electronics program.
- o As prices have come down on solar hot water, re-evaluate cost effectiveness.
- Research working with cable companies to offer, for example, smart strips and energy efficient set top boxes.

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Low Income

Suggestions:

- Evaluate the potential for more CFLs per household being distributed by WRAP.
 Currently WRAP installs six bulbs per household for low income customers but there has been research that suggests the potential number of sockets could be upwards of 16.
- Consider offering OPOWER report cards to customers that are identified thru the E-PowerWise program or other low income initiatives.
- Coordinate, with other utilities, the release of RFPs, selection and negotiation with contractors. Note: this suggestion wasn't just for the process in selecting and working with low income contractors but for all bids with contractors/CSPs.

Small C&I

Suggestions:

- Evaluate having a set rebate amount for combined heat and power (CHP) projects.
- Evaluate program design for an AC program. Customers will pay to repair rather their AC units rather than replace them.
- There are not many funding options available for small businesses. Consider onbill financing. Note: The PUC plans on setting up a working group to discuss onbill financing. PPL Electric Utilities suggested that stakeholders interested in this topic should join that working group.
- Evaluate the HVAC program including incentivizing entry heat controls (e.g. programmable thermostats and occupancy sensors.)
- For HVAC, consider working with contractors and offering a program that includes an installation package component to ensure that all units are installed and working properly. (Comment was for both Small C&I and residential.)
- Look at data centers as a subsector that would benefit from an energy efficiency program.

Large C&I

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Suggestions:

- Consider having a Direct Discount program for Large C&I customers.
- Allow customers that have installed energy efficiency measures and not received a rebate to receive a credit on their electric bill.

<u>GNI</u>

Suggestions:

- A concern was raised about the disposal of LED exit signs. PPL Electric Utilities will review this issue and provide follow up.
- o Consider offering school benchmarking.
- Hold competitions between schools/districts to generate interest in energy efficiency program participation.
- Market a waste water programs.
- Evaluate solar thermal.
- Work directly with municipalities providing education and programs that meet their needs.
- Evaluate the age of refrigerators in multifamily buildings. Consider replacing and recycling refrigerators that are old and inefficient.