

AARP Crossed

Commonwealth Edison Company's Response to
AARP's First Set of Data Request
AARP 1.01 - 1.30
Dated: June 24, 2009

Admitted
8/20/09
CES

REQUEST NO. AARP 1.07:

Based on the costs associated with this technology pilot, what are the estimated costs that would be incurred to install this technology on a system wide basis? In your response, identify the costs for capital and O&M for deployment over a 3-5 year period based on the costs that were used to estimate the costs in this application for cost recovery.

RESPONSE:

ComEd objects to the creation of documents or studies which have not already been developed and are unduly burdensome. In addition, it is unclear what is meant by "incurred to install this technology on a system wide basis" in terms of what technology this is referring to. In an effort to be responsive to this request, ComEd understands this question to refer to costs associated with the AMI Customer Applications and responds as follows:

As noted in ComEd's response to AARP 1.06, costs have been developed and shared with respect to the pilot. Costs for a full-scale roll out have not been developed, and would be impossible to develop based upon the pilot as the inputs would not be the same as those utilized in a business case. A business case requires fully estimated scope and scale along with a complete understanding of costs to be determined, likely through RFI and RFP processes, which has not been undertaken.

OFFICIAL FILE

ICC DOCKET NO. 09-0263

~~AARP X~~ Exhibit No. 2

Witness _____

Date 8/20/09 Reporter [Signature]

**Commonwealth Edison Company's Response to
AARP's First Set of Data Request
AARP 1.01 – 1.30
Dated: June 24, 2009**

REQUEST NO. AARP 1.08:

Did ComEd consider the implementation and results of its hourly pricing program currently offered to residential customers? If not, why not? If such experience was considered, discuss the impact and results of this existing program on the design of the pricing programs selected for the customer application pilot.

RESPONSE:

ComEd did consider the existing hourly program (Rate RRTP) when creating the AMI Customer Applications. First, this was done when deciding upon an opt-out vs. opt-in arrangement since experience has shown that creating an environment for change, even for customers who would likely benefit, takes a considerable amount of time, energy, and expense. Secondly, ComEd decided to utilize a simpler and more straightforward day-ahead hourly price instead of a real-time hourly price. Third, the programs have been developed to be revenue neutral to Rate BES at the average customer load profile to reduce the pricing risk for participants. In addition, technology strategies from Rider AC and the Load Guard service were reviewed and considered as a part of the AMI Customer Applications.

**Commonwealth Edison Company's Response to
AARP's First Set of Data Request
AARP 1.01 – 1.30
Dated: June 24, 2009**

REQUEST NO. AARP 1.11:

Provide an estimate of the cost associated with offering a pilot in which non-AMI customers in the pilot program area would be offered a smart thermostat and an option to receive a monthly credit or rebate for allowing ComEd to remotely change the thermostat settings within a pre-arranged level to respond to critical peak usage events. In your response, take into consideration the Peak Rewards program offered by Baltimore Gas & Electric to its residential customers with central air or heat pumps as described on <http://peakrewards.bgesmartenergy.com/what-is-peakrewards>.

RESPONSE:

ComEd objects to this DR as unclear and, strictly speaking, unanswerable. There will be no "non-AMI customers" in the pilot program area since all of those customers are receiving an AMI meter. ComEd also objects to comparing existing and potential programs to those offered by Baltimore Gas & Electric as overly burdensome, unnecessary, and beyond the scope of ComEd's analysis in connection with this technology pilot.

ComEd already has a program, Rider AC, which "allows the Company to remotely control the duty cycle of such participants AC compressor(s)" (Rider AC, sheet 335) and provides customers with either a \$5 or \$10 credit for each of the four summer months. This rider is, and will remain, available to any single-family customer in the AMI footprint (and system-wide) that has a fully functional air conditioning system. Additionally, any customer in the footprint may elect to sign up for Rider RRTP to experience real-time hourly pricing. The costs associated with these Riders are already recovered through existing tariff operation.

**Commonwealth Edison Company's Response to
AARP's First Set of Data Request
AARP 1.01 – 1.30
Dated: June 24, 2009**

REQUEST NO. AARP 1.27:

What goal or objective with respect to peak load reduction would ComEd view as successful or meaningful in terms of any future system-wide implementation of any of its customer application pricing options? Provide the basis for your response.

RESPONSE:

As detailed in the testimony of Dr. Hemphill, ComEd is proposing the customer applications as a pilot and not a roll-out of a full scale AMI deployment. ComEd anticipates that the pilot will allow the Company and the Commission "to gain information about which customer applications are cost-beneficial." As noted in ComEd's response to AARP 1.10, ComEd has not created an analysis of the impacts of each of the customer applications. Without this data, ComEd cannot yet determine what a "successful or meaningful" peak load reduction would be in an ultimate system-wide AMI deployment.

**Commonwealth Edison Company's Response to
AARP's First Set of Data Request
AARP 1.01 – 1.30
Dated: June 24, 2009**

REQUEST NO. AARP 1.28:

What goal or objective with respect to energy efficiency or usage reduction would ComEd view as successful or meaningful in terms of any future system-wide implementation of any of its customer application pricing options? Provide the basis for your response.

RESPONSE:

As detailed in the testimony of Dr. Hemphill, ComEd is proposing the customer applications as a pilot and not a roll-out of a full scale AMI deployment. ComEd anticipates that the pilot will allow the company and the Commission “to gain information about which customer applications are cost-beneficial.” As noted in ComEd’s response to AARP 1.10, ComEd has not created an analysis of the impacts of each of the customer applications. Without this data, ComEd cannot yet determine what a “successful or meaningful” energy efficiency or usage reduction would be in an ultimate system-wide AMI deployment.