



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA PUBLIC UTILITY COMMISSION
TECHNICAL UTILITY SERVICES
P.O. BOX 3265, HARRISBURG, PA 17105-3265

IN REPLY PLEASE
REFER TO OUR FILE

August 24, 2012

Mr. Dick Webster
Director-Rates and Regulatory Affairs
PECO Energy Company
2301 Market Street S15-2
Philadelphia, PA 19103

RE: AMI Meter Deployment Inquiries

Dear Mr. Webster:

In June 2012, PECO held a smart meter information meeting with Commission staff. At that meeting PECO briefed Commission staff on some potential meter installation issues. In August 2012, the Commission was made aware of potential advanced metering infrastructure (AMI) meter overheating issues and property damage possibly caused by the AMI meter installation. As a result, the Commission staff is requesting answers to the following data to ensure the safe deployment of PECO's AMI meters.

1. Provide the names of the AMI vendors and the first installation date by AMI meter type.
2. How many AMI meters were installed by each AMI meter vendor as of the date of this letter?
3. Provide the manufacturer's stated failure rate of each type of AMI meter.
4. Provide the failure rate, to date, for the AMI meters installed in PECO's service territory.
5. Provide a list of AMI meter installations that were terminated or delayed due to non-meter issues.
6. Provide a list of AMI meter failures by incident type.
7. Provide the number of AMI meter overheating incidents that occurred since the installation of the AMI meters began.
8. Provide the number of AMI meter incidents that resulted in damage to PECO's equipment or to a customer's property.
9. Was a root cause investigation performed for any of the AMI meter incidents? If and when complete, please provide a copy of the report. For the incidents that a root cause investigation was not completed, provide an estimated timeline for when it will be completed.
10. Describe the due diligence you performed to insure the approved AMI meter vendors were providing safe and reliable equipment and installation. During the course of your due diligence, did you become aware of any potential overheating issues or other problems with the selected AMI equipment. If so, when and in what jurisdictions did these overheating incidents occur?
11. Provide a list of qualifications for PECO and contractor AMI installers.
12. Provide installation guideline or procedures memos and installation manuals for AMI meters given to the installers.
13. Describe the training provided to PECO and contractor installers prior to the deployment and installation of the AMI meters.
14. Provide a description of all property and equipment inspections undertaken by an AMI meter installer prior to the installation of the AMI meter.

15. Provide the procedure an AMI meter installer would follow if the installer identifies a safety or code concern or issue during an AMI meter installation.
16. Describe the reasons for PECO's suspension of its AMI meter deployment. Describe the steps and actions PECO is taking prior to beginning further AMI meter installations.
17. Is PECO considering removing any of the installed AMI meters?

Please provide written responses to this data request within ten (10) days of receipt of this letter.

Questions and responses should be directed to:

1. Daniel Searfoorce, Emergency Preparedness Coordinator -717-783-6159 or dsearfoorc@pa.gov
2. Kriss Brown, Legal Counsel – 717-787-4518 or kribrown@pa.gov.

Very truly yours,



Paul T. Diskin, Director
Technical Utility Services

cc: Jan Freeman, Executive Director
Karen Oill Moury, Director of Regulatory Operations
Robert F. Young, Deputy Chief Counsel
Kriss Brown, Assistant Counsel
Tom Charles, Director, Communications
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