

L-00030161



2800 Pottsville Pike  
P.O. Box 16001  
Reading, PA 19612-6001

Tori L. Giesler  
(610) 921-6658  
tgiesler@firstenergycorp.com

610-929-3601

August 1, 2014

**VIA UNITED PARCEL SERVICE**

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street, 2<sup>nd</sup> Floor  
Harrisburg, PA 17120

RECEIVED

AUG 04 2014

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**Re: Joint 2<sup>nd</sup> Quarter 2014 Reliability Report – Metropolitan Edison Company,  
Pennsylvania Electric Company and Pennsylvania Power Company –  
Public Version**

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 57.195(d) and (e), enclosed for filing on behalf of Metropolitan Edison Company, Pennsylvania Electric Company and Pennsylvania Power Company (collectively, the “Companies”) are two copies of the Joint 2<sup>nd</sup> Quarter 2014 Reliability Report – Public Version (“Joint Report”). Please date stamp the additional copy and return it in the postage-prepaid envelope provided.

On December 22, 2004, the Companies filed an Application for Protective Order at Docket No. L-00030161. The Application was granted, allowing the Companies to file proprietary versions of the quarterly reliability reports. The Proprietary Version of this Joint Report is being filed under separate cover.

Please feel free to contact me if you have any questions or need additional information regarding this matter.

Sincerely,

Tori L. Giesler

Enclosures

- c: As Per Certificate of Service  
D. Gill – Bureau of Technical Utility Services (via email and first class mail)  
D. Searfoorce - Bureau of Technical Utility Services (via email and first class mail)



RECEIVED

AUG 04 2014

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

## Joint 2014 2<sup>nd</sup> Quarter Reliability Report

Pennsylvania Power Company,  
Pennsylvania Electric Company and  
Metropolitan Edison Company

Pursuant to 52 Pa. Code § 57.195(d) and (e)

**Joint 2<sup>nd</sup> Quarter 2014 Reliability Report –  
Pennsylvania Power Company,  
Pennsylvania Electric Company and  
Metropolitan Edison Company**

*Section 57.195(e)(1): A description of each major event that occurred during the preceding quarter, including the time and duration of the event, the number of customers affected, the cause of the event and any modified procedures adopted in order to avoid or minimize the impact of similar events in the future<sup>1</sup>*

*Major Events*

The Companies did not experience a major event during the reporting period ending June 30, 2014.

---

<sup>1</sup> For purposes of this Joint Report, all reliability reporting is based upon the Pennsylvania Public Utility Commission's definitions for momentary outages and major events pursuant to 52 Pa. Code § 57.192.

*Section 57.195(e)(2): Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available MAIFI) for the EDC's service territory for the preceding quarter. The report shall include the data used in calculating the indices, namely the average number of customers served, the number of sustained customer interruptions, the number of customers affected, and the customer minutes of interruption. If MAIFI values are provided, the report shall also include the number of customer momentary interruptions.*

### Reliability Index Values

2Q 2014 (12-Mo Rolling)	Penn Power			Penelec			Met-Ed		
	Benchmark	12-Month Standard	12-Month Actual	Benchmark	12-Month Standard	12-Month Actual	Benchmark	12-Month Standard	12-Month Actual
SAIFI	1.12	1.34	1.41 <sup>2</sup>	1.26	1.52	1.55 <sup>3</sup>	1.15	1.38	0.97 <sup>6</sup>
CAIDI	101	121	111	117	141	109 <sup>4</sup>	117	140	117 <sup>5</sup>
SAIDI	113	162	156	148	213	169	135	194	113 <sup>5</sup>
MAIFI			1.55			4.73			1.49
Customers Served <sup>7</sup>	159,359			582,332			550,183		
Number of Sustained Interruptions	3,534			11,586			7,988		
Customers Affected	224,452			900,211			534,193		
Customer Minutes	24,866,825			98,526,383			62,351,527		
Number of Customer Momentary Interruptions	247,078			2,752,634			817,347		

<sup>2</sup> Penn Power's higher-than-normal reliability performance for the 12-month period is directly attributed to 41 minor storm days, which contributed 0.57 to SAIFI.

<sup>3</sup> Penelec higher-than-normal SAIFI performance is directly attributed to three non-excludable storm events that occurred on January 6-8, March 12-13 and June 18-20, 2014 which contributed 0.12 to SAIFI.

<sup>4</sup> Penelec achieved better than benchmark for CAIDI.

<sup>5</sup> Met-Ed achieved benchmark for CAIDI.

<sup>6</sup> Met-Ed achieved better than benchmark for SAIFI and SAIDI.

<sup>7</sup> Represents the average number of customers served during the reporting period

*Section 57.195(e)(3): Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available, MAIFI) and other pertinent information such as customers served, number of interruptions, customer minutes interrupted, number of lockouts, and so forth, for the worst performing 5% of the circuits in the system. An explanation of how the EDC defines its worst performing circuits shall be included.*

### *Worst Performing Circuits – Reliability Indices*

The methodology used to identify worst performing circuits is based on both System Average Interruption Frequency Index (“SAIFI”) and System Average Interruption Duration Index (“SAIDI”). The methodology consists of the following steps:

1. For each circuit calculate a circuit SAIFI using only distribution-caused outages.
2. Select the worst 20% of circuits based on the highest circuit SAIFI.
3. Rank the selected circuits based on SAIDI using only distribution-caused customer minutes.
4. Select 5% of the circuits based on the highest customer minutes. These circuits are then identified as the worst performing circuits.

Penn Power, Penelec and Met-Ed’s rankings of the 5% Worst Performing Circuits are provided in Attachment A to this report.

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

*Section 57.195(e)(4): Specific remedial efforts taken and planned for the worst performing 5% of the circuits identified in paragraph (3).*

*Worst Performing Circuits – Remedial Actions*

Penn Power, Penelec and Met-Ed's Remedial Actions for Worst Performing Circuits are provided in Attachment B to this report.

*Section 57.195(e)(5): A rolling 12-month breakdown and analysis of outage causes during the preceding quarter, including the number and percentage of service outages, the number of customers interrupted, and customer interruption minutes categorized by outage cause such as equipment failure, animal contact, tree-related, and so forth. Proposed solutions to identified service problems shall be reported.*

### Outages by Cause

#### Outages by Cause – Penn Power

Outages by Cause				
2nd Quarter 2014 12-Month Rolling	Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
LIGHTNING	2,493,769	536	18,926	15.17%
TREES OFF ROW-TREE	8,358,861	518	53,444	14.66%
ANIMAL	1,026,508	419	10,965	11.86%
BIRD	347,380	386	4,276	10.92%
EQUIPMENT FAILURE	3,258,941	377	63,632	10.67%
LINE FAILURE	2,105,196	331	13,400	9.37%
TREES OFF ROW-LIMB	1,993,420	237	13,333	6.71%
UNKNOWN	392,445	116	4,950	3.28%
TREES - SEC/SERVICE	95,688	105	335	2.97%
OVERLOAD	483,430	100	6,174	2.83%
VEHICLE	1,315,667	89	8,214	2.52%
ICE	1,130,738	74	1,608	2.09%
FORCED OUTAGE	141,703	49	4,247	1.39%
TREES ON ROW	439,691	48	1,214	1.36%
PREVIOUS LIGHTNING	27,394	46	326	1.30%
HUMAN ERROR -NON-COMPANY	463,268	34	5,876	0.96%
CUSTOMER EQUIPMENT	437,418	21	10,641	0.59%
UG DIG-UP	19,965	13	167	0.37%
OBJECT CONTACT WITH LINE	131,775	11	961	0.31%
HUMAN ERROR - COMPANY	3,099	10	61	0.28%
VANDALISM	57,206	4	541	0.11%
WIND	131,446	4	1,045	0.11%
FIRE	660	2	10	0.06%
CONTAMINATION	785	1	1	0.03%
OTHER ELECTRIC UTILITY	7,434	1	63	0.03%
OTHER UTILITY-NON ELEC	2,225	1	19	0.03%
SWITCHING ERROR	713	1	23	0.03%
<b>Total</b>	<b>24,866,825</b>	<b>3,534</b>	<b>224,452</b>	<b>100.00%</b>

## Proposed Solutions – Penn Power

### Lightning

The number of lightning-caused outages is mitigated through Penn Power's reliability improvement strategy. This includes inspection and maintenance practices such as circuit inspections and annual main feed inspections. These inspections can locate blown lightning arresters, broken grounds and other condition items which could lead to higher lightning-caused outages. Substations also contain lightning protection through equipment such as arresters and grounding. These items are maintained by the substation group based on the substation practices. Distribution protection coordination reviews allow for a fewer number of customers affected and quicker isolation of the affected circuit sections. In addition, Penn Power conducts periodic reviews of multi-operation devices to identify causes and trends and will engineer solutions to reduce the frequency of the outages.

### Trees Off ROW-Tree

Forestry Services reviews the "Trees Off ROW-Tree" outages to see if there has been a high frequency of occurrences on the circuit. A patrol of the circuit is conducted to identify trees that need to be trimmed or removed to avoid future outages. In addition, line and forestry personnel patrol for danger/priority trees as part of their daily work routine. The danger/priority tree program identifies off right-of-way trees that present a hazard to power lines. Under this program all circuits that have had "Trees Off ROW-Tree" caused outages are prioritized based on customer outage minutes. A patrol of the three-phase backbone of each circuit is performed and foresters work with private property owners to remove any potentially dangerous tree conditions.

### Animal

Animal guards are installed on equipment where a high frequency of animal related outages is experienced. When possible, animal guards are installed at the time service is restored for the outages caused by animals.

## Outages by Cause – Penelec

Outages by Cause				
2nd Quarter 2014 12-Month Rolling	Penelec			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
EQUIPMENT FAILURE	23,507,132	3,156	269,998	27.24%
UNKNOWN	10,742,474	2,148	132,338	18.54%
TREES OFF ROW-TREE	22,473,017	1,116	129,403	9.63%
ANIMAL	2,513,447	1,096	42,130	9.46%
LINE FAILURE	15,861,721	968	135,006	8.35%
FORCED OUTAGE	4,369,575	715	45,086	6.17%
LIGHTNING	4,445,817	414	34,077	3.57%
TREES OFF ROW-LIMB	3,350,052	355	25,900	3.06%
TREES - SEC/SERVICE	962,612	351	2,132	3.03%
BIRD	442,264	301	5,361	2.60%
VEHICLE	4,592,288	287	29,976	2.48%
HUMAN ERROR - COMPANY	164,435	162	1,929	1.40%
HUMAN ERROR -NON-COMPANY	2,403,578	120	14,221	1.04%
OVERLOAD	1,411,442	97	22,105	0.84%
TREES ON ROW	384,866	68	1,866	0.59%
OTHER ELECTRIC UTILITY	215,305	49	2,141	0.42%
UG DIG-UP	70,263	31	440	0.27%
ICE	148,857	28	509	0.24%
PREVIOUS LIGHTNING	46,946	28	152	0.24%
OBJECT CONTACT WITH LINE	65,641	27	532	0.23%
VANDALISM	30,338	22	273	0.19%
CUSTOMER EQUIPMENT	59,867	19	145	0.16%
FIRE	52,410	10	464	0.09%
SWITCHING ERROR	91,562	7	3,643	0.06%
OTHER UTILITY-NON ELEC	2,981	5	78	0.04%
CONTAMINATION	4,870	4	84	0.03%
WIND	112,623	2	222	0.02%
<b>Total</b>	<b>98,526,383</b>	<b>11,586</b>	<b>900,211</b>	<b>100.00%</b>

## Proposed Solutions – Penelec

### Equipment Failure

Porcelain cutout failures represent approximately one-third of the equipment failure outages in Penelec's territory. To address this cause, Penelec continues to replace porcelain cutouts with polymer cutouts on the main feed three-phase backbone of circuits.

Inspection and maintenance practices, such as overhead circuit inspections, identify and correct potential equipment-related problems before they cause an outage. Penelec is inspecting the entire circuit from substation to meter which includes the main three-phase backbone system on a five-year cycle. Off-cycle inspections are performed based on circuit performance and may include infrared scanning to assist in identification of potential equipment problems.

To reduce the impact of outages, distribution circuit protection coordination reviews and the enhanced circuit protection schemes that result provide isolation of equipment failures. To limit the number of multiple outages at the same location, the Engineering Department continually monitors and investigates devices experiencing three or more outages in sixty days to identify causes and trends of equipment failures and other outages.

### Unknown

Outage-by-cause analysis is one of the tools used to analyze and develop circuit and system reliability improvement plans. If the troubleshooter cannot accurately identify the cause of an outage, that outage is coded with an unknown cause. To limit the number of unknown outages, and to identify the outage cause, troubleshooters are directed to continue to patrol a circuit, even after service has been restored, as long as those patrols will not interfere with restoration of other customers. Significant unknown outages are reviewed by the Engineering Department, with post outage circuit inspections being completed as needed by reliability inspectors.

### Trees Off ROW-Tree

Forestry Services reviews the "Trees Off ROW-Tree" outages to see if there has been a high frequency of occurrences on the circuit. A patrol of the circuit is conducted to identify dead or diseased trees that need to be trimmed or removed to avoid future outages. In addition, line and forestry personnel patrol for danger/priority trees as part of their daily work routine. The danger/priority tree inspections identify off right-of-way trees that present a hazard to power lines. Circuits are then prioritized by customer minutes due to "Trees Off ROW-Tree" outages. A patrol of the entire circuit is performed and Forestry Services works with private property owners to remove any potentially dangerous tree conditions. This practice has been adopted as part of the Company's normal tree trimming maintenance program.

Outages by Cause – Met-Ed

<b>Outages by Cause</b>				
<b>2nd Quarter 2014 12-Month Rolling</b>	<b>Met-Ed</b>			
<b>Cause</b>	<b>Customer Minutes</b>	<b>Number of Sustained Interruptions</b>	<b>Customers Affected</b>	<b>% Based on Number of Outages</b>
EQUIPMENT FAILURE	18,210,695	2,297	174,565	28.76%
ANIMAL	3,266,303	1,340	30,532	16.78%
UNKNOWN	4,363,579	1,014	38,610	12.69%
TREES OFF ROW-TREE	9,155,687	643	50,615	8.05%
LINE FAILURE	6,982,817	543	40,405	6.80%
LIGHTNING	1,627,471	337	16,956	4.22%
VEHICLE	7,714,491	311	49,700	3.89%
TREES OFF ROW-LIMB	2,823,973	300	21,767	3.76%
FORCED OUTAGE	3,968,502	294	69,733	3.68%
TREES ON ROW	2,055,480	252	11,580	3.15%
BIRD	222,185	246	2,735	3.08%
TREES - SEC/SERVICE	176,961	110	641	1.38%
OVERLOAD	555,546	92	4,723	1.15%
HUMAN ERROR -NON-COMPANY	248,578	53	2,019	0.66%
HUMAN ERROR - COMPANY	588,058	28	13,712	0.35%
PREVIOUS LIGHTNING	23,317	28	164	0.35%
OBJECT CONTACT WITH LINE	123,251	27	1,844	0.34%
UG DIG-UP	110,488	27	807	0.34%
CUSTOMER EQUIPMENT	6,737	12	35	0.15%
ICE	35,966	11	101	0.14%
VANDALISM	25,196	6	2,535	0.08%
WIND	41,769	6	218	0.08%
FIRE	14,608	4	163	0.05%
OTHER UTILITY-NON ELEC	8,403	4	28	0.05%
OTHER ELECTRIC UTILITY	844	2	3	0.03%
CONTAMINATION	622	1	2	0.01%
<b>Total</b>	<b>62,351,527</b>	<b>7,988</b>	<b>534,193</b>	<b>100.00%</b>

## Proposed Solutions – Met-Ed

### Equipment Failure

Equipment failures are mitigated by way of inspection and maintenance practices, such as circuit inspections, as well as recloser and capacitor inspections. Further, distribution circuit protection coordination reviews and the enhanced circuit protection schemes that result will provide isolation of equipment failures and lessen the impact of outages to a smaller number of customers. In addition, the Engineering Department periodically conducts a multi-operation device review to identify causes and trends of equipment failures and other outage causes. Engineering then plans accordingly to repair or replace facilities. Porcelain cutout failures represent a large percentage of the equipment failures at Met-Ed. This trend is mitigated by a porcelain cutout replacement program that is focused on circuit backbones.

### Animal

Animal guards are installed on equipment where a high frequency of animal-related outages is experienced. When possible, animal guards are installed at the time service is restored for the outages caused by animals. In addition, Met-Ed requires animal guards to be installed on all new overhead and underground riser installations.

### Unknown

Outage-by-cause analysis is one of the tools used to analyze and develop circuit and system reliability improvement plans. During the investigation of an outage, if the troubleshooter cannot accurately identify the cause of an outage, that outage is coded with an unknown cause. To limit the number of unknown outages and to identify the outage cause, troubleshooters are directed to continue to patrol a circuit even after service has been restored, as long as those patrols will not interfere with restoration of other customers. Significant unknown outages are reviewed by the Engineering Department, with post outage circuit inspections being completed as needed.

*Section 57.195(e)(6): Quarterly and year-to-date information on progress toward meeting transmission and distribution inspection and maintenance goals/objectives (for first, second and third quarter reports only).*

*T&D Inspection and Maintenance Programs*

Inspection and Maintenance 2014		Penn Power			Penelec			Met-Ed		
		Planned	Completed		Planned	Completed		Planned	Completed	
		Annual	2Q	YTD	Annual	2Q	YTD	Annual	2Q	YTD
Forestry	Transmission (Miles)	144.37	8.36	8.36	352.10	116.08	151.02	229.21	71.53	91.41
	Distribution (Miles)	1,157	218	557	4,604	1,230	1,993	2,697	634	997
Transmission	Aerial Patrols	2	0	1	2	1	1	2	0	1
	Groundline	0	0	0	279	0	0	0	0	0
Substation	General Inspections	924	231	462	4,848	1,212	2,424	2,592	648	1,296
	Transformers	120	63	65	724	133	519	445	148	168
	Breakers	32	9	14	310	80	136	96	41	43
	Relay Schemes	40	3	5	285	124	172	204	133	142
Distribution	Capacitors	1,004	6	1,004	8,702	293	8,702	4,748	0	4,748
	Poles	10,600	3,915	3,915	41,111	19,340	34,927	28,452	9,268	17,240
	Reclosers	781	506	684	2,574	0	0	1,074	375	609
	Radio-Controlled Switches	Penn Power has no radio-controlled switches			2,356	1,166	1,178	278	129	139

General Note:

Unless specified otherwise, all inspections are reported on a unit basis rather than on a location basis.

Section 57.195(e)(7): Quarterly and year-to-date information on budgeted versus actual transmission and distribution operation and maintenance expenditures in total and detailed by the EDC's own functional account code as available. (For first, second and third quarter reports only).

*Budgeted vs. Actual T&D Operation & Maintenance Expenditures<sup>8</sup>*

<b>Penn Power</b>					
<b>T&amp;D O&amp;M - 2Q/YTD June 2014 (\$)</b>					
<b>Category</b>	<b>Q2 Actuals</b>	<b>Q2 Budget</b>	<b>Q2 YTD Actuals</b>	<b>Q2 YTD Budget</b>	<b>Annual Budget</b>
<b>Transmission</b>					
560	Operation Supervision and Engineering	(4)	0	(4)	0
561	Load Dispatching	27,810	24,788	69,018	66,292
565	Transmission of Electricity by Others	1,703,431	1,335,067	2,523,999	2,750,069
566	Miscellaneous Transmission Expenses	8,163	18,880	18,593	37,753
567	Rents	1	0	1	0
568	Maintenance Supervision and Engineering	874	857	1,875	2,011
569	Maintenance of Structures	6,477	14,824	12,118	31,783
570	Maintenance of Station Equipment	1,401	762	3,916	1,524
571	Maintenance of Overhead Lines	25,295	4,361	43,624	9,897
573	Maintenance of Miscellaneous Transmission Plant	(1,043)	1,276	(1,993)	2,553
575	Market Administration, Monitoring and Compliance Services	4,021	4,761	10,671	10,937
<b>Transmission Total</b>		<b>1,776,425</b>	<b>1,405,576</b>	<b>2,681,816</b>	<b>2,912,818</b>
<b>Distribution</b>					
580	Operation Supervision and Engineering	77	0	(55,441)	0
582	Station Expenses	3,108	0	5,992	0
583	Overhead Line Expenses	8,240	0	11,836	0
584	Underground Line Expenses	65,027	71,046	105,363	142,797
586	Meter Expenses	20,030	19,581	40,130	41,336
588	Miscellaneous Distribution Expenses	211,270	200,943	558,477	353,047
589	Rents	88,106	80,354	205,871	160,708
590	Maintenance Supervision and Engineering	13,739	12,158	34,647	35,749
592	Maintenance of Station Equipment	141,219	38,910	335,491	75,675
593	Maintenance of Overhead Lines	2,361,481	1,563,852	4,295,460	3,177,867
594	Maintenance of Underground Lines	107,134	(3,839)	181,464	(7,678)
596	Maintenance of Street Lighting and Signal Systems	67,208	182	176,329	364
597	Maintenance of Meters	163,491	109,226	313,091	238,179
598	Maintenance of Miscellaneous Distribution Plant	70,181	95,614	125,338	203,296
<b>Distribution Total</b>		<b>3,320,312</b>	<b>2,188,027</b>	<b>6,334,049</b>	<b>4,421,341</b>
<b>Penn Power Grand Total</b>		<b>5,096,737</b>	<b>3,593,603</b>	<b>9,015,865</b>	<b>7,334,159</b>

<sup>8</sup> Budgets are subject to change

<b>Penelec</b>						
<b>T&amp;D O&amp;M - 2Q/YTD June 2014 (\$)</b>						
<b>Category</b>	<b>Q2 Actuals</b>	<b>Q2 Budget</b>	<b>Q2 YTD Actuals</b>	<b>Q2 YTD Budget</b>	<b>Annual Budget</b>	
<b>Transmission</b>						
560	Operation Supervision and Engineering	4,862	27,460	12,083	34,556	69,355
561	Load Dispatching	122,031	362,106	246,743	754,151	1,517,766
562	Station Expenses	19,753	0	21,970	0	0
563	Overhead Lines Expenses	5,359	2,827	218,329	279,263	355,969
565	Transmission of Electricity by Others	3,045,342	2,414,081	5,669,327	5,010,801	10,218,911
566	Miscellaneous Transmission Expenses	221,807	222,202	359,045	438,709	890,931
567	Rents	795,993	690,093	1,538,626	1,380,186	2,760,371
568	Maintenance Supervision and Engineering	196,748	262,276	497,451	574,765	1,159,278
569	Maintenance of Structures	82,144	69,580	171,072	149,172	294,706
570	Maintenance of Station Equipment	848,450	88,457	1,426,452	173,490	348,372
571	Maintenance of Overhead Lines	3,013,670	2,185,948	2,579,760	3,433,262	8,136,986
572	Transmission-Maintenance Of Underground Lines	0	0	74	0	0
573	Maintenance of Miscellaneous Transmission Plant	9,484	0	18,802	0	0
575	Market Administration, Monitoring and Compliance Services	6,854	11,122	16,490	26,219	53,272
<b>Transmission Total</b>		<b>8,372,497</b>	<b>6,336,151</b>	<b>12,776,225</b>	<b>12,254,574</b>	<b>25,805,917</b>
<b>Distribution</b>						
580	Operation Supervision and Engineering	(376,174)	25,742	133,292	53,053	566,579
581	Load Dispatching	93,701	88,973	201,238	190,069	384,505
582	Station Expenses	60,896	0	149,237	0	0
583	Overhead Line Expenses	14,470	11,162	19,253	26,325	52,827
584	Underground Line Expenses	254,031	209,730	387,371	419,460	838,920
585	Distribution-Street Lighting & Signal System Expenses	0	0	396	0	0
586	Meter Expenses	123,946	155,355	280,701	320,787	636,909
588	Miscellaneous Distribution Expenses	1,527,556	1,718,917	4,088,217	3,022,541	6,377,416
589	Rents	468,092	306,851	700,410	613,703	1,227,405
590	Maintenance Supervision and Engineering	63,058	56,507	158,758	165,884	372,115
592	Maintenance of Station Equipment	1,533,052	1,192,134	3,321,743	2,431,657	4,922,709
593	Maintenance of Overhead Lines	5,804,175	5,203,995	11,829,438	10,284,097	20,544,662
594	Maintenance of Underground Lines	239,143	21,388	468,639	20,398	51,984
595	Maintenance Line Transformer	(3,848)	0	21,678	0	0
596	Maintenance of Street Lighting and Signal Systems	257,074	370,820	671,466	801,919	1,620,566
597	Maintenance of Meters	684,517	374,397	1,422,167	766,822	1,451,746
598	Maintenance of Miscellaneous Distribution Plant	485,609	379,362	985,930	813,466	1,633,417
<b>Distribution Total</b>		<b>11,229,299</b>	<b>10,115,334</b>	<b>24,839,935</b>	<b>19,930,181</b>	<b>40,681,759</b>
<b>Penelec Grand Total</b>		<b>19,601,797</b>	<b>16,451,485</b>	<b>37,616,160</b>	<b>32,184,755</b>	<b>66,487,676</b>

<b>Met-Ed</b>					
<b>T&amp;D O&amp;M - 2Q/YTD June 2014 (\$)</b>					
<b>Category</b>	<b>Q2 Actuals</b>	<b>Q2 Budget</b>	<b>Q2 YTD Actuals</b>	<b>Q2 YTD Budget</b>	<b>Annual Budget</b>
<b>Transmission</b>					
560 Operation Supervision and Engineering	3,848	21,505	9,583	27,323	55,628
561 Load Dispatching	164,294	293,789	373,165	644,610	1,337,244
562 Station Expenses	10,709	0	15,821	0	0
563 Overhead Lines Expenses	13,169	15,915	15,572	30,362	33,112
565 Transmission of Electricity by Others	3,061,440	2,754,873	8,145,916	5,632,086	11,776,276
566 Miscellaneous Transmission Expenses	201,692	276,568	347,845	556,494	1,137,533
567 Rents	188,153	118,104	316,924	236,207	472,415
568 Maintenance Supervision and Engineering	156,920	211,333	396,661	463,485	934,756
569 Maintenance of Structures	70,979	62,931	141,067	134,864	266,402
570 Maintenance of Station Equipment	489,669	424,601	950,778	957,590	2,337,380
571 Maintenance of Overhead Lines	627,768	815,444	1,173,309	1,280,425	3,040,319
572 Maintenance of Underground Lines	0	0	224	0	0
573 Maintenance of Miscellaneous Transmission Plant	22,181	13,828	63,097	33,823	65,528
575 Market Administration, Monitoring and Compliance Services	8,385	11,078	20,364	26,376	53,861
<b>Transmission Total</b>	<b>5,019,210</b>	<b>5,019,969</b>	<b>11,970,326</b>	<b>10,023,646</b>	<b>21,510,453</b>
<b>Distribution</b>					
580 Operation Supervision and Engineering	11,138	18,683	(197,356)	39,682	497,840
581 Load Dispatching	55,765	65,591	148,326	182,905	328,242
582 Station Expenses	266,787	110,923	525,999	250,093	612,237
583 Overhead Line Expenses	8,715	7,750	(490)	28,435	37,277
584 Underground Line Expenses	219,076	144,119	358,759	288,239	576,477
586 Meter Expenses	137,974	177,249	278,627	357,413	732,481
588 Miscellaneous Distribution Expenses	1,014,377	1,155,573	2,251,249	1,891,658	4,347,575
589 Rents	138,008	135,218	287,174	270,437	540,873
590 Maintenance Supervision and Engineering	56,144	50,322	141,389	147,707	331,277
591 Maintenance of Structures	2,778	3,485	5,920	7,069	14,240
592 Maintenance of Station Equipment	777,071	791,147	1,455,113	1,448,685	3,424,695
593 Maintenance of Overhead Lines	5,502,237	3,799,099	23,693,757	7,609,262	14,888,857
594 Maintenance of Underground Lines	485,544	511,462	777,547	1,002,593	2,025,624
596 Maintenance of Street Lighting and Signal Systems	154,273	62,413	312,998	122,312	247,191
597 Maintenance of Meters	510,560	404,505	926,826	811,731	1,620,577
598 Maintenance of Miscellaneous Distribution Plant	411,109	390,344	838,576	830,589	1,651,356
<b>Distribution Total</b>	<b>9,751,554</b>	<b>7,827,883</b>	<b>31,804,414</b>	<b>15,288,810</b>	<b>31,876,820</b>
<b>Met-Ed Grand Total</b>	<b>14,770,763</b>	<b>12,847,851</b>	<b>43,774,740</b>	<b>25,312,456</b>	<b>53,387,273</b>

*Section 57.195(e)(8): Quarterly and year-to-date information on budgeted versus actual transmission and distribution capital expenditures in total and detailed by the EDC's own functional account code or FERC account code as available. (For first, second and third quarter reports only).*

*Budgeted vs. Actual T&D Capital Expenditures<sup>9</sup>*

<b>Penn Power</b>					
<b>T&amp;D Capital - 2Q / YTD June 2014 (\$)</b>					
<b>Category</b>	<b>Q2 Actuals</b>	<b>Q2 Budget</b>	<b>Q2 YTD Actuals</b>	<b>Q2 YTD Budget</b>	<b>Annual Budget</b>
Capacity	357,982	83,566	391,492	122,488	216,605
Condition	394,193	1,256,751	1,166,177	2,620,871	5,772,263
Facilities	492	0	492	0	0
Forced	1,309,233	778,070	2,498,786	1,771,158	3,261,092
Meter Related	81,529	(7,505)	169,694	(14,934)	(29,792)
New Business	1,292,795	554,096	2,493,839	1,235,958	1,921,528
Other	1,562,965	1,775,019	2,702,305	2,887,408	14,040,397
Reliability	596,967	1,018,240	1,227,869	1,761,227	4,135,545
Street Light	46,616	6,553	114,010	13,105	26,210
Tools and Equipment	33,979	16,361	66,943	30,730	80,111
Vegetation Management	1,321,461	1,292,920	2,357,221	2,585,839	5,171,678
<b>Penn Power Total</b>	<b>6,998,211</b>	<b>6,774,068</b>	<b>13,188,829</b>	<b>13,013,850</b>	<b>34,595,638</b>

<b>Penelec</b>					
<b>T&amp;D Capital - 2Q / YTD June 2014 (\$)</b>					
<b>Category</b>	<b>Q2 Actuals</b>	<b>Q2 Budget</b>	<b>Q2 YTD Actuals</b>	<b>Q2 YTD Budget</b>	<b>Annual Budget</b>
Capacity	(6,013,011)	3,807,634	(12,422,071)	7,838,811	22,323,404
Condition	5,290,046	8,401,719	8,791,561	14,588,940	30,179,409
Facilities	182,336	688,736	311,058	885,114	1,693,781
Forced	2,827,841	8,602,756	10,729,016	15,815,551	32,297,454
Meter Related	651,929	975,840	1,532,136	1,936,614	3,895,991
New Business	2,719,163	3,046,683	4,589,324	6,088,817	12,306,471
Other	8,690,266	5,526,940	16,383,937	10,445,519	20,842,813
Reliability	8,462,717	5,465,026	19,205,906	10,883,625	23,756,577
Street Light	281,795	466,069	710,034	938,418	1,886,896
Tools and Equipment	209,949	212,681	408,227	411,490	962,713
Vegetation Management	4,068,633	6,434,321	8,483,061	12,546,093	23,564,629
<b>Penelec Total</b>	<b>27,371,663</b>	<b>43,628,405</b>	<b>58,722,189</b>	<b>82,378,993</b>	<b>173,710,138</b>

<sup>9</sup> Budgets are subject to change

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

<b>Met-Ed</b>					
<b>T&amp;D Capital - 2Q / YTD June 2014 (\$)</b>					
<b>Category</b>	<b>Q2 Actuals</b>	<b>Q2 Budget</b>	<b>Q2 YTD Actuals</b>	<b>Q2 YTD Budget</b>	<b>Annual Budget</b>
Capacity	8,120,341	3,267,259	15,078,002	10,474,560	17,810,045
Condition	3,310,269	3,059,748	5,635,577	5,976,369	12,384,025
Facilities	24,266	49,478	95,394	49,478	396,476
Forced	5,276,430	5,614,098	13,841,553	11,933,327	22,569,629
Meter Related	549,227	772,810	1,185,988	1,535,791	3,093,873
New Business	2,670,905	3,313,344	5,577,830	7,153,441	14,022,673
Other	5,245,809	2,228,655	6,892,880	1,957,302	8,694,842
Reliability	1,446,024	2,379,191	2,528,651	5,109,259	9,411,947
Street Light	68,625	133,687	102,705	265,931	536,631
Tools and Equipment	177,080	195,644	451,845	376,136	916,961
Vegetation Management	2,267,202	3,802,784	5,615,646	7,466,052	14,896,759
<b>Met-Ed Total</b>	<b>29,156,179</b>	<b>24,816,700</b>	<b>57,006,072</b>	<b>52,297,646</b>	<b>104,733,860</b>

General Note:  
Capital reported on Generally Accepted Accounting Principles (GAAP) basis.

*Section 57.195(e)(9): Dedicated staffing levels for transmission and distribution operation and maintenance at the end of the quarter, in total and by specific category (for example, linemen, technician, and electrician).*

*Staffing Levels*

Penn Power 2014					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	29	29		
	Lineman	60	58		
Substation	Technician	4	4		
	Construction & Maintenance (C&M)	18	18		
<b>Total</b>		<b>111</b>	<b>109</b>		

Penelec 2014					
Department	Staff	1Q	2Q <sup>10</sup>	3Q	4Q
Line	Leader / Chief	81	121		
	Lineman	145	162		
Substation	Technician	5	7		
	Construction & Maintenance (C&M)	51	64		
<b>Total</b>		<b>282</b>	<b>354</b>		

Met-Ed 2014					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	52	50		
	Lineman	173	171		
Substation	Technician	15	15		
	Construction & Maintenance (C&M)	59	58		
<b>Total</b>		<b>299</b>	<b>294</b>		

<sup>10</sup> On April 14, 2014 the lockout of members of Utilities Workers Union of America (UWUA) Local 180 at its Penelec subsidiary ended.

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

*Section 57.195(e)(10): Quarterly and year-to-date information on contractor hours and dollars for transmission and distribution operation and maintenance.*

### *Contractor Expenditures*

This portion of the report is confidential per Docket L-00301061.

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

*Section 57.195(e)(11): Monthly call-out acceptance rate for transmission and distribution maintenance workers presented in terms of both the percentage of accepted calls-out and the amount of time it takes the EDC to obtain the necessary personnel. A brief description of the EDC's call-out procedure should be included when appropriate.*

### *Call-out Acceptance Rate*

This portion of the report is confidential per Docket L-00301061.

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

*Call-out Response*

This portion of the report is confidential per Docket L-00301061.

ATTACHMENT A

Worst Performing Circuits - Reliability Indices

RECEIVED

AUG 04 2014

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

Penn Power													
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Mercer	W-129	Clark	1,618	77	0	820,881	3,175	5.15	507.34	1.96	258.55	1.17
2	Stoneboro	W-132	Clark	1,071	89	0	791,849	2,896	4.97	739.35	2.70	273.43	2.66
3	Bessemer	D-394	New Castle	1,159	28	0	600,728	3,054	3.77	518.32	2.64	196.70	4.68
4	Stoneboro	W-131	Clark	1,427	79	0	527,396	1,831	3.31	369.58	1.28	288.04	5.95
5	Jamestown	W-162	Clark	1,040	41	0	526,070	2,026	3.30	505.84	1.95	259.66	0.54
6	Hartstown	W-126	Clark	2,161	70	0	427,826	2,960	2.68	197.98	1.37	144.54	13.59
7	Castlewood	D-325	New Castle	1,053	33	0	396,337	1,453	2.49	376.39	1.38	272.77	1.79
8	Thompson Run	D-550	Zelienople	1,008	36	0	387,371	3,095	2.43	384.3	3.07	125.16	0.37
9	Castlewood	D-326	New Castle	1,082	48	0	371,853	1,861	2.33	343.67	1.72	199.81	0

Penelec													
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Union City	00206-43	Erie	3,766	136	0	1,712,627	12,674	2.94	455	3.37	135	11.29
2	Madera	00166-22	Philipsburg	2,521	59	1	1,126,186	10,610	1.93	447	4.21	106	4.75
3	Edinboro	00420-34	Erie	1,576	40	2	1,022,118	7,867	1.76	649	4.99	130	9.26
4	Springboro	00237-52	Meadville	2,817	77	0	863,367	10,674	1.48	306	3.79	81	13.87
5	Saxton	00624-73	Altoona	620	8	0	829,959	1,039	1.43	1,339	1.68	799	2.63
6	Warren South	00220-41	Warren	2,956	77	0	777,450	5,015	1.34	263	1.70	155	5.42
7	Rolling Meadows	00310-31	Erie	3,604	34	2	732,877	10,524	1.26	203	2.92	70	7.67
8	French Road	00222-31	Erie	1,760	21	2	726,396	5,864	1.25	413	3.33	124	0.00
9	Cooper	00069-11	Johnstown	751	29	1	722,065	1,585	1.24	961	2.11	456	5.07
10	Erie South	00259-31	Erie	2,572	67	1	679,132	5,400	1.17	264	2.10	126	1.96
11	Central City West	00029-12	Somerset	1,499	17	1	667,964	3,498	1.15	446	2.33	191	3.05
12	Logan	00700-81	Lewistown	933	30	0	637,616	1,500	1.09	683	1.61	425	25.67
13	Madera	00165-22	Philipsburg	651	27	0	620,774	3,243	1.07	954	4.98	191	14.41
14	Marienville	00327-51	Oil City	746	24	1	545,599	1,971	0.94	731	2.64	277	5.06
15	Union City	00208-43	Erie	1,250	39	2	540,736	1,988	0.93	433	1.59	272	16.05
16	Logan	00701-81	Lewistown	1,408	24	2	538,920	6,591	0.93	383	4.68	82	8.58
17	Marienville	00328-51	Oil City	1,188	36	1	535,179	2,384	0.92	450	2.01	224	25.42
18	French Road	00223-31	Erie	2,078	25	3	509,536	11,775	0.87	245	5.67	43	2.25
19	Lake Como	00788-65	Montrose	617	24	1	478,721	2,280	0.82	776	3.70	210	18.76
20	Powell Avenue	00237-31	Erie	1,908	26	0	468,808	3,082	0.81	246	1.62	152	7.02
21	DuBois	00137-23	DuBois	2,906	60	0	467,031	4,172	0.80	161	1.44	112	4.06
22	Athens	00514-61	Towanda	797	27	1	465,676	2,754	0.80	584	3.46	169	3.03
23	Snakespring	00628-73	Altoona	984	22	2	457,012	1,960	0.78	464	1.99	233	8.43
24	Philipsburg	00162-22	Philipsburg	3,459	86	0	453,932	5,830	0.78	131	1.69	78	15.57
25	Elk Run	00622-23	DuBois	1,044	36	0	444,655	1,801	0.76	426	1.73	247	7.96
26	Edgewood	00097-13	Indiana	1,454	12	1	433,390	6,493	0.74	298	4.47	67	23.22
27	Tiffany	00435-65	Montrose	1,023	38	3	421,858	4,155	0.72	412	4.06	102	52.20
28	Mansfield	00558-63	Mansfield	716	35	0	421,255	2,066	0.72	588	2.89	204	16.13
29	Starruca	00744-65	Montrose	865	31	1	415,413	2,684	0.71	480	3.10	155	10.90
30	Glen Campbell	00680-21	Clearfield	457	28	0	409,482	1,574	0.70	896	3.44	260	3.01
31	Somerset	00030-12	Somerset	2,405	33	0	404,297	4,221	0.69	168	1.76	96	0.00

Penelec													
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
32	East Towanda	00525-62	Towanda	676	30	0	390,379	2,231	0.67	577	3.30	175	9.01
33	Carlisle Pike	00643-83	Shippensburg	3,131	27	0	385,705	4,812	0.66	123	1.54	80	1.48
34	Covington	00729-63	Mansfield	756	23	0	385,341	1,168	0.66	510	1.54	330	1.02
35	Birmingham	00168-22	Philipsburg	1,051	45	0	381,203	3,336	0.65	363	3.17	114	23.21
36	Page Road	00445-43	Erie	653	33	1	375,462	1,857	0.64	575	2.84	202	4.62
37	Brady Street	00136-23	DuBois	658	14	1	367,010	2,440	0.63	558	3.71	150	0.99
38	Tionesta Jct Sw Sta	00498-51	Oil City	1,102	39	0	357,143	2,898	0.61	324	2.63	123	5.44
39	Hooversville	00019-12	Somerset	1,634	34	0	356,685	3,776	0.61	218	2.31	94	3.97
40	Ralphton	00015-12	Somerset	1,140	33	2	352,605	2,917	0.61	309	2.56	121	22.06
41	Grandview	00354-51	Oil City	591	37	1	352,210	1,804	0.60	596	3.05	195	10.49
42	Mansfield	00559-63	Mansfield	547	23	1	347,310	1,342	0.60	635	2.45	259	8.02
43	Union City	00207-43	Erie	853	47	3	337,688	3,886	0.58	396	4.56	87	12.84
44	Titusville West	00395-51	Oil City	639	24	0	334,650	1,805	0.57	524	2.82	185	2.17
45	McConnellstown	00099-82	Altoona	778	19	2	332,413	1,631	0.57	427	2.10	204	6.29
46	Rockton Mountain	00138-21	Clearfield	497	22	0	329,445	1,727	0.57	663	3.47	191	12.99
47	Tionesta	00344-51	Oil City	529	11	0	323,149	744	0.55	611	1.41	434	1.09
48	Platea	00432-34	Erie	609	39	0	321,820	2,652	0.55	528	4.35	121	7.06
49	Buffalo Road	00201-31	Erie	766	31	0	308,666	1,113	0.53	403	1.45	277	6.34
50	Emlenton	00322-51	Oil City	459	23	0	308,279	1,385	0.53	672	3.02	223	1.54
51	Scalp Level	00031-11	Johnstown	1,202	30	0	300,723	3,685	0.52	250	3.07	82	10.20
52	Lenox	00755-65	Montrose	684	26	1	300,390	2,252	0.52	439	3.29	133	6.67
53	Mine 40	00277-11	Johnstown	476	5	0	299,494	991	0.51	629	2.08	302	4.11
54	Youngsville	00256-41	Warren	383	24	1	296,929	1,215	0.51	775	3.17	244	18.07
55	Huntingdon	00189-82	Altoona	502	3	1	295,258	3,619	0.51	588	7.21	82	14.28
56	Lowell Avenue	00518-31	Erie	980	22	0	292,429	1,396	0.50	298	1.42	209	8.65
57	Mount Union	00154-82	Lewistown	1,190	25	1	286,496	1,759	0.49	241	1.48	163	5.90
58	Timblin	00115-23	DuBois	664	17	3	285,612	3,452	0.49	430	5.20	83	25.71
59	East Hickory	00201-41	Warren	342	16	2	276,011	1,296	0.47	807	3.79	213	21.03
60	Punxsutawney	00625-23	DuBois	462	25	0	272,092	975	0.47	589	2.11	279	0.00
61	Downing Avenue	00570-31	Erie	763	15	1	271,807	1,059	0.47	356	1.39	257	1.11
62	Thompson	00436-65	Montrose	1,010	53	0	269,484	4,094	0.46	267	4.05	66	10.09
63	Hilltop	00048-11	Johnstown	2,159	18	0	267,121	4,249	0.46	124	1.97	63	6.97

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

Met-Ed													
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customer Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Birdsboro	00757-1	Reading	1,927	59	3	1,391,739	11,773	2.05	722.23	5.11	118.21	10.00
2	Newberry	00577-4	York	1,619	14	1	963,628	3,939	1.75	595.20	2.43	244.64	3.98
3	Birdsboro	00756-1	Reading	1,520	71	0	1,224,323	8,681	1.53	805.48	4.68	141.03	9.97
4	South Hamburg	00745-1	Reading	1,211	11	3	770,088	4,998	1.38	635.91	3.13	154.08	0.00
5	N. Bangor	00826-3	Easton	3,148	74	0	730,969	3,634	1.33	232.20	1.15	201.15	0.86
6	Ottsville	00661-3	Easton	668	40	1	730,132	2,604	1.33	1093.01	3.90	280.39	0.00
7	Shawnee	00895-3	Stroudsburg	3,433	63	1	660,358	4,411	1.20	192.36	1.28	149.71	0.85
8	Mountain	00744-4	Hanover	1,663	56	2	851,128	7,495	1.12	511.80	3.41	113.56	0.00
9	Tolna	00792-4	York	1,729	21	2	526,040	3,665	0.96	304.25	2.12	143.53	0.00
10	Birchwood	00624-3	Stroudsburg	2,006	43	3	763,679	9,370	0.95	380.70	3.66	81.50	6.97
11	Allen	00501-4	Hanover	1,483	46	2	512,688	4,399	0.93	345.71	2.97	116.55	19.97
12	N. Bangor	00813-3	Easton	1,336	25	0	490,851	1,952	0.89	367.40	1.46	251.46	0.00
13	Glendon	00819-3	Easton	1,236	6	1	482,156	1,971	0.88	390.09	1.59	244.63	0.00
14	Annaville	00743-2	Lebanon	1,139	29	0	453,752	3,317	0.82	398.38	2.91	136.80	2.99
15	Barto	00705-1	Boyertown	2,091	88	2	453,329	5,775	0.82	216.80	2.76	78.50	5.02
16	Crossroads	00728-4	York	1,111	35	0	412,862	1,529	0.75	371.61	1.38	270.02	0.00
17	Moselem	00782-1	Reading	2,419	18	2	404,361	5,045	0.73	167.16	2.09	80.15	10.00
18	Newberry	00576-4	York	1,782	76	0	388,915	4,058	0.71	218.25	2.28	95.84	3.41
19	Shawnee	00837-3	Stroudsburg	1,240	26	1	381,541	4,005	0.69	307.69	3.23	95.27	0.71
20	Hill	00737-4	York	2,203	33	0	377,568	2,386	0.69	171.39	1.08	158.24	15.05
21	Windsor	00795-4	York	1,031	41	1	360,925	2,274	0.66	350.07	2.21	158.72	0.00
22	Flying Hills	00777-1	Reading	1,610	51	0	353,046	2,043	0.64	219.28	1.27	172.81	14.18
23	Bern Church	00789-1	Reading	1,421	50	1	438,550	5,111	0.64	308.62	1.60	85.81	6.25

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

Met-Ed													
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customer Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
24	Birdsboro	00760-1	Reading	2,153	20	1	359,197	6,630	0.60	166.84	2.08	54.18	1.00
25	Taxville	00575-4	York	2,129	30	0	327,998	2,575	0.60	154.06	1.21	127.38	1.00
26	W. Boyertown	00715-1	Boyertown	1,665	29	1	324,078	3,998	0.59	194.64	2.40	81.06	0.00
27	Round Top	00585-4	Hanover	1,033	27	1	323,018	2,410	0.59	312.70	2.33	134.03	0.96
28	Bernville	00786-1	Reading	1,817	62	0	475,804	4,298	0.58	261.86	1.38	110.70	1.00
29	South Hamburg	00741-1	Reading	1,579	50	0	329,103	3,571	0.57	208.42	1.26	92.16	0.60
30	Mountain	00742-4	Hanover	1,435	27	1	499,818	4,930	0.56	348.31	2.43	101.38	1.00
31	Glendon	00818-3	Easton	1,292	4	1	300,384	2,377	0.55	232.50	1.84	126.37	0.38
32	Annaville	00741-2	Lebanon	952	24	1	290,788	1,690	0.53	305.45	1.78	172.06	1.00
33	Hill	00734-4	York	1,621	43	1	288,899	3,696	0.53	178.22	2.28	78.17	9.03
34	South Hamburg	00801-1	Reading	1,799	29	1	307,486	4,350	0.52	170.92	1.28	70.69	0.00
35	Pine Lane	00720-1	Boyertown	967	26	1	296,562	2,719	0.52	306.68	1.81	109.07	0.02
36	Lynnville	00748-1	Reading	1,182	33	0	285,350	2,654	0.49	241.41	1.24	107.52	0.00
37	Mt. Rose	00564-4	York	1,094	7	2	267,205	2,316	0.49	244.25	2.12	115.37	0.00
38	Crossroads	00729-4	York	743	30	5	262,205	3,596	0.48	352.90	4.84	72.92	2.99

ATTACHMENT B

Worst Performing Circuits – Remedial Actions

RECEIVED

AUG 04 2014

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

In addition to specific remedial efforts taken and planned for the worst performing 5% of circuits identified in 52 Pa Code § 57.195(e)(3), the Companies have identified circuits that have been on this list for one year or more, or in four out of six quarters, in accordance with the Stratified Management and Operations Audit Implementation Plan dated February 14, 2007, Recommendation XI-4 at Docket Number D-05MGT003.

Penn Power						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
1	Mercer	W-129	Performance was driven by trees/not preventable (73%) and trees off right-of way-tree (8%). Repair damage caused by tree	Complete	Apr-14	
2	Stoneboro	W-132	Performance was driven by trees off right-of way (25%), line failure (16%), lightning (16%) and trees on right-of way (16%). Repair damage caused by tree Repaired line failure Repair equipment failure Reliability job to install fuses	Complete Complete Complete Complete	Aug-13 Oct-13 May-14 Jun-14	
3	Bessemer	D-394	Performance was driven by overload (28%), lightning (17%), trees off right-of way-tree (16%) and line failure (16%). Repaired line failure Transferred load to reduce overload	Complete Complete	Jan-14 Jan-14	
4	Stoneboro	W-131	Performance was driven by trees off right-of way-tree (58%), equipment failure (13%) and trees off right-of way-limb (8%). Repair equipment failure Repair damage caused by tree Repair damage caused by tree Reliability job to install fuses	Complete Complete Complete Complete	May-13 May-13 May-14 Jun-14	
5	Jamestown	W-162	Performance was driven by line failure (33%), equipment failure (26%), trees off right-of way-tree (18%) and trees/not preventable (8%). The problem tree was removed and associated repairs were made at time of restoration Repair equipment failure Reliability job to install fuses	Complete Complete Complete	Nov-13 Feb-14 May-14	

Penn Power						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
6	Hartstown	W-126	<i>Performance was driven by trees off right-of way-tree (48%), lightning (14%), vehicle (12%) and animal (11%).</i>			
			Pole was replaced and equipment repaired	Complete	May-13	
			Repair damage caused by tree	Complete	Apr-14	
			Reliability job to install fuses	Complete	May-14	
7	Castlewood	D-325	<i>Performance was driven by trees off right-of way-tree (52%) and equipment failure (20%).</i>			
			Repair equipment failure	Complete	Nov-13	
			Repair damage caused by tree	Complete	May-14	
8	Thompson Run	D-550	<i>Performance was driven by vehicle (47%), trees off right-of way-limb (16%) and lightning (9%).</i>			
			Repair equipment failure	Complete	May-13	
			Pole was replaced and equipment repaired.	Complete	Mar-14	
			Repair damage caused by tree	Complete	Apr-14	
9	Castlewood	D-326	<i>Performance was driven by trees off right-of way-tree (46%), equipment failure (22%) and object contact with line (16%).</i>			
			Object removed and line repaired	Complete	Nov-13	
			Repair equipment failure	Complete	Nov-13	
			Repair damage caused by tree	Complete	May-14	
	Conneaut	W-173	<i>Performance was driven by trees on right-of way (72%) and trees off right-of way-tree (12%).</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-13	
			Reliability job to install fuses	Complete	Dec-13	

Penn Power						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Hickory	W-245	<i>Performance was driven by non-preventable trees (82%) and trees off right-of way-limb (15%).</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Forestry to trim circuit	Complete	Jun-13	
			Circuit reliability coordinator field review of circuit to identify visible equipment failures	Complete	Jun-13	
			Circuit Inspection	Complete	Jun-13	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-13	
			Reliability job to install recloser	Complete	Mar-14	
			Forestry to trim circuit	Complete	Feb-14	
	Hermitage	W-260	<i>Performance was driven by line failure (62%), trees/not preventable (16%) and lightning (6%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Circuit reliability coordinator field review of circuit to identify visible equipment failures	Complete	Mar-13	
			Circuit Inspection	Complete	Apr-13	
			Equipment that was damaged by wind was replaced at time of restoration	Complete	Jun-13	
			CEMI improvement project on the main feed of the circuit	Complete	Jul-13	
			Forestry to trim circuit	Complete	Nov-13	
			Reliability job to install fuses	Complete	Nov-13	
			Reliability job to install fuses	Complete	Feb-14	
			Forestry to trim circuit	Complete	Mar-14	
	Sharon	W-135	<i>Performance was driven by trees/not preventable (79%), trees off right-of way-limb (8%) and lightning (4%).</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Apr-13	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Nov-13	
			Reliability job to install fuses	Complete	Mar-14	
			Forestry to trim circuit	Complete	Mar-14	
	Stoneboro	W-130	<i>Performance was driven by trees on right-of way (49%), trees off right-of way-tree (32%) and lightning (7%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-13	
			Circuit reliability coordinator field review of circuit to identify visible equipment failures	Complete	Nov-13	
			CEMI improvement project on the main feed of the circuit	Complete	Jan-14	

Penelec							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
1	Union City	00206-43	<i>Performance was driven by damage from a equipment failure (54%) and non-preventable trees (29%).</i>				
			Repair damage caused by a tornado	Complete	May-13	1Q 2013	
			Repair damage caused by a tree	Complete	Jun-13	2Q 2013	
			Repair tree damage from a minor storm	Complete	Jul-13	3Q 2013	
			Repair equipment failure	Complete	Nov-13	4Q 2013	
			Repair equipment failure	Complete	Dec-13	1Q 2014	
2	Madera	00166-22	<i>Performance was driven by line failure (68%) and non-preventable trees (22%).</i>				
			Repair tree damage	Complete	Jan-13	2Q 2013	
			Repair tree damage	Complete	May-13	3Q 2013	
			Repair damage caused by trees during a storm	Complete	May-13	4Q 2013	
			Repair line failure	Complete	Nov-13	1Q 2014	
			Repair line failure	Complete	Jun-14	2Q 2014	
3	Edinboro	00420-34	<i>Performance was driven by a recloser operation, an unknown cause (49%) and equipment failure (29%).</i>				
			Replace fuse after lightning strike.	Complete	Apr-13		
			Restored recloser operation of unknown cause	Complete	Oct-13		
			Repair equipment failure	Complete	Jun-14		
4	Springboro	00237-52	<i>Performance was driven by non-preventable trees (53%) during a minor storm, equipment failure (34%) and line failure (11%).</i>				
			Repair equipment failure	Complete	Feb-13		
			Add additional protection per circuit coordination	Complete	Jun-13	2Q 2013	
			Repair damage caused by a tree	Complete	Jun-13	3Q 2013	
			Repair tree damage from minor storm	Complete	Oct-13	4Q 2013	
			Repair equipment failure	Complete	Dec-13	1Q 2014	
			Repair damage caused by trees during a storm	Complete	Mar-14	2Q 2014	
			Repair line failure	Complete	Jun-14		

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
5	Saxton	00624-73	<i>Performance was driven by non-preventable trees (72%) during a storm and equipment failure (19%).</i>			
			Repair damage caused by trees during a storm	Complete	Nov-13	
			Repair equipment failure	Complete	Jun-14	
6	Warren South	00220-41	<i>Performance was driven by non-preventable trees (34%) during a minor storm, wind (26%) and equipment failure (25%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 2Q 2014
			Repair damage caused by a vehicle	Complete	Mar-13	
			Repair damage caused by a tree	Complete	May-13	
			Repair damage caused by a tree	Complete	Oct-13	
			Repair damage caused by trees during a storm	Complete	Nov-13	
			Repair equipment failure	Complete	Apr-14	
			Repair pole and wire damage due to wind	Complete	Jun-14	
7	Rolling Meadows	00310-31	<i>Performance was driven by equipment failure (55%) during storms and line failure (35%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair equipment failure	Complete	Jan-13	
			Repair line failure	Complete	Feb-13	
			Repair equipment failure	Complete	Feb-13	
			Repair equipment failure	Complete	Mar-14	
			Repair line failure	Complete	Mar-14	
			Repair equipment failure	Complete	Apr-14	
8	French Road	00222-31	<i>Performance was driven by equipment failure (43%) and line failure (29%).</i>			
			Repair equipment damage	Complete	Oct-13	
			Repair line failure	Complete	Jun-14	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
9	Cooper	00069-11	<i>Performance was driven by non-preventable trees (90%).</i>			
			Repair damage caused by a tree	Complete	Jul-13	
			Repair damage caused by trees during a storm	Complete	Jun-14	
			Full cycle tree clearing	To be completed 2014		
			Circuit inspection	To be completed 2014		
10	Erie South	00259-31	<i>Performance was driven by line failure (42%) and equipment failure (39%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Add additional protection per circuit coordination	Complete	Jan-13	
			Repair damage caused by trees during a storm	Complete	Jan-13	
			Repair equipment failure	Complete	Mar-13	
			Repair damage caused by a vehicle	Complete	Apr-13	
			Repair line failure	Complete	Jul-13	
			Repair equipment failure	Complete	Dec-13	
			Repair line failure	Complete	Mar-14	
Full cycle tree clearing	To be completed 2014					
11	Central City West	00029-12	<i>Performance was driven by line failure (65%) and by a recloser operation of an unknown cause (28%).</i>			
			Restored recloser operation of unknown cause	Complete	Mar-14	
			Repair line failure	Complete	Jun-14	
12	Logan	00700-81	<i>Performance was driven by non-preventable trees (97%) during storms.</i>			1Q 2013 2Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair vehicle damage	Complete	May-13	
			Repair damage caused by trees during a storm	Complete	Nov-13	
			Repair damage caused by trees during a storm	Complete	Apr-14	
			Full cycle tree clearing	To be completed 2014		

Penelec							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
13	Madera	00165-22	<i>Performance was driven by equipment failure (30%), non-preventable trees (21%) and line failure (16%).</i>				1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Add additional protection per circuit coordination	Complete	Feb-13		
			Repair equipment failure	Complete	Apr-13		
			Repair damage caused by trees during a storm	Complete	May-13		
			Repair equipment failure	Complete	May-13		
			Circuit inspection	Complete	Aug-13		
			Repair equipment failure	Complete	May-14		
			Repair line failure	Complete	Jun-14		
14	Marienville	00327-51	<i>Performance was driven by line failure (26%), non-preventable trees (22%) and unknown cause (44%) during a minor storm.</i>				
			Repair damage caused by trees	Complete	Apr-13		
			Repair damage caused by trees	Complete	May-13		
			Repair damage caused by trees during a storm	Complete	Jun-13		
			Repair line failure	Complete	Jan-14		
			Restored switch operation of unknown cause during a storm	Complete	Jun-14		
15	Union City	00208-43	<i>Performance was driven by damage from line failure (74%) and equipment failure (35%).</i>				2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by a tree during a storm	Complete	Apr-13		
			Repair damage caused by a tornado	Complete	May-13		
			Add additional protection per circuit coordination	Complete	Dec-13		
			Repair equipment failure	Complete	Apr-14		
			Repair line failure	Complete	Jun-14		
16	Logan	00701-81	<i>Performance was driven by equipment failure (43%) and vehicle accident (39%).</i>				
			Repair damage caused by trees during a storm	Complete	Nov-13		
			Repair equipment failure	Complete	Feb-14		
			Repair damage caused by a vehicle	Complete	May-14		
			Full cycle tree clearing	To be completed 2014			

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
17	Marienville	00328-51	<i>Performance was driven by non-preventable trees (90%).</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by a tree	Complete	May-13	
			Repair damage caused by trees during a storm	Complete	Jun-13	
			Repair damage caused by a tree	Complete	Jul-13	
			Repair damage caused by trees during a storm	Complete	Jul-13	
			Repair damage caused by a tree	Complete	Apr-14	
			Full cycle tree clearing	To be completed 2014		
18	French Road	00223-31	<i>Performance was driven by equipment failure (49%), non-company human error (17%) and non-preventable trees (14%).</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by trees during a storm	Complete	Jan-13	
			Repair line failure	Complete	Jul-13	
			Repair damage caused by a tree	Complete	Sep-13	
			Repair equipment failure	Complete	Dec-13	
			Repair equipment failure	Complete	Jan-14	
19	Lake Como	00788-65	<i>Performance was driven by non-preventable trees (52%) and line failure (27%).</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair tree damage during a storm	Complete	Jan-13	
			Repair tree damage	Complete	Jul-13	
			Repair line failure	Complete	Jul-13	
			Repair damage caused by trees during a storm	Complete	Nov-13	
			Repair damage caused by trees during a storm	Complete	Jun-14	
20	Powell Avenue	00237-31	<i>Performance was driven by non-preventable trees (52%) and a recloser operation of an unknown cause (26%) during minor storm.</i>			
			Repair line failure	Complete	May-13	
			Repair damage caused by a vehicle	Complete	Jun-13	
			Restored recloser operation of unknown cause	Complete	Mar-14	
			Repair damage caused by trees during a storm	Complete	Jun-14	

Penelec							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
21	DuBois	00137-23	<i>Performance was driven by equipment failure (37%), non-preventable trees (26%), line failure (19%) and vehicle accident (11%).</i>				1Q 2013 2Q 2013 3Q 2013 4Q 2013 2Q 2014
			Repair damage caused by a tree	Complete	Mar-13		
			Repair equipment damage	Complete	Jun-13		
			Repair damage caused by a vehicle	Complete	Sep-13		
			Repair equipment failure	Complete	Mar-14		
			Repair line failure	Complete	May-14		
			Repair damage caused by trees during a storm	Complete	Jun-14		
22	Athens	00514-61	<i>Performance was driven by line failure (33%), equipment failure (25%), lightning (23%) and a vehicle accident (16%).</i>				
			Circuit inspection	Complete	Jun-13		
			Repair line failure	Complete	Oct-13		
			Repair damage caused by a vehicle	Complete	Jan-14		
			Repair equipment failure	Complete	Mar-14		
			Repair damage caused by lightning	Complete	Jun-14		
23	Snakespring	00628-73	<i>Performance was driven by equipment failure (67%) and non-preventable trees (24%) during a storm.</i>				
			Repair damage caused by lightning	Complete	May-13		
			Circuit inspection	Complete	Jun-13		
			Repair damage caused by trees during a storm	Complete	Jan-14		
			Repair equipment failure	Complete	Mar-14		
			Repair equipment failure	Complete	Jun-14		
24	Philpsburg	00162-22	<i>Performance was driven by equipment failure (51%), non-preventable trees (13%) during storm and vehicle accident (8%).</i>				1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by trees during a storm	Complete	May-13		
			Repair equipment failure	Complete	Jul-13		
			Repair equipment failure	Complete	Jul-13		
			Repair damage caused by a vehicle	Complete	Jan-14		
			Replace selected deteriorated equipment identified by circuit patrol	To be completed 2014			

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
25	Elk Run	00622-23	<i>Performance was driven by line failure (58%) and non-preventable trees (39%) during a storm.</i>			
			Repair damage caused by trees during a storm	Complete	Nov-13	
			Repair line failure	Complete	Dec-13	
			Repair damage caused by trees	Complete	Feb-14	
26	Edgewood	00097-13	<i>Performance was driven by line failure (49%), equipment failure (28%) and a recloser operation of a unknown cause (17%).</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Circuit Inspection	Complete	Jun-13	
			Repair equipment damage	Complete	Jul-13	
			Repair line damage	Complete	Jul-13	
			Add additional protection per circuit coordination	Complete	Jan-14	
Restored recloser operation of unknown cause	Complete	Jun-14				
27	Tiffany	00435-65	<i>Performance was driven by an unknown lockout (39%), line failure (34%) and non-company human error (17%).</i>			
			Restore unknown lockout	Complete	Jan-14	
			Repair line failure	Complete	Mar-14	
28	Mansfield	00558-63	<i>Performance was driven by equipment failure (61%) and line failure (36%).</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair line failure	Complete	Aug-13	
			Repair overload damage	Complete	Sep-13	
			Repair equipment failure	Complete	Dec-13	
			Repair line failure	Complete	Jan-14	
29	Starruca	00744-65	<i>Performance was driven by a vehicle accident (88%).</i>			
			Repair damage caused by a vehicle	Complete	Mar-14	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
30	Glen Campbell	00680-21	<i>Performance was driven by non-preventable trees (54%), equipment failure (23%) and lightning (15%).</i>			
			Repair damage caused by lightning	Complete	May-14	
			Repair damage caused by trees during a storm	Complete	Jun-14	
			Repair equipment failure	Complete	Jun-14	
			Circuit inspection	To be completed 2014		
31	Somerset	00030-12	<i>Performance was driven by equipment failure (72%) and line failure (17%).</i>			
			Repair equipment failure	Complete	Apr-14	
			Repair line failure	Complete	Apr-14	
			Repair equipment failure	Complete	May-14	
32	East Towanda	00525-62	<i>Performance was driven by line failure (37%), non-preventable trees (36%) and equipment failure (24%)</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair line failure	Complete	Jul-13	
			Repair equipment failure	Complete	Dec-13	
			Repair tree damage	Complete	Dec-13	
33	Carlisle Pike	00643-83	<i>Performance was driven by a recloser operation of an unknown cause (32%), animal contact (30%), equipment failure (23%) and lightning (15%).</i>			
			Repair equipment failure	Complete	Mar-14	
			Restored circuit breaker following animal contact	Complete	May-14	
			Repair damage caused by lightning	Complete	May-14	
			Restored recloser operation of unknown cause	Complete	Jun-14	
34	Covington	00729-63	<i>Performance was driven by non-preventable trees (67%) and line failure (30%) during a storm.</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by a vehicle	Complete	Jan-13	
			Repair line failure	Complete	Sep-13	
			Repair damage caused by trees during a storm	Complete	Sep-13	
			Repair line failure	Complete	May-14	
			Add additional protection per circuit coordination	To be completed 2014		
			Full cycle tree clearing	To be completed 2014		
			Circuit inspection	To be completed 2014		

Penelec							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
35	Birmingham	00168-22	<i>Performance was driven by line failure (50%), equipment failure (26%) and non-preventable trees (14%).</i>				2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by trees during a storm	Complete	Apr-13		
			Repair equipment failure	Complete	Jun-13		
			Repair line failure	Complete	Sep-13		
			Repair equipment failure	Complete	Sep-13		
			Repair damage caused by trees	Complete	Apr-14		
			Repair equipment failure	Complete	Apr-14		
36	Page Road	00445-43	<i>Performance was driven by line failure (66%) and non-preventable trees (16%).</i>				
			Repair tree damage	Complete	Jul-13		
			Repair line failure	Complete	May-14		
			Full cycle tree clearing	To be completed 2014			
37	Brady Street	00136-23	<i>Performance was driven by line failure (65%) and equipment failure (26%).</i>				
			Repair equipment failure	Complete	Sep-13		
			Repair line failure	Complete	May-14		
38	Tionesta Jct Sw Sta	00498-51	<i>Performance was driven by non-preventable trees (56%) and lightning (24%).</i>				1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair equipment damage	Complete	Jan-13		
			Repair equipment damage	Complete	Jun-13		
			Repair damage caused by trees during a storm	Complete	Nov-13		
			Install additional fault indicators	Complete	Jan-14		
			Repair damage caused by lightning	Complete	May-14		
			Repair damage caused by lightning	Complete	May-14		
			Off right-of-way tree trim identified by circuit patrol	To be completed 2014			
39	Hooversville	00019-12	<i>Performance was driven by equipment failure (58%) and non-preventable trees (37%).</i>				1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by a tree	Complete	Sep-13		
			Add additional protection per circuit coordination	Complete	Oct-13		
			Repair equipment failure	Complete	Dec-13		

Penelec							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
40	Ralphton	00015-12	<i>Performance was driven by non-preventable trees (66%) and a vehicle accident (17%).</i>				
			Repair damage caused by trees during a storm	Complete	Nov-13		
			Repair tree damage	Complete	Aug-13		
			Repair damage caused by a vehicle	Complete	Mar-14		
			Full cycle tree clearing	Complete	Mar-14		
			Circuit inspection	To be completed 2014			
41	Grandview	00354-51	<i>Performance was driven by non-preventable trees (46%) during a storm, line failure (27%) and a vehicle accident (18%).</i>				
			Repair damage caused by trees during a storm	Complete	Jul-13		
			Repair damage caused by trees during a storm	Complete	Nov-13		
			Repair damage caused by trees during a storm	Complete	Nov-13		
			Repair damage caused by a vehicle	Complete	Dec-13		
			Repair line failure	Complete	Jan-14		
42	Mansfield	00559-63	<i>Performance was driven by lightning (70%) and equipment failure (27%) during a storm.</i>				3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by lightning	Complete	Sep-13		
			Repair equipment damage	Complete	Sep-13		
			Repair equipment damage	Complete	Mar-14		
43	Union City	00207-43	<i>Performance was driven by damage non-preventable trees (35%), equipment failure (28%) and line failure (15%).</i>				2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by a vehicle	Complete	Mar-13		
			Repair damage caused by a tornado	Complete	May-13		
			Repair line failure	Complete	Jul-13		
			Repair equipment failure	Complete	Feb-14		
			Repair damage caused by trees during a storm	Complete	Apr-14		
			Full cycle tree clearing	To be completed 2014			
			Circuit inspection	To be completed 2014			

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
44	Titusville West	00395-51	<i>Performance was driven by non-preventable trees (69%) and lightning (14%).</i>			
			Repair tree damage	Complete	Jun-14	
			Repair damage caused by lightning	Complete	Jun-14	
			Repair damage caused by trees during a storm	Complete	Jun-14	
45	McConnellstown	00099-82	<i>Performance was driven by line failure (48%) and vehicle accident (31%).</i>			
			Repair damage caused by a vehicle	Complete	Mar-14	
			Repair line failure	Complete	Jun-14	
46	Rockton Mountain	00138-21	<i>Performance was driven by non-preventable trees (76%) during a storm and equipment failure (17%).</i>			
			Repair damage caused by trees during a storm	Complete	Apr-13	
			Repair damage caused by trees during a storm	Complete	Jun-13	
			Repair damage caused by a tree	Complete	Dec-13	
			Repair equipment failure	Complete	Feb-14	
			Full cycle tree clearing	To be completed 2014		
47	Tionesta	00344-51	<i>Performance was driven by non-preventable trees (58%) during a storm and a recloser operation from an unknown cause (36%).</i>			1Q 2013 4Q 2013 1Q 2014 2Q 2014
			Circuit inspection	Complete	Sep-13	
			Repair damage caused by trees during a storm	Complete	Nov-13	
			Repair damage caused by trees during a storm	Complete	Nov-13	
			TM patrolled line and restored recloser operation of unknown cause	Complete	Nov-13	
			Add additional protection per circuit coordination	Complete	Mar-14	
			Full cycle tree clearing	To be completed 2014		
48	Platea	00432-34	<i>Performance was driven by non-preventable trees (48%) and equipment failure (23%) during a storm.</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by trees during a storm	Complete	Jul-13	
			Repair equipment failure	Complete	Aug-13	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
49	Buffalo Road	00201-31	<i>Performance was driven by non-preventable trees (75%) during a storm and equipment failure (14%).</i>			
			Repair equipment failure	Complete	Sep-13	
			Repair damage caused by trees during a storm	Complete	Nov-13	
			Full cycle tree clearing	Complete	Mar-14	
			Circuit inspection	To be completed 2014		
50	Eminton	00322-51	<i>Performance was driven by non-preventable trees (79%) and equipment failure (19%).</i>			
			Repair damage caused by trees during a storm	Complete	Jul-13	
			Repair equipment failure	Complete	Jun-14	
			Repair damage caused by trees during a storm	Complete	Jun-14	
			Repair damage caused by trees during a storm	Complete	Jun-14	
51	Scalp Level	00031-11	<i>Performance was driven by equipment failure (77%) and animal contact (10%).</i>			
			Restored recloser operation caused by animal contact	Complete	Jul-13	
			Repair equipment failure	Complete	Mar-14	
			Repair equipment failure	Complete	Jun-14	
52	Lenox	00755-65	<i>Performance was driven by line failure (45%), a recloser operation of an unknown cause (32%) and non-preventable trees (16%).</i>			
			Repair line failure	Complete	Oct-13	
			Repair tree damage	Complete	Nov-13	
			Repair line failure	Complete	Feb-14	
			Restored recloser operation of unknown cause	Complete	Jun-14	
53	Mine 40	00277-11	<i>Performance was driven by a car pole accident (92%).</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Repair damage caused by a vehicle	Complete	Aug-13	
54	Youngsville	00256-41	<i>Performance was driven by non-preventable trees (71%) during a minor storm.</i>			
			Repair damage caused by trees during a storm	Complete	Nov-13	
			Repair damage caused by trees	Complete	Dec-13	
			Add additional protection per circuit coordination	Complete	Mar-14	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
55	Huntingdon	00189-82	<i>Performance was driven by overload (100%) during a minor storm.</i>			
			Restore circuit breaker from overload	Complete	Mar-14	
56	Lowell Avenue	00518-31	<i>Performance was driven by equipment failure (73%) and non-preventable trees (17%) during a storm.</i>			
			Repair equipment failure	Complete	Mar-14	
			Repair damage caused by trees during a storm	Complete	Apr-14	
57	Mount Union	00154-82	<i>Performance was driven by a vehicle accident (62%), non-preventable trees (18%) and equipment failure (14%).</i>			
			Repair damage caused by trees during a storm	Complete	Jun-13	
			Repair equipment failure	Complete	Jul-13	
			Repair damage caused by trees	Complete	Oct-13	
58	Timblin	00115-23	<i>Performance was driven by non-preventable trees (52%) during a storm and line failure (36%).</i>			
			Repair damage caused by trees during a storm	Complete	Apr-13	
			Repair line failure	Complete	Nov-13	
			Repair line failure	Complete	Jan-14	
			Add additional protection per circuit coordination	Complete	Apr-14	
			Repair damage caused by trees	Complete	Apr-14	
			Replace selected deteriorated equipment identified by circuit patrol	To be completed 2014		
			Full cycle tree clearing	To be completed 2014		
59	East Hickory	00201-41	<i>Performance was driven by non-preventable trees (83%) during a storm and a fuse operation of unknown cause (14%).</i>			
			Restored fuse operation of unknown cause	Complete	Nov-13	
			Repair damage caused by trees during a storm	Complete	Jun-14	
60	Punxsutawney	00625-23	<i>Performance was driven by line failure (83%) and equipment failure (11%).</i>			
			Repair line failure	Complete	Jul-13	
			Repair equipment failure	Complete	Mar-14	
			Repair line failure	Complete	Jun-14	

Penelec							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
61	Downing Avenue	00570-31	<i>Performance was driven by non-preventable trees (89%) during a storm.</i>				
			Repair damage caused by a vehicle	Complete	May-13		
			Repair damage caused by trees during a storm	Complete	Jun-14		
62	Thompson	00436-65	<i>Performance was driven by trees non-preventable (48%), a blown fuse of unknown cause (22%) and a vehicle accident (8%).</i>				1Q 2013 2Q 2013 1Q 2014 2Q 2014
			Repair damage caused by trees during a storm	Complete	Jun-13		
			Repair damage caused by trees	Complete	Sep-13		
			Repair damage caused by a vehicle	Complete	Jan-14		
			Restored fuse operation of unknown cause	Complete	Jan-14		
			Circuit inspection	To be completed 2014			
63	Hilltop	00048-11	<i>Performance was driven by equipment failure (51%) and line failure (45%).</i>				
			Repair line failure	Complete	Oct-13		
			Repair equipment damage	Complete	Oct-13		
	Union City	00425-43	<i>Performance was driven by damage from a tornado (97%).</i>				2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Repair damage caused by a tornado	Complete	May-13		
			Circuit inspection	To be completed 2014			
	East Pike	00095-13	<i>Performance was driven by equipment failure (92%) and line failure (4%) during minor storm.</i>				1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Repair equipment failure	Complete	May-13		
			Repair equipment failure	Complete	Oct-13		
			Repair line failure	Complete	Nov-13		
			Repair equipment failure	Complete	Jan-14		
			Install additional fault indicators	To be completed 2014			

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Seward	00075-11	<i>Performance was driven by non-preventable trees (45%) and line failure (45%) during minor storm.</i>			
			Add additional protection per circuit coordination	Complete	Mar-13	1Q 2013
			Repair line failure	Complete	May-13	2Q 2013
			Repair damage caused by trees during a storm	Complete	Jun-13	3Q 2013
			Replace selected deteriorated equipment identified by circuit patrol	Complete	Apr-14	4Q 2013 1Q 2014
	Williamsburg	00046-71	<i>Performance was driven by non-preventable trees (77%) during a storm and a vehicle accident (8%).</i>			
			Repair damage caused by trees during a storm	Complete	Jan-13	2Q 2013
			Repair vehicle damage	Complete	May-13	3Q 2013
			Repair damage caused by trees during a storm	Complete	Jun-13	4Q 2013
			Full cycle tree clearing	To be completed 2014		1Q 2014
	Corry East	00440-43	<i>Performance was driven by non-preventable trees (95%) during a storm.</i>			
			Repair damage caused by trees during a storm	Complete	May-13	1Q 2013
			Circuit inspection	Complete	Jun-13	2Q 2013
			Full cycle tree clearing	Complete	Oct-13	3Q 2013
			Add additional protection per circuit coordination	Complete	Feb-14	4Q 2013 1Q 2014
	Tunkhannock	00533-65	<i>Performance was driven by non-preventable trees (47%) and equipment failure (31%).</i>			
			Repair equipment damage	Complete	Apr-13	1Q 2013
			Repair tree damage	Complete	Apr-13	2Q 2013
			Repair tree damage	Complete	May-13	3Q 2013
			Full cycle tree clearing	Complete	Oct-13	4Q 2013
			Repair damage caused by overload	Complete	Feb-14	1Q 2014
	East Pike	00094-13	<i>Performance was driven by line failure (72%) during a minor storm and equipment failure (26%).</i>			
			Repair equipment failure	Complete	Jan-13	1Q 2013
			Repair line failure	Complete	May-13	2Q 2013
			Circuit inspection	Complete	Jun-13	3Q 2013
			Repair equipment failure	Complete	Jun-13	4Q 2013
			Repair line failure	Complete	Jul-13	1Q 2014

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Blairsville East	00080-13	<i>Performance was driven by non-preventable trees (68%) during a storm and equipment failure (21%).</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Add additional protection per circuit coordination	Complete	Apr-13	
			Repair damage caused by trees during a storm	Complete	May-13	
			Repair equipment failure	Complete	May-13	
			Repair damage caused by a tree during a storm	Complete	Jun-13	
			Repair equipment failure	Complete	Feb-14	
	Emlenton	00121-51	<i>Performance was driven by non-preventable trees (77%) and equipment failure (18%) during a storm.</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Repair damage caused by trees during a storm	Complete	Apr-13	
			Repair equipment damage	Complete	Apr-13	
			Repair damage caused by trees during a storm	Complete	Jun-13	
			Circuit inspection	Complete	Sep-13	
			Repair equipment failure	Complete	Jan-14	
	Falls	00297-65	<i>Performance was driven by non-preventable trees (62%) during a storm and equipment failure (24%).</i>			
			Repair damage caused by a tree	Complete	Apr-13	
			Repair damage caused by trees during a storm	Complete	Sep-13	
			Repair damage caused by overload	Complete	Feb-14	
			Add additional protection per circuit coordination	To be completed 2014		
	DuBois	00124-23	<i>Performance was driven by non-preventable trees (50%), flooding (18%), equipment failure (13%) and a car pole accident (14%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Repair equipment failure	Complete	Jan-13	
			Repair damage caused by trees during a storm	Complete	Jun-13	
			Repair equipment failure	Complete	Jun-13	
			Forced outage by EMA due to flooding	Complete	Jun-13	
			Repair vehicle damage	Complete	Nov-13	
			Repair damage caused by a tree	Complete	Dec-13	
			Targeted main line reliability equipment replacement	Complete	Dec-13	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	St. Benedict	00057-72	<i>Performance was driven by non-preventable trees (89%) during a storm.</i>			1Q 2013
			Repair equipment failure	Complete	Jan-13	2Q 2013
			Repair damage caused by trees during a storm	Complete	Jun-13	3Q 2013 4Q 2013 1Q 2014
	Edgewood	00089-13	<i>Performance was driven by a car pole accident (48%) and non-preventable trees (36%) during a storm.</i>			1Q 2013
			Full cycle tree clearing	Complete	Mar-13	3Q 2013
			Repair damage caused by a vehicle	Complete	Apr-13	4Q 2013
			Repair damage caused by trees during a storm	Complete	Aug-13	1Q 2014
	Waverly	00164-66	<i>Performance was driven by non-preventable trees (65%) and object in contact with line (32%) during a storm.</i>			
			Removed object in contact with line	Complete	Jun-13	
			Repair damage caused by trees during a storm	Complete	Sep-13	
			Add additional protection per circuit coordination	To be completed 2014		
			Full cycle tree clearing	To be completed 2014		
	Pittsburgh Avenue	00524-31	<i>Performance was driven by equipment failure (62%), animal contact (22%) and line failure (8%)</i>			
			Circuit inspection	Complete	Jul-13	1Q 2013
			Restored circuit breaker following animal contact	Complete	Oct-13	2Q 2013
			Repair equipment damage	Complete	Oct-13	4Q 2013
			Repair line failure	Complete	Jan-14	1Q 2014
			Add additional protection per circuit coordination	To be completed 2014		
	Viscose Hill	00116-81	<i>Performance was driven by non-preventable trees (97%) during a storm.</i>			
			Add additional protection per circuit coordination	Complete	Jun-13	
			Repair damage caused by trees	Complete	Jul-13	
			Full cycle tree clearing	Complete	May-14	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Timblin	00103-23	<i>Performance was driven by equipment failure (40%), non-preventable trees (13%) and car pole accidents (9%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013
			Repair equipment failure	Complete	Jun-13	
			Repair damage caused by a tree	Complete	Jul-13	
			Circuit inspection	Complete	Sep-13	
			Repair damage caused by a vehicle	Complete	Nov-13	
			Install additional fault indicators	Complete	May-14	
			Full cycle tree clearing	To be completed 2014		
	Ereigh	00951-22	<i>Performance was driven by a car pole accident (96%).</i>			
			Repair damage caused by a vehicle	Complete	Dec-13	
			Add additional protection per circuit coordination	Complete	Apr-14	
			Circuit inspection	To be completed 2014		
	Shawville	00151-21	<i>Performance was driven by lightning (33%) and equipment failure (23%) during a storm.</i>			
			Circuit inspection	Complete	Aug-13	
			Repair equipment damage	Complete	Oct-13	
			Add additional protection per circuit coordination	Complete	Dec-13	
			Full cycle tree clearing	To be completed 2014		
	Belleville	00124-81	<i>Performance was driven by equipment failure (72%) during a storm and a recloser operation unknown cause(17%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013
			Repair equipment failure	Complete	Jan-13	
			Add additional protection per circuit coordination	Complete	May-13	
			Restored recloser operation of unknown cause	Complete	Sep-13	
	Madera	00147-22	<i>Performance was driven by non-preventable trees (66%) during a storm and equipment failure (21%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013
			Repair damage caused by trees during a storm	Complete	Jan-13	
			Repair damage caused by trees during a storm	Complete	May-13	
			Repair equipment failure	Complete	Aug-13	
			Add additional protection per circuit coordination	Complete	Oct-13	
	Main Street	00675-63	<i>Performance was driven by a recloser operation unknown cause (93%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013
			TM patrolled whole circuit and restored recloser operation of unknown cause	Complete	Feb-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
1	Birdsboro	00757-1	<i>Performance was driven by trees non-preventable (53%) and equipment failures (29%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Proactive every other month main line forestry inspection	Complete	Feb-13	
			Spot tree trimming and removals	Complete	Mar-13	
			Replace additional main line crossarms from assessment	Complete	Apr-13	
			Proactive every other month main line forestry inspection	Complete	Jun-13	
			Comprehensive circuit patrol	Complete	Jun-13	
			Spot tree trimming and removals	Complete	Aug-13	
			Proactive every other month main line forestry inspection	Complete	Sep-13	
			Spot tree trimming and removals	Complete	Oct-13	
			Main line crossarm repairs from comprehensive circuit patrol	Complete	Mar-14	
			Spot forestry inspection	Complete	Jun-14	
			Comprehensive tree trimming	To be completed in 2014		
			Upgrade main line recloser	To be completed in 2014		
			Install new main line recloser	To be completed in 2014		
			Install remote operated main line switches	To be completed in 2014		
2	Newberry	00577-4	<i>Performance was driven by trees non-preventable (67%) and equipment failure (32%).</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Comprehensive circuit assessment	Complete	Jan-14	
			Perform accelerated backbone, three phase circuit and single phase circuit assessment.	Complete	Jan-14	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Apr-14	
			Replace/repair high priority items identified during circuit patrol	To be completed in 2014		
			Comprehensive tree trimming	To be completed in 2014		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
3	Birdsboro	00756-1	<i>Performance was driven by trees non-preventable (45%) and equipment failures (40%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Proactive every other month main line forestry inspection	Complete	Feb-13	
			Spot tree trimming and removals	Complete	Mar-13	
			Install main line tap fuse and fault indicators	Complete	May-13	
			Comprehensive circuit patrol	Complete	Jun-13	
			Proactive every other month main line forestry inspection	Complete	Jun-13	
			Main line crossarm brace repair from comprehensive circuit patrol	Complete	Jun-13	
			Main line pole top repair from comprehensive circuit patrol	Complete	Jun-13	
			Spot tree trimming and removals	Complete	Aug-13	
			Proactive every other month main line forestry inspection	Complete	Sep-13	
			Spot tree trimming and removals	Complete	Oct-13	
			Upgrade main line recloser and customer re-distribution project	Complete	Oct-13	
			Replace main line crossarm from assessment	Complete	Oct-13	
			Perform accelerated backbone and three phase assessment	Complete	Dec-13	
			Install additional main line recloser	Complete	Jan-14	
			Install additional main line fault indicators	Complete	Jan-14	
			Perform accelerated backbone and three phase assessment	Complete	Mar-14	
			Comprehensive tree trimming	Complete	Apr-14	
			Main line arrester repairs from comprehensive circuit patrol	Complete	May-14	
			Main line switch arrester repairs from assessment	To be completed in 2014		
Upgrade additional main line recloser	To be completed in 2014					
Install additional main line tap fusing	To be completed in 2014					
4	South Hamburg	00745-1	<i>Performance was driven by a line failure (58%) and animal-caused outages (39%).</i>			
			Comprehensive circuit assessment	Complete	Aug-13	
			Perform accelerated backbone and three phase assessment	Complete	Dec-13	
			Substation equipment repairs	Complete	Dec-13	
			Install animal protection at tie switch	Complete	Feb-14	
			Replace spacers in main line from assessment	Complete	Apr-14	
Replace main line crossarm from assessment	To be completed in 2014					

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
5	N. Bangor	00826-3	<i>Performance was driven by equipment failure (74%) and non-preventable trees (11%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Replace porcelain cutouts on circuit backbone with polymer cutouts	Complete	Apr-13	
			Replace sectionalizer with SCADA MOAB	Complete	Jun-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Oct-13	
			Install single phase tie switch	Complete	Apr-14	
			Perform wood pole inspection	Complete	Apr-14	
			Replace 10 poles identified during wood pole inspection	Complete	Jun-14	
			Replace remaining poles identified during wood pole inspection	To be completed in 2014		
			Comprehensive tree trimming	To be completed in 2014		
6	Ottsville	00661-3	<i>Performance was driven by non-preventable trees (62%) and line failure (31%).</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Comprehensive tree trimming	Complete	Dec-13	
			Perform wood pole inspection	Complete	Mar-14	
			Install additional tap fuses	To be completed in 2014		
7	Shawnee	00895-3	<i>Performance was driven by equipment failure (64%) and non-preventable trees (25%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Replace porcelain cutouts on recloser backbone with polymer cutouts	Complete	May-13	
			Install additional Supervisory Control And Data Acquisition (SCADA) switch	Complete	Jul-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Oct-13	
			Upgrade step transformer	Complete	May-14	
			Replace switch	Complete	Apr-14	
8	Mountain	00744-4	<i>Performance driven by trees on right-of way (77%) and equipment failure (17%).</i>			1Q 2013 2Q 2013 4Q 2013 1Q 2014 2Q 2014
			Perform accelerated backbone and three phase circuit assessment	Complete	Oct-13	
			Comprehensive tree trimming	Complete	Jun-14	
9	Toina	00792-4	<i>Performance was driven by vehicle accidents (97%).</i>			
			Perform accelerated backbone, three phase and single phase circuit assessment.	Complete	Feb-14	
			Forestry to perform off cycle comprehensive circuit tree patrol	To be completed in 2014		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
10	Birchwood	00624-3	<i>Performance was driven by equipment failure (35%), vehicle accidents (30%), line failure (17%) and forced outages (16%).</i>			
			Replace switch	Complete	Feb-14	
			Replace tie switch	Complete	May-14	
			Install fault indicators	Complete	Jul-14	
			Replace recloser	To be completed in 2014		
			Comprehensive circuit patrol	To be completed in 2014		
			Comprehensive tree trimming	To be completed in 2014		
11	Allen	00501-4	<i>Performance driven by vehicle accidents (58%) and equipment failure while emergency backfeeding an adjacent circuit (34%).</i>			
			Replaced 13 poles identified during the pole inspection	Complete	May-13	
12	N. Bangor	00813-3	<i>Performance was driven by vehicle accidents (67%) and non-preventable trees (26%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 2Q 2014
			Install new electronic recloser	Complete	Sep-13	
			Mid-cycle backbone and three phase forestry inspection	To be completed in 2014		
13	Glendon	00819-3	<i>Performance was driven by vehicle accidents (96%).</i>			
			Replace pole damaged by accident and remove slack span	Complete	Apr-14	
14	Annville	00743-2	<i>Performance was driven by non-preventable trees (62%)</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Complete comprehensive circuit patrol	Complete	Jan-13	
			Replace broken switch	Complete	Jul-13	
			Replace crossarm	Complete	Jan-14	
			Replace crossarm	Complete	Jan-14	
			Replace pole	Complete	Jan-14	
			Mid-cycle backbone and three phase forestry inspection	To be completed in 2014		
15	Barto	00705-1	<i>Performance was driven by line failure (35%), equipment failure (25%) and trees non-preventable (22%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Spot forestry inspection	Complete	Apr-13	
			Perform accelerated backbone assessment	Complete	Sep-13	
			Replace main line crossarm from assessment	Complete	Sep-13	
			Mid-cycle backbone and three phase forestry inspection	Complete	Apr-14	
			Spot forestry inspection	Complete	Jun-14	
			Complete engineering circuit configuration review	To be completed in 2014		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
16	Crossroads	00728-4	<i>Performance was driven by an unknown outage during a lightning storm (53%) and trees non-preventable (29%).</i>			
			Perform accelerated backbone assessment	Complete	Nov-13	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Mar-14	
			Tree trimming identified during off cycle circuit tree patrol	Complete	May-14	
			Replaced six poles on the circuit	Complete	Jun-14	
17	Moselem	00782-1	<i>Performance driven by equipment failure (80%) and forced outage (11%) due to a vehicle accident.</i>			
			Complete engineering circuit configuration review	To be completed in 2014		
18	Newberry	00576-4	<i>Performance was driven by trees non-preventable (54%).</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Perform accelerated backbone, three phase and single phase circuit assessment.	Complete	Jan-14	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Mar-14	
			Tree trimming identified during off cycle circuit tree patrol	Complete	Mar-14	
			Comprehensive tree trimming	To be completed in 2014		
Replace/repair high priority items identified during circuit patrol	To be completed in 2014					
19	Shawnee	00837-3	<i>Performance was driven by trees non-preventable (85%).</i>			
			Comprehensive circuit assessment	Complete	Mar-13	
			Replace cutout identified during circuit assessment	Complete	Mar-13	
			Replace sectionalizer with Supervisory Control And Data Acquisition (SCADA MOAB)	Complete	Apr-14	
			Mid-cycle backbone and three phase forestry inspection	To be completed in 2014		
20	Hill	00737-4	<i>Performance was driven by vehicle accidents (85%).</i>			
			Comprehensive circuit assessment	Complete	Oct-13	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Mar-14	
			Tree trimming identified during off cycle circuit tree patrol	Complete	Apr-14	
			Provide additional tie capacity on the circuit	To be completed in 2014		
			Replace/repair high priority items identified during circuit patrol	To be completed in 2014		
21	Windsor	00795-4	<i>Performance was driven by lightning (54%) and equipment failure (21%).</i>			1Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Perform accelerated circuit reliability assessment of three phase	Complete	Apr-13	
			Perform accelerated circuit reliability assessment of single phase	Complete	Apr-13	
			Perform accelerated circuit reliability assessment of backbone	Complete	Apr-13	
			Replace/repair high priority items identified during circuit patrol	Complete	Jul-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
22	Flying Hills	00777-1	<i>Performance was driven by line failure (36%), trees preventable (24%) and trees non-preventable (16%).</i> Mid-cycle backbone and three phase forestry inspection	Complete	Apr-14	
23	Bern Church	00789-1	<i>Performance was driven by trees non-preventable (48%), line failure (19%) and a substation equipment problem (18%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13	
			Install additional main line fault indicators	Complete	Dec-13	
			Repair main line ridge pins from assessment	Complete	Mar-14	
			Complete engineering for substation relay upgrade	Complete	Mar-14	
			Perform wood pole inspection	Complete	Jun-14	
			Comprehensive tree trimming	To be completed in 2014		
Upgrade substation relays	To be completed in 2014					
24	Birdsboro	00760-1	<i>Performance was driven by equipment failure (40%) and trees preventable (34%).</i>			
			Complete comprehensive circuit patrol	Complete	May-13	
			Complete engineering circuit configuration review	To be completed in 2014		
			Comprehensive tree trimming	To be completed in 2014		
25	Taxville	00575-4	<i>Performance was driven by equipment failure (86%).</i>			
			Comprehensive tree trimming	Complete	May-13	
26	W. Boyertown	00715-1	<i>Performance was driven by equipment failure (80%).</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Replace main line regulator	Complete	Apr-13	
			Replace submersible transformer with pad mounted transformer	Complete	Jun-13	
			Replace additional submersible transformer with pad mounted transformer	Complete	Jul-13	
			Install main line tap fuses	Complete	May-14	
			Perform wood pole inspection	Complete	Jun-14	
			Replace poles identified during wood pole inspection	Complete	Jul-14	
Replace remaining poles identified during wood pole inspection	To be completed in 2014					
27	Roundtop	00585-4	<i>Performance driven by equipment failures (97%).</i>			
			Install three single electronic re-settable sectionalizers to improve circuit backbone reliability	Complete	May-13	
			Perform main line circuit assessment	Complete	Sep-13	
			Perform three phase circuit assessment	Complete	Sep-13	
			Perform single phase circuit assessment	Complete	Sep-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
28	Bernville	00786-1	<i>Performance was driven by equipment failure (54%) and trees preventable (16%).</i>			
			Perform wood pole inspection	Complete	Mar-13	
			Replace poles identified during wood pole inspection	Complete	May-13	
			Install additional main line fault indicators	Complete	Jul-13	
			Comprehensive tree trimming	Complete	Oct-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Oct-13	
29	South Hamburg	00741-1	<i>Performance driven by vehicle accidents (34%), equipment failure (19%) and line failure (14%).</i>			
			Comprehensive circuit assessment	Complete	Aug-13	
			Replace main line crossarm from assessment	Complete	Aug-13	
			Perform accelerated backbone and three phase assessment	Complete	Dec-13	
			Replace main line crossarm from assessment	Complete	Dec-13	
			Replace main line crossarms from assessment	To be completed in 2014		
30	Mountain	00742-4	<i>Performance driven by equipment failure (52%) and trees on right-of way (42%).</i>			
			Perform accelerated circuit reliability assessment of main line	Complete	Oct-13	
			Perform accelerated circuit reliability assessment of three phase	Complete	Oct-13	
			Perform off cycle tree trimming Rockledge Road area	Complete	Oct-13	
			Complete engineering circuit configuration review	To be completed in 2014		
			Comprehensive tree trimming	To be completed in 2014		
31	Glendon	00818-3	<i>Performance was driven by vehicle accidents (73%) and forced outages (27%).</i>			
			No additional actions are planned for 2014.			
32	Annville	00741-2	<i>Performance was driven by non-preventable trees (65%).</i>			
			Comprehensive circuit assessment	Complete	Feb-13	
			Replace cutout	Complete	Jun-13	
			Spot forestry inspection	To be completed in 2014		
33	Hill	00734-4	<i>Performance was driven by trees non-preventable (74%).</i>			
			Perform accelerated three phase assessment	Complete	Oct-13	
			Perform accelerated single phase assessment	Complete	Nov-13	
			Perform accelerated backbone assessment	Complete	Oct-13	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Mar-14	
			Tree trimming identified during off cycle circuit tree patrol	Complete	Apr-14	
			Replace/repair high priority items identified during circuit patrol	To be completed in 2014		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
34	South Hamburg	00801-1	<i>Performance was driven by equipment failure (84%).</i>			
			Comprehensive circuit assessment	Complete	Apr-13	
			Replace crossarm from assessment	Complete	Nov-13	
			Replace main line insulator	Complete	Feb-14	
			Replace arrester from assessment	To be completed in 2014		
			Replace crossarm brace from assessment	To be completed in 2014		
			Replace crossarms from assessment	To be completed in 2014		
			Complete engineering circuit configuration review	To be completed in 2014		
35	Pine Lane	00720-1	<i>Performance driven by a vehicle accident (56%) and trees non-preventable (24%).</i>			
			Spot forestry inspection	Complete	Feb-13	
			Spot forestry inspection	Complete	Aug-13	
			Replace main line porcelain cutouts with polymer cutouts	To be completed in 2014		
36	Lynnville	00748-1	<i>Performance driven by trees non-preventable (40%), equipment failure (14%) and line failure (11%).</i>			
			Install additional tap fusing	Complete	May-13	
			Comprehensive tree trimming	Complete	Dec-13	
37	Mt. Rose	00564-4	<i>Performance was driven by trees non-preventable (75%).</i>			3Q 2013 4Q 2013 1Q 2014 2Q 2014
			Perform accelerated backbone and three phase circuit assessment	Complete	Jan-14	
			Comprehensive tree trimming	Complete	Mar-14	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Jun-14	
38	Crossroads	00729-4	<i>Performance was driven by an unknown outage during a snowice storm (55%).</i>			
			Perform accelerated backbone assessment	Complete	Nov-13	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Mar-14	
			Tree trimming identified during off cycle circuit tree patrol	Complete	Apr-14	
			Upgrade electronic recloser on the circuit to a triple single recloser	Complete	Apr-14	
	Flying Hills	00776-1	<i>Performance was driven by underground line failure (65%) and a vehicle accident (26%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Spot tree trimming and removals (Freemansville Road)	Complete	May-13	
			Replace underground cable in Flying Hills URD	Complete	Aug-13	
			Install additional set of main line disconnects	Complete	Aug-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13	
			Spot tree removal Hickory Rd	Complete	Sep-13	
			Mid-cycle backbone and three phase forestry inspection	Complete	Mar-14	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Leesport	00811-1	<i>Performance was driven by vehicle accidents (55%) and equipment failure (45%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Replace additional main line crossarm from assessment	Complete	Apr-13	
			Replace main line crossarm brace from assessment	Complete	Apr-13	
			Replace tap insulator from comprehensive circuit patrol	Complete	Apr-13	
			Complete comprehensive circuit patrol	Complete	May-13	
			Complete work request design for new main line recloser	Complete	Aug-13	
			Install fuse/bypass on main line	Complete	Oct-13	
			Install main line arresters	Complete	Oct-13	
			Install additional main line recloser	Complete	Nov-13	
			Main line pole top repair from comprehensive circuit patrol	To be completed in 2014		
	Main line crossarm repair from comprehensive circuit patrol	To be completed in 2014				
	Straban	00676-4	<i>Performance was driven by trees non-preventable (73%) and animal contacts (15%).</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Perform partial accelerated circuit reliability assessment of main line	Complete	Jun-13	
			Perform partial accelerated circuit reliability assessment of three phase	Complete	Jun-13	
			Perform switch maintenance on two gang operated air break switches	Complete	Jul-13	
			Perform partial accelerated circuit reliability assessment of three phase	Complete	Jul-13	
			Comprehensive tree trimming	Complete	Jul-13	
			Replace one crossarm identified on partial main line assessment	Complete	Jul-13	
	Perform circuit reconfiguration to improve circuit reliability	To be completed 2014				
	Snydersville	00621-3	<i>Performance was driven by equipment failure (91%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013
			Perform accelerated backbone and three phase assessment	Complete	Oct-13	
			Replace substation recloser and add remote control	Complete	Oct-13	
			Correct fuse coordination	Complete	Dec-13	
			Comprehensive tree trimming	To be completed in 2014		
	Broad Street	00776-2	<i>Performance was driven by equipment failure and vehicle accident (70%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013
			Replace underground cable - seven spans	Complete	Feb-13	
			Repair broken switch - 77666	Complete	Aug-13	
			Install additional main line recloser	To be completed in 2014		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Tolna	00793-4	<i>Performance was driven by object (roof) contacting line (75%).</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Replace/repair high priority items identified during circuit patrol	Complete	Aug-13	
			Perform accelerated backbone, three phase, and single phase circuit assessment.	Complete	Feb-14	
			Replace/repair high priority items identified during circuit patrol	Complete	Mar-14	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	May-14	
			Tree trimming identified during off cycle circuit tree patrol	Complete	May-14	
	S. Nazareth	00809-3	<i>Performance was driven by trees non-preventable (37%), lightning (15%) and vehicle accident (14%).</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Perform accelerated backbone and three phase circuit assessment	Complete	Dec-13	
			Install fault indicators	Complete	Dec-13	
			Perform wood pole inspection	Complete	Mar-14	
			Replace main line crossarm from assessment	Complete	Jun-14	
			Replace poles identified during wood pole inspection	Complete	Jun-14	
		Install additional Supervisory Control And Data Acquisition (SCADA) switch	Complete	Jul-14		
	Fox Hill	00816-3	<i>Performance was driven by equipment failure (59%) and trees non-preventable (20%).</i>			2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Replace porcelain cutouts on backbone with polyomer	Complete	Oct-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Oct-13	
			Replace crossarms identified during circuit assessment	Complete	Jan-14	
			Comprehensive circuit assessment	Complete	Apr-14	
			Forestry to perform mid-cycle inspection	To be completed in 2014		
	Shawnee	00860-3	<i>Performance was driven by trees non-preventable (81%).</i>			1Q 2013 2Q 2013 3Q 2013 4Q 2013 1Q 2014
			Comprehensive tree trimming	Complete	Apr-13	
			Replace sectionalizer with Supervisory Control And Data Acquisition (SCADA MOAB)	Complete	Aug-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Oct-13	
			Replace sectionalizer with Supervisory Control And Data Acquisition (SCADA MOAB)	Complete	Mar-14	
	Bath	00873-3	<i>Performance was driven by vehicle accidents (71%).</i>			
			Replace porcelain cutouts on circuit backbone with polymer cutouts	Complete	Sep-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Oct-13	
			Comprehensive tree trimming	Complete	May-14	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Dillsburg	00748-4	<i>Performance was driven by trees non-preventable (63%) and equipment failure (20%).</i>			
			Perform radio controlled tie switch inspection	Complete	Aug-13	
			Install three one phase electronic resettable sectionalizers to improve circuit backbone reliability	Complete	Sep-13	
			Comprehensive tree trimming	Complete	May-14	
	Ferndale	00871-3	<i>Performance was driven by trees non-preventable (53%) and a vehicle accident (20%).</i>			
			Install Supervisory Control And Data Acquisition (SCADA) controlled switch	To be completed in 2014		
	Hokes	00587-4	<i>Performance was driven by trees non-preventable (55%).</i>			
			Replace/repair high priority items identified during circuit patrol	Complete	Mar-13	
			Install additional animal guarding to protect the circuit three phase	Complete	Oct-13	
			Comprehensive circuit assessment	Complete	Apr-14	
			Comprehensive tree trimming	To be completed in 2014		
			Install additional fuse to protect the circuit backbone	To be completed in 2014		
	Hamilton	00789-4	<i>Performance was driven by equipment failure (70%), vehicle accidents (16%), and trees non-preventable (8%).</i>			
			Perform accelerated circuit reliability assessment of main line	Complete	Nov-13	
			Comprehensive tree trimming	To be completed in 2014		
	Lincoln Park	00750-1	<i>Performance was driven by underground line failure (55%) and vehicle accidents (34%).</i>			
			Replace underground cable in Grove Ave underground residential development	Complete	Aug-13	
			Create back feed to Grove Ave underground residential development	Complete	Aug-13	
			Install main line fault indicators	Complete	Apr-14	
			Install main line tap fuses	Complete	May-14	
			Comprehensive circuit assessment	Complete	Apr-14	
			Comprehensive tree trimming	To be completed in 2014		
	North Lebanon	00712-2	<i>Performance was driven by vehicle accidents (76%).</i>			
			Replace Broken Switch 71216	Complete	Apr-13	
			Replace deteriorated crossarm	Complete	Jul-13	
			Replace recloser and control with triple single unit	Complete	Aug-13	
			Perform accelerated backbone circuit assessment	Complete	Oct-13	
			Comprehensive tree trimming	Complete	Nov-13	
			Comprehensive circuit assessment	Complete	May-14	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Northwood	00808-3	<i>Performance was driven by equipment failure (72%) and line failure (26%).</i>			
			Perform accelerated backbone and three phase circuit assessment	Complete	Jan-14	
			Comprehensive tree trimming	Complete	May-14	
			Replace sectionalizer with Supervisory Control And Data Acquisition (SCADA MOAB)	To be completed in 2014		
	Birchwood	00623-3	<i>Performance was driven by equipment failure (65%).</i>			
			Comprehensive circuit assessment	To be completed 2014		
			Comprehensive tree trimming	To be completed 2014		
	Wind Gap	00600-3	<i>Performance was driven by vehicle accidents (66%) and animals (20%).</i>			
			Comprehensive circuit assessment	Complete	Mar-14	
			Install new electronic recloser	Complete	May-14	
	Lynnville	00735-1	<i>Performance was driven by insulator problem (62%) and non-preventable tree outages (17%).</i>			
			Main line insulator repair	Complete	Feb-13	
			Comprehensive tree trimming	Complete	Nov-13	
			Comprehensive circuit patrol	Complete	Jan-14	
			Install additional main line disconnects	To be completed 2014		
	South Hamburg	00743-1	<i>Performance was driven by crossarm problems (46%) and non-preventable tree outages (38%).</i>			
			Replace main line crossarm from backbone assessment	Complete	Jan-13	
			Comprehensive circuit patrol	Complete	Sep-13	
			Replace additional mainline crossarms from backbone assessment	Complete	Sep-13	
			Install additional mainline recloser	To be completed in 2014		
	Bern Church	00791-1	<i>Performance was driven by wind and trees during a storm (90%)</i>			
			Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13	
			Comprehensive tree trimming	To be completed in 2014		
	Myerstown	00752-2	<i>Performance was driven by lightning (59%) and animal (35%).</i>			
			Comprehensive tree trimming	Complete	Jul-13	
			Comprehensive circuit assessment	Complete	Jan-14	

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**Joint 2<sup>nd</sup> Quarter 2014 Reliability Report – :  
Metropolitan Edison Company, :  
Pennsylvania Electric Company and :  
Pennsylvania Power Company – Public :  
Version :**

**CERTIFICATE OF SERVICE**

I hereby certify that I have this day served a true and correct copy of the foregoing document upon the individuals listed below, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

Service by first class mail, as follows:

John R. Evans  
Office of Small Business Advocate  
Suite 1102, Commerce Building  
300 North Second Street  
Harrisburg, PA 17101

Tanya McCloskey  
Office of Consumer Advocate  
555 Walnut Street  
5<sup>th</sup> Floor Forum Place  
Harrisburg, PA 17101-1923

Dated: August 1, 2014



Tori L. Giesler  
Attorney No. 207742  
FirstEnergy Service Company  
2800 Pottsville Pike  
P.O. Box 16001  
Reading, Pennsylvania 19612-6001  
(610) 921-6203  
tgiesler@firstenergycorp.com

**RECEIVED**

**AUG 04 2014**

**PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU**

Counsel for Metropolitan Edison Company,  
Pennsylvania Electric Company and  
Pennsylvania Power Company