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October 30, 2015

**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**

OCT 30 2015

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU**Re: Joint 3<sup>rd</sup> Quarter 2015 Reliability Report – Metropolitan Edison Company,  
Pennsylvania Electric Company, Pennsylvania Power Company and West Penn  
Power Company – Public Version**

Dear Secretary Chiavetta:

L-00030161

Pursuant to 52 Pa. Code § 57.195(d) and (e), enclosed for filing on behalf of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company (collectively, the “Companies”) are two copies of the Joint 3<sup>rd</sup> Quarter 2015 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)  
D. Washko – Bureau of Technical Utility Services (via email and first class mail)

**PennPower**  
A FirstEnergy Company

**Penelec**  
A FirstEnergy Company

**Met-Ed**  
A FirstEnergy Company

**WestPenn  
Power**  
A FirstEnergy Company



## Joint 2015 3<sup>rd</sup> Quarter Reliability Report

Pennsylvania Power Company,  
Pennsylvania Electric Company,  
Metropolitan Edison Company, and  
West Penn Power Company

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

**Joint 3<sup>rd</sup> Quarter 2015 Reliability Report –  
Pennsylvania Power Company,  
Pennsylvania Electric Company,  
Metropolitan Edison Company, and  
West Penn Power 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*

None of the Companies experienced a major event during the reporting period ending September 30, 2015.

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OCT 30 2015

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

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<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*

3Q 2015 (12-Mo Rolling)	Penn Power			Penelec			Met-Ed			West Penn Power		
	Benchmark	12-Month Standard	12- Month Actual	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	1.18	1.26	1.52	1.37	1.15	1.38	1.23	1.05	1.26	1.17
CAIDI	101	121	95 <sup>2</sup>	117	141	123	117	140	128	170	204	149 <sup>3</sup>
SAIDI	113	162	112 <sup>2</sup>	148	213	168	135	194	158	179	257	175 <sup>3</sup>
MAIFI <sup>4</sup>			0.51			2.81			1.09			
Customers Served <sup>5</sup>	158,691			582,175			553,521			710,002		
Number of Sustained Interruptions	2,997			11,015			8,929			10,820		
Customers Affected	187,317			796,246			682,674			833,947		
Customer Minutes	17,721,799			97,564,922			87,406,504			124,630,546		
Number of Customer Momentary Interruptions	80,308			1,637,587			600,790					

<sup>2</sup> Penn Power achieved better than benchmark performance.

<sup>3</sup> West Penn Power achieved better than benchmark performance.

<sup>4</sup> MAIFI values are not available for West Penn Power.

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

*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, Met-Ed, and West Penn Power'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

<b>Outage by Cause</b>				
<b>3<sup>rd</sup> Quarter 2015 12-Month Rolling</b>	<b>Penn Power</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>
Trees off ROW - tree	5,383,152	479	46,978	15.98%
Equipment failure	3,553,520	384	36,226	12.81%
Animal	675,663	343	7,076	11.44%
Lightning	1,870,118	307	16,795	10.24%
Line failure	1,791,194	290	11,773	9.68%
Bird	206,425	265	2,445	8.84%
Trees off ROW - limb	1,103,244	262	10,481	8.74%
Unknown	662,087	172	14,652	5.74%
Trees - sec/service	52,356	82	282	2.74%
Vehicle	990,025	78	6,010	2.60%
Overload	136,554	71	2,051	2.37%
Forced outage	112,726	47	6,062	1.57%
Previous lightning	21,858	46	205	1.53%
Ice	186,665	40	602	1.33%
Human error - non-company	100,661	31	792	1.03%
Customer equipment	363,014	27	15,800	0.90%
Human error - company	73,322	20	6,837	0.67%
Trees on ROW	54,577	20	756	0.67%
UG dig-up	13,821	16	134	0.53%
Object contact with line	361,310	11	1,265	0.37%
Vandalism	3,608	4	19	0.13%
Fire	1,300	1	13	0.03%
Other electric utility	4,599	1	63	0.03%
<b>Total</b>	<b>17,721,799</b>	<b>2,997</b>	<b>187,317</b>	<b>100.00%</b>

## Proposed Solutions – Penn Power

Penn Power analyzed its reliability performance in order to determine the primary reasons for long duration outages. The following identifies the top outage causes and actions to address these outage causes experienced by Penn Power for the reporting period.

### Trees off ROW - tree

The enhanced tree removal program focuses on the large number of tree outages that occur primarily as a result of healthy trees falling from outside the ROW. Vegetation management continues to have the most immediate impact on reliability and therefore, Forestry Services reviews the trees off ROW outages over 10,000 CMI 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 during the normal maintenance trim. 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 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. Enhanced tree trimming takes place in addition to its cycle based vegetation management.

### Equipment failure

To reduce the likelihood of equipment failures, Penn Power follows inspection and maintenance practices, such as circuit inspections, pole inspections, selective infrared scanning and others<sup>6</sup>. These inspections are an important source of information in determining the need for, and prioritizing, repairs. 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.

### 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.

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<sup>6</sup> Pursuant to § 57.198, every two years an electric distribution company shall file, and receive approval from the Commission of, a biennial plan for the periodic inspection, maintenance, repair and replacement of its facilities. On December 30, 2013, Paul Diskin, Director, Technical Utility Services, issued a letter approving the Company's biennial inspection, maintenance, repair, and replacement plan effective January 1, 2015 through December 31, 2016.

Outages by Cause – Penelec

<b>Outage by Cause</b>				
<b>3<sup>rd</sup> Quarter 2015 12-Month Rolling</b>	<b>Penelec</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	24,850,275	3,256	279,933	29.56%
Unknown	7,027,450	1,565	65,061	14.21%
Trees off ROW - tree	24,630,544	1,015	118,007	9.21%
Animal	3,727,688	1,004	29,054	9.11%
Line failure	12,731,932	871	98,327	7.91%
Forced outage	4,761,541	712	49,203	6.46%
Lightning	5,102,330	599	42,775	5.44%
Trees off ROW - limb	3,131,712	360	21,841	3.27%
Bird	768,414	346	8,409	3.14%
Trees - sec/service	377,030	340	1,793	3.09%
Vehicle	5,131,189	233	31,705	2.12%
Human error - company	2,429,461	131	11,159	1.19%
Trees on ROW	372,186	104	5,525	0.94%
Human error - non-company	796,798	99	10,019	0.90%
Previous lightning	93,614	79	369	0.72%
Overload	607,533	68	13,268	0.62%
UG dig-up	46,131	49	200	0.44%
Other electric utility	72,517	36	713	0.33%
Object contact with line	163,690	31	963	0.28%
Ice	8,514	30	44	0.27%
Customer equipment	68,458	24	3,391	0.22%
Vandalism	292,388	19	1,501	0.17%
Fire	148,203	17	389	0.15%
Wind	128,009	13	745	0.12%
Other utility - non electric	42,775	8	158	0.07%
Contamination	2,336	5	10	0.05%
Switching error	52,204	1	1,684	0.01%
<b>Total</b>	<b>97,564,922</b>	<b>11,015</b>	<b>796,246</b>	<b>100.00%</b>

## Proposed Solutions – Penelec

Penelec has developed a plan that is designed to target these top outage causes. The plan contains system upgrades as well as a targeted vegetation management component in an attempt to reduce the number of customer interruptions. The following identifies the top outage causes and actions to address these outage causes experienced by Penelec for the reporting period.

### Equipment failure

Porcelain cutout failures represent nearly 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.

To reduce the likelihood of equipment failures, Penelec follows inspection and maintenance practices, such as circuit inspections, pole inspections, selective infrared scanning and others<sup>7</sup>. Penelec inspects each circuit in its entirety (from substation to meter), including 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, Engineering Services continually monitors outage data and investigates 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 Reliability Engineering, with post outage circuit inspections being completed as needed by reliability inspectors.

### Trees off ROW – tree

One of the largest contributors to SAIFI, SAIDI and CAIDI are off ROW tree outages attributed to, in particular, healthy trees. In addition to the other vegetation management work that the Company performs, Forestry Services reviews the trees off ROW 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

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<sup>7</sup> Pursuant to § 57.198, every two years an electric distribution company shall file, and receive approval from the Commission of, a biennial plan for the periodic inspection, maintenance, repair and replacement of its facilities. On December 30, 2013, Paul Diskin, Director, Technical Utility Services, issued a letter approving the Company's biennial inspection, maintenance, repair, and replacement plan effective January 1, 2015 through December 31, 2016.

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 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>Outage by Cause</b>				
<b>3<sup>rd</sup> Quarter 2015 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	21,372,438	2,677	194,960	29.98%
Unknown	6,039,891	1,091	65,971	12.22%
Animal	2,219,096	1,034	30,420	11.58%
Trees off ROW - tree	19,294,460	732	74,897	8.20%
Line failure	6,919,667	579	48,891	6.48%
Trees off ROW - limb	5,838,497	465	31,006	5.21%
Trees on ROW	5,452,383	426	21,642	4.77%
Forced outage	4,612,087	401	88,893	4.49%
Lightning	2,338,690	388	18,064	4.35%
Bird	617,874	308	9,123	3.45%
Vehicle	8,269,011	291	68,573	3.26%
Trees - sec/service	422,517	170	906	1.90%
Ice	1,549,851	79	3,552	0.88%
Human error - non-company	541,990	66	3,683	0.74%
Overload	397,187	51	6,816	0.57%
Object contact with line	668,495	48	7,188	0.54%
Previous lightning	232,406	29	1,491	0.32%
Customer equipment	76,947	28	846	0.31%
Human error - company	102,168	19	3,691	0.21%
UG dig-up	31,369	16	81	0.18%
Fire	63,838	9	595	0.10%
Other electric utility	5,508	8	30	0.09%
Contamination	3,526	5	35	0.06%
Vandalism	637	4	4	0.04%
Wind	304,894	3	1,271	0.03%
Call error	930	1	6	0.01%
Other utility - non electric	30,147	1	39	0.01%
<b>Total</b>	<b>87,406,504</b>	<b>8,929</b>	<b>682,674</b>	<b>100.00%</b>

## Proposed Solutions – Met-Ed

Met-Ed has undertaken several initiatives to improve reliability. These initiatives include the development of an enhanced vegetation management program; installation of fuses, reclosers, supervisory control and data acquisition (“SCADA”) controlled devices, and faulted circuit indicators; and the refinement of partial restoration procedures. The following identifies the top outage causes and actions to address these outage causes experienced by Met-Ed for the reporting period.

### Equipment failure

Porcelain cutout failures represent approximately one-third of the equipment failure outages in Met-Ed’s territory. To address this cause, Met-Ed continues to replace porcelain cutouts with polymer cutouts as part of the Porcelain Cutout Replacement Program.

To reduce the likelihood of equipment failures, Met-Ed follows inspection and maintenance practices, such as circuit inspections, pole inspections, selective infrared scanning and others<sup>8</sup>. 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.

### Unknown

An 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 reliability engineering, with post outage circuit inspections being completed as needed.

### 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.

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<sup>8</sup> Pursuant to § 57.198, every two years an electric distribution company shall file, and receive approval from the Commission of, a biennial plan for the periodic inspection, maintenance, repair and replacement of its facilities. On December 30, 2013, Paul Diskin, Director, Technical Utility Services, issued a letter approving the Company’s biennial inspection, maintenance, repair, and replacement plan effective January 1, 2015 through December 31, 2016.

Outages by Cause – West Penn Power

<b>Outage by Cause</b>				
<b>3<sup>rd</sup> Quarter 2015 12-Month Rolling</b>	<b>West Penn Power</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	23,719,227	2,458	169,779	22.72%
Unknown	12,398,737	1,804	105,345	16.67%
Trees off ROW - tree	37,370,746	1,409	139,536	13.02%
Forced outage	10,514,196	1,255	170,370	11.60%
Line failure	14,609,797	1,031	65,686	9.53%
Animal	1,845,864	991	18,581	9.16%
Trees off ROW - limb	5,524,442	415	30,371	3.84%
Trees on ROW	6,457,058	402	29,434	3.72%
Vehicle	8,237,435	307	59,853	2.84%
Bird	621,568	230	4,471	2.13%
Trees - sec/service	228,769	199	526	1.84%
Lightning	1,342,988	90	11,048	0.83%
Human error - non-company	916,032	81	11,868	0.75%
Human error - company	163,493	38	11,155	0.35%
UG dig-up	54,003	33	340	0.30%
Object contact with line	158,662	23	1,465	0.21%
Overload	132,518	15	1,652	0.14%
Customer equipment	9,519	13	44	0.12%
Vandalism	168,205	9	1,745	0.08%
Fire	12,835	6	51	0.06%
Wind	49,289	6	248	0.06%
Previous lightning	367	2	2	0.02%
Other electric utility	94,248	1	357	0.01%
Switching error	450	1	18	0.01%
Other utility - non electric	98	1	2	0.01%
<b>Total</b>	<b>124,630,546</b>	<b>10,820</b>	<b>833,947</b>	<b>100.00%</b>

### Proposed Solutions – West Penn Power

West Penn Power has implemented several programs to improve overall reliability. These programs include introduction of a new vegetation management program which adopted a more aggressive five-year cycle, establishment of a danger tree program which also includes Emerald Ash Borer mitigation, zone one circuit patrols, subtransmission aerial flyovers and subsequent hardware repairs, and large outage (over 250 customers interrupted) reviews. The following identifies the top outage causes and actions to address these outage causes experienced by West Penn Power for the reporting period.

#### Equipment failure

Equipment failure outages are addressed by remediating hardware on distribution circuit mainlines, subtransmission hardware items discovered through aerial patrol inspections, installation of subtransmission auto air switches, and substation carbide arrestor replacements. West Penn Power addresses equipment failures using a three-prong approach. The first step is to conduct pole by pole reviews of main line hardware and correct any deficiencies found. The second step is a review of the entire overhead circuit, visiting all locations on a six-year cycle. The third step is conducting an engineering review and root cause analysis of all distribution circuit lockouts. Equipment failures are mitigated through these programs and the resulting follow up corrective actions. In addition, the Engineering Department periodically conducts a multi-operation device review to identify causes and trends of equipment failures and other outage causes. This information is used to determine the need to repair or replace facilities.

Equipment failure-caused outages in West Penn Power are comprised primarily of transformers (approximately one-third) and porcelain cutouts (approximately one-fourth). West Penn Power continues to address these failures by replacing single bushing self-protected transformers with externally-protected transformers and by installing polymer cutouts in all new or replacement locations.

#### Unknown

There are numerous events, which are typically transient in nature, that result in outages with an unknown cause. Procedures are in place for field personnel to investigate recurring outages on a specific sectionalizing device. Experience has shown that very few of the outage events classified as unknown are recurrent in nature. West Penn Power also employs a root cause analysis process for all circuit lockouts that includes field patrols of all unknown outage causes.

#### Trees off ROW – tree

Since implementing its new, more aggressive vegetation management program in 2011, West Penn has experienced positive improvements in overall reliability. In addition to its normal on-cycle tree trimming, West Penn has introduced a program to mitigate the impact of the emerald ash borer which is now invading western portions of Pennsylvania. The Company will accelerate this emerald ash borer mitigation program for the subtransmission system and the zone 2 portion of its distribution system from its current five years to a new three-year completion timeline. West Penn Power's

danger tree program consists of removing, or significantly reducing in height, dead, diseased or damaged trees located outside the boundary of the right-of-way that pose a threat to service reliability or the integrity of the line under any weather condition. These programs are in addition to the cycle tree trimming program for trimming circuits on a five-year schedule.

*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).*

Inspection and Maintenance 2015		Penn Power			Penelec			Met:Ed			West Penn Power		
		Planned	Completed		Planned	Completed		Planned	Completed		Planned	Completed	
		Annual	3Q	YTD	Annual	3Q	YTD	Annual	3Q	YTD	Annual	3Q	YTD
Forestry	Transmission (Miles)	53.31	1.35	40.50	526.65	90.10	292.60	262.27	42.40	135.20	168.99	49.50	76.00
	Distribution (Miles)	1,122	292	818	3,791	937	2,329	2,305	443	1,327	4,559	1,095	3,168
Transmission	Aerial Patrols	2	0	1	2	0	1	2	1	2	2	0	1
	Groundline	0	0	0	0	0	0	1,127	828	1,379	0	0	0
Substation	Substation Inspections Class A	146	73	146	802	398	802	422	211	422	980	490	980
	Substation Inspections Class B	146	0	73	802	0	404	422	0	211	980	0	490
	Substation Inspections Class C	584	146	438	3,208	793	2,410	1,688	422	1,266	3,920	980	3,920
	Transformers	112	36	111	598	111	528	343	90	320	551	100	446
	Breakers	10	9	10	242	58	188	71	17	65	428	181	306
	Relay Schemes	33	11	11	153	37	140	96	11	84	160	62	115
Distribution	Capacitors	998	0	998	8,766	0	8,766	4,753	0	4,753	1,304	0	1,304
	Poles	11,000	6,776	6,776	41,111	10,163	33,389	29,055	10,884	28,098	52,889	14,636	51,783
	Reclosers	791	199	791	2,571	2,570	2,570	1,085	101	1,070	3,762	111	3,762
	Radio-Controlled Switches	Penn Power has no radio-controlled switches			2,466	255	1,510	284	42	183	West Penn Power has no radio-controlled switches		

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>9</sup>*

Penn Power						
T&D O&M – 3Q / YTD September 2015 (\$)						
Transmission						
Category	3Q Actuals	3Q Budget	YTD Actuals	YTD Budget	Annual Budget	
560	Operation Supervision and Engineering	74	-	216	-	-
561	Load Dispatching	18,854	21,772	76,603	84,509	113,534
562	Station Expenses	-	-	-	-	-
563	Overhead Lines Expenses	-	-	-	-	-
565	Transmission of Electricity by Others	879,293	1,942,752	3,781,480	5,288,325	7,203,360
566	Miscellaneous Transmission Expenses	8,615	7,084	24,602	20,483	34,009
567	Rents	-	-	-	-	-
568	Maintenance Supervision and Engineering	2,362	3,116	6,165	7,790	10,899
569	Maintenance of Structures	7,923	19,866	22,426	60,346	84,131
570	Maintenance of Station Equipment	3,175	762	7,207	2,286	3,047
571	Maintenance of Overhead Lines	30,171	(19,570)	57,109	(60,509)	(78,786)
572	Maintenance of Underground Lines	-	-	-	-	-
573	Maintenance of Miscellaneous Transmission Plant	(56)	-	(55)	-	-
575	Market Administration, Monitoring & Compliance Services	(53)	3,963	11,801	14,635	20,035
<b>Transmission Total</b>		<b>950,358</b>	<b>1,979,746</b>	<b>3,987,555</b>	<b>5,417,865</b>	<b>7,390,229</b>
Distribution						
Category	3Q Actuals	3Q Budget	YTD Actuals	YTD Budget	Annual Budget	
580	Operation Supervision and Engineering	3,795	-	3,838	-	-
581	Load Dispatching	-	-	-	-	-
582	Station Expenses	11,792	-	15,847	-	-
583	Overhead Line Expenses	37,215	-	44,274	-	-
584	Underground Line Expenses	63,663	158,755	144,246	370,068	570,310
586	Meter Expenses	15,826	21,508	54,057	62,304	84,654
587	Customer Installations Expenses	-	-	-	-	-
588	Miscellaneous Distribution Expenses	(375,878)	195,434	(276,844)	559,790	782,299
589	Rents	86,947	79,747	263,335	239,240	318,986
590	Maintenance Supervision and Engineering	36,344	26,032	88,896	69,393	98,110
591	Maintenance of Structures	-	-	-	-	-
592	Maintenance of Station Equipment	225,284	230,730	603,501	348,521	577,877
593	Maintenance of Overhead Lines	2,875,805	3,716,664	7,205,570	7,840,805	11,532,013
594	Maintenance of Underground Lines	117,184	(2,164)	356,101	(6,493)	(8,657)
595	Maintenance Line Transformer	5,699	-	5,699	-	-
596	Maintenance of Street Lighting and Signal Systems	58,612	-	175,291	-	-
597	Maintenance of Meters	149,323	68,122	433,719	194,605	271,630
598	Maintenance of Miscellaneous Distribution Plant	91,468	120,446	255,681	368,537	498,884
<b>Distribution Total</b>		<b>3,403,078</b>	<b>4,615,273</b>	<b>9,373,211</b>	<b>10,046,769</b>	<b>14,726,106</b>
<b>Penn Power Total</b>		<b>4,353,436</b>	<b>6,595,018</b>	<b>13,360,767</b>	<b>15,464,634</b>	<b>22,116,335</b>

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

**Penelec**  
**T&D O&M – 3Q / YTD September 2015 (\$)**

<b>Transmission</b>						
<b>Category</b>		<b>3Q Actuals</b>	<b>3Q Budget</b>	<b>YTD Actuals</b>	<b>YTD Budget</b>	<b>Annual Budget</b>
560	Operation Supervision and Engineering	7,581	4,831	31,254	13,635	18,466
561	Load Dispatching	140,879	357,857	484,940	1,054,161	1,412,098
562	Station Expenses	14,483	-	25,747	-	-
563	Overhead Lines Expenses	6,319	10,414	234,415	289,677	355,969
565	Transmission of Electricity by Others	4,444,609	4,628,238	11,710,590	12,048,926	16,480,442
566	Miscellaneous Transmission Expenses	168,907	124,524	168,303	349,449	514,740
567	Rents	872,708	816,201	2,545,055	2,477,681	3,344,046
568	Maintenance Supervision and Engineering	160,099	383,357	714,222	1,077,161	1,459,004
569	Maintenance of Structures	161,152	115,809	425,469	362,260	486,189
570	Maintenance of Station Equipment	527,317	107,619	1,712,727	317,870	426,117
571	Maintenance of Overhead Lines	4,449,593	3,303,688	7,602,031	7,874,764	10,264,838
572	Maintenance of Underground Lines	-	-	1,482	-	-
573	Maintenance of Miscellaneous Transmission Plant	847	-	22,562	-	-
575	Market Administration, Monitoring & Compliance Services	(189)	6,629	16,729	23,118	30,918
<b>Transmission Total</b>		<b>10,954,305</b>	<b>9,859,167</b>	<b>25,695,528</b>	<b>25,888,701</b>	<b>34,792,827</b>
<b>Distribution</b>						
<b>Category</b>		<b>3Q Actuals</b>	<b>3Q Budget</b>	<b>YTD Actuals</b>	<b>YTD Budget</b>	<b>Annual Budget</b>
580	Operation Supervision and Engineering	79,747	25,334	70,437	73,864	101,171
581	Load Dispatching	106,854	112,636	287,764	319,188	427,181
582	Station Expenses	129,928	-	296,712	-	-
583	Overhead Line Expenses	24,881	15,790	39,125	42,115	52,827
584	Underground Line Expenses	260,546	252,574	614,741	624,618	789,356
585	Distribution-Street Lighting & Signal System Expenses	-	-	-	-	-
586	Meter Expenses	161,015	186,492	417,796	529,061	717,586
587	Customer Installations Expenses	-	-	-	-	-
588	Miscellaneous Distribution Expenses	2,254,855	1,478,990	6,450,726	3,790,248	5,227,693
589	Rents	385,306	306,851	1,177,269	920,554	1,227,405
590	Maintenance Supervision and Engineering	154,959	118,985	392,114	314,592	445,602
591	Maintenance of Structures	-	-	-	-	-
592	Maintenance of Station Equipment	861,049	1,672,047	2,582,860	4,935,280	6,784,758
593	Maintenance of Overhead Lines	4,519,075	5,274,544	12,909,026	14,721,068	20,139,740
594	Maintenance of Underground Lines	312,657	74,218	789,793	147,446	175,254
595	Maintenance Line Transformer	30,900	-	30,900	-	-
596	Maintenance of Street Lighting and Signal Systems	207,196	641,769	572,020	1,926,484	2,692,017
597	Maintenance of Meters	594,607	437,025	1,552,040	1,287,263	1,788,857
598	Maintenance of Miscellaneous Distribution Plant	910,949	572,502	2,791,304	1,789,897	2,423,154
<b>Distribution Total</b>		<b>10,994,523</b>	<b>11,169,758</b>	<b>30,974,628</b>	<b>31,421,677</b>	<b>42,992,600</b>
<b>Penelec Total</b>		<b>21,948,828</b>	<b>21,028,925</b>	<b>56,670,155</b>	<b>57,310,377</b>	<b>77,785,428</b>

**Met-Ed**  
**T&D O&M – 3Q / YTD September 2015 (\$)**

<b>Transmission</b>						
<b>Category</b>		<b>3Q Actuals</b>	<b>3Q Budget</b>	<b>YTD Actuals</b>	<b>YTD Budget</b>	<b>Annual Budget</b>
560	Operation Supervision and Engineering	6,646	4,571	26,603	12,856	17,503
561	Load Dispatching	113,277	372,996	487,278	1,106,085	1,491,628
562	Station Expenses	8,490	-	18,294	-	-
563	Overhead Lines Expenses	1,586	2,750	22,972	33,112	33,112
565	Transmission of Electricity by Others	3,135,555	4,638,136	10,643,648	11,883,179	16,390,649
566	Miscellaneous Transmission Expenses	178,549	107,371	247,584	302,350	444,540
567	Rents	277,979	208,893	759,346	626,680	835,574
568	Maintenance Supervision and Engineering	131,135	330,829	609,345	929,337	1,258,782
569	Maintenance of Structures	72,083	97,412	245,161	297,579	402,996
570	Maintenance of Station Equipment	616,288	695,730	1,364,416	1,693,113	2,389,753
571	Maintenance of Overhead Lines	1,557,996	2,000,391	3,072,889	4,473,663	5,550,301
572	Maintenance of Underground Lines	-	-	-	-	-
573	Maintenance of Miscellaneous Transmission Plant	71,156	81,487	215,601	170,710	218,250
575	Market Administration, Monitoring & Compliance Services	(198)	8,238	20,983	28,604	39,104
<b>Transmission Total</b>		<b>6,170,543</b>	<b>8,548,806</b>	<b>17,734,119</b>	<b>21,557,267</b>	<b>29,072,193</b>
<b>Distribution</b>						
<b>Category</b>		<b>3Q Actuals</b>	<b>3Q Budget</b>	<b>YTD Actuals</b>	<b>YTD Budget</b>	<b>Annual Budget</b>
580	Operation Supervision and Engineering	33,838	20,243	66,330	64,413	94,022
581	Load Dispatching	50,700	92,488	177,094	275,127	377,351
582	Station Expenses	279,484	162,462	686,099	394,180	621,931
583	Overhead Line Expenses	6,674	8,567	13,629	37,002	37,277
584	Underground Line Expenses	(318,604)	144,119	(311,434)	432,358	576,477
585	Distribution-Street Lighting & Signal System Expenses	-	-	-	-	-
586	Meter Expenses	132,362	197,936	403,121	544,974	738,286
587	Customer Installations Expenses	-	-	-	-	-
588	Miscellaneous Distribution Expenses	1,670,788	2,724,011	4,939,044	5,961,689	8,848,872
589	Rents	140,106	135,218	428,713	405,655	540,873
590	Maintenance Supervision and Engineering	141,640	108,675	357,634	287,560	407,244
591	Maintenance of Structures	3,270	4,469	8,969	13,358	17,728
592	Maintenance of Station Equipment	850,479	896,413	2,548,292	2,862,218	3,938,353
593	Maintenance of Overhead Lines	5,694,710	4,692,551	15,491,741	13,092,869	18,199,723
594	Maintenance of Underground Lines	452,900	483,323	1,604,675	1,470,576	2,028,332
595	Maintenance Line Transformer	45,738	98,575	95,662	295,725	394,300
596	Maintenance of Street Lighting and Signal Systems	415,015	63,595	717,869	188,282	251,887
597	Maintenance of Meters	609,990	425,113	1,620,978	1,290,332	1,774,920
598	Maintenance of Miscellaneous Distribution Plant	496,667	537,790	1,514,836	1,633,196	2,213,807
<b>Distribution Total</b>		<b>10,705,759</b>	<b>10,795,549</b>	<b>30,363,251</b>	<b>29,249,514</b>	<b>41,061,383</b>
<b>Met-Ed Total</b>		<b>16,876,302</b>	<b>19,344,355</b>	<b>48,097,370</b>	<b>50,806,781</b>	<b>70,133,576</b>

**West Penn Power**  
**T&D O&M – 3Q / YTD September 2015 (\$)**

<b>Transmission</b>						
<b>Category</b>		<b>3Q Actuals</b>	<b>3Q Budget</b>	<b>YTD Actuals</b>	<b>YTD Budget</b>	<b>Annual Budget</b>
560	Operation Supervision and Engineering	8,510	5,184	33,488	14,629	19,812
561	Load Dispatching	175,252	533,220	641,679	1,541,306	2,074,497
562	Station Expenses	1,934	498,353	73,938	1,430,658	1,878,106
563	Overhead Lines Expenses	171	5,000	5,931	7,000	7,000
565	Transmission of Electricity by Others	11,283,406	7,521,395	27,782,824	22,459,869	29,981,264
566	Miscellaneous Transmission Expenses	69,287	89,132	192,809	256,921	347,572
567	Rents	79,781	65,848	225,413	197,545	263,394
568	Maintenance Supervision and Engineering	198,623	121,447	313,660	324,475	442,246
569	Maintenance of Structures	12,855	67,086	38,363	202,848	287,972
570	Maintenance of Station Equipment	647,654	68,302	1,791,578	167,805	252,380
571	Maintenance of Overhead Lines	4,198,225	1,397,682	7,599,907	3,039,588	3,992,661
572	Maintenance of Underground Lines	-	-	458	-	-
573	Maintenance of Miscellaneous Transmission Plant	-	-	-	-	-
575	Market Administration, Monitoring & Compliance Services	9	-	24	-	-
<b>Transmission Total</b>		<b>16,675,709</b>	<b>10,372,649</b>	<b>38,700,073</b>	<b>29,642,644</b>	<b>39,546,903</b>
<b>Distribution</b>						
<b>Category</b>		<b>3Q Actuals</b>	<b>3Q Budget</b>	<b>YTD Actuals</b>	<b>YTD Budget</b>	<b>Annual Budget</b>
580	Operation Supervision and Engineering	54,447	31,021	162,874	83,245	123,987
581	Load Dispatching	367,790	381,323	983,726	1,040,730	1,439,153
582	Station Expenses	195,709	324,400	418,061	933,317	1,226,191
583	Overhead Line Expenses	635,821	276,781	1,533,056	1,232,253	1,333,065
584	Underground Line Expenses	356,841	243,563	899,676	730,801	974,363
586	Meter Expenses	225,328	179,944	588,261	491,872	733,731
587	Customer Installations Expenses	-	-	-	-	-
588	Miscellaneous Distribution Expenses	3,739,220	3,027,348	11,021,853	8,814,592	11,969,124
589	Rents	-	-	-	-	-
590	Maintenance Supervision and Engineering	141,439	107,400	351,169	283,288	401,360
591	Maintenance of Structures	-	-	-	-	-
592	Maintenance of Station Equipment	4,621,830	2,027,058	7,486,392	4,155,209	6,250,731
593	Maintenance of Overhead Lines	9,414,813	9,223,331	17,428,930	20,516,862	28,820,050
594	Maintenance of Underground Lines	151,157	499,878	502,390	1,219,308	1,706,905
595	Maintenance Line Transformer	24,175	-	24,175	-	-
596	Maintenance of Street Lighting and Signal Systems	261,530	212,903	766,721	611,705	803,116
597	Maintenance of Meters	381,759	366,674	964,783	1,051,945	1,381,068
598	Maintenance of Miscellaneous Distribution Plant	289,347	410,057	698,285	1,239,728	1,755,701
<b>Distribution Total</b>		<b>20,861,207</b>	<b>17,311,680</b>	<b>43,830,352</b>	<b>42,404,855</b>	<b>58,918,545</b>
<b>West Penn Power Total</b>		<b>37,536,916</b>	<b>27,684,328</b>	<b>82,530,425</b>	<b>72,047,499</b>	<b>98,465,448</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>10</sup>*

<b>Penn Power</b>					
<b>T&amp;D Capital – 3Q/YTD September 2015 (\$)</b>					
<b>Category</b>	<b>3Q Actuals</b>	<b>3Q Budget</b>	<b>3Q YTD Actuals</b>	<b>3Q YTD Budget</b>	<b>Annual Budget</b>
Capacity	1,870,220	1,208,775	2,554,614	1,993,722	2,223,398
Condition	237,210	1,785,249	633,693	4,937,939	7,034,550
Facilities	511,315	325,750	572,236	953,704	956,803
Forced	1,426,944	602,195	3,770,469	1,511,651	2,041,265
Meter Related	261,014	(7,527)	658,053	(22,510)	(29,894)
New Business	1,582,718	658,070	1,261,389	2,112,151	2,547,564
Other	6,056,991	5,447,549	20,021,686	16,214,812	21,961,385
Reliability	2,180,442	733,789	4,895,200	2,108,241	2,532,325
Street Light	37,532	16,333	75,476	48,331	65,228
Tools & Equipment	42,238	83,430	313,549	232,063	323,145
Vegetation Management	848,348	998,011	2,661,242	2,994,177	3,992,187
<b>Penn Power Total</b>	<b>15,054,971</b>	<b>11,851,622</b>	<b>37,417,607</b>	<b>33,084,280</b>	<b>43,647,957</b>

<b>Penelec</b>					
<b>T&amp;D Capital – 3Q/YTD September 2015 (\$)</b>					
<b>Category</b>	<b>3Q Actuals</b>	<b>3Q Budget</b>	<b>3Q YTD Actuals</b>	<b>3Q YTD Budget</b>	<b>Annual Budget</b>
Capacity	(1,555,312)	547,412	10,873,001	5,679,517	5,883,018
Condition	4,467,465	6,053,805	10,848,035	18,347,487	25,235,991
Facilities	1,664,894	1,105,280	2,415,177	2,210,299	2,429,569
Forced	3,298,607	8,207,656	24,298,515	23,438,266	32,416,429
Meter Related	1,364,395	990,578	4,714,271	2,790,986	3,780,689
New Business	(2,056,001)	3,013,144	5,759,817	8,830,445	11,739,956
Other	7,639,491	7,797,706	11,573,156	22,651,770	29,531,666
Reliability	5,265,768	3,765,451	19,509,976	11,250,476	15,068,538
Street Light	160,304	458,314	1,140,004	1,386,814	1,864,142
Tools & Equipment	922,499	718,112	3,968,551	2,421,315	4,770,812
Vegetation Management	5,127,390	5,691,989	14,271,782	15,435,600	20,627,446
<b>Penelec Total</b>	<b>26,299,498</b>	<b>38,349,448</b>	<b>109,372,285</b>	<b>114,442,975</b>	<b>153,348,258</b>

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

<sup>10</sup> Budgets are subject to change.

<b>Met-Ed</b>					
<b>T&amp;D Capital – 3Q/YTD September 2015 (\$)</b>					
<b>Category</b>	<b>3Q Actuals</b>	<b>3Q Budget</b>	<b>3Q YTD Actuals</b>	<b>3Q YTD Budget</b>	<b>Annual Budget</b>
Capacity	1,873,632	1,483,515	7,552,401	6,016,393	7,351,896
Condition	3,431,869	3,598,057	11,317,519	10,921,495	14,746,353
Facilities	2,581,708	2,799,180	3,523,872	3,656,196	3,895,007
Forced	5,846,928	5,211,212	17,700,895	16,494,533	21,860,758
Meter Related	559,066	1,023,080	2,599,766	2,921,538	3,864,460
New Business	422,781	3,563,657	8,013,027	9,748,936	12,437,644
Other	9,675,938	6,590,520	15,649,723	19,230,515	26,503,727
Reliability	821,171	1,634,691	4,303,386	4,824,024	6,533,178
Street Light	(120,381)	144,013	73,823	384,063	492,096
Tools & Equipment	227,690	231,383	965,963	619,380	946,073
Vegetation Management	1,173,081	1,622,949	3,931,470	3,971,545	5,116,770
<b>Met-Ed Total</b>	<b>26,493,483</b>	<b>27,902,258</b>	<b>75,631,846</b>	<b>78,788,619</b>	<b>103,747,962</b>

<b>West Penn Power</b>					
<b>T&amp;D Capital – 3Q/YTD September 2015 (\$)</b>					
<b>Category</b>	<b>3Q Actuals</b>	<b>3Q Budget</b>	<b>3Q YTD Actuals</b>	<b>3Q YTD Budget</b>	<b>Annual Budget</b>
Capacity	14,778,420	721,830	21,153,002	6,170,816	6,879,465
Condition	1,220,981	2,585,561	4,663,737	7,628,723	9,772,124
Facilities	3,448,519	2,949,915	5,792,006	5,594,255	5,988,783
Forced	6,856,604	7,114,122	18,645,317	22,318,427	28,791,843
Meter Related	972,014	687,976	2,982,805	1,966,604	2,570,325
New Business	1,764,407	5,002,101	14,948,376	19,221,653	25,459,848
Other	9,040,012	5,069,201	13,100,854	13,142,049	20,133,955
Reliability	2,057,485	1,925,775	5,755,797	5,232,846	7,112,923
Street Light	64,630	222,099	906,318	630,004	827,750
Tools & Equipment	708,142	503,435	2,127,323	1,099,460	1,698,880
Vegetation Management	7,086,822	7,761,029	23,262,770	23,475,319	31,277,667
<b>West Penn Power Total</b>	<b>47,998,036</b>	<b>34,543,043</b>	<b>113,338,304</b>	<b>106,480,155</b>	<b>140,513,562</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).<sup>11</sup>*

### Staffing Levels

Penn Power 2015												
Staffing Level						Staff Added in Quarter			Staff Lost in Quarter			Plan to
Department	Position	1Q	2Q	3Q	4Q	New Hire – Experienced	New Hire – PSI Student	Other <sup>12</sup>	Retirement	Voluntary Separation	Other <sup>13</sup>	Hire in 2016 <sup>14</sup>
Distribution	Line Leader	26	25	25								
	Line Troubleshooter	13	11	11				1			1	
	Lineman	40	42	42				2			2	
Substation	Substation Leader	5	5	5								
	Substation Employee	17	17	16					1			
Transmission	Line Leader	1	1	1								
	Lineman	3	3	2							1	
	<b>Total</b>	<b>105</b>	<b>104</b>	<b>102</b>				<b>3</b>	<b>1</b>		<b>4</b>	

<sup>11</sup>As ordered on March 30, 2015 at Docket Nos. D-2014-2365991, D-2014-2365992, D-2014-2365993, and D-2014-2365994, *Implementation Plan of the Focused Management Audit of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company, and West Penn Power Company* (Appendix A)(5): FirstEnergy is directed to provide additional detail as described below in the staff reporting section in the Quarterly Reliability Reports. For each staff member added, provide information on whether they were a new hire, if they are already at the journeyman, or other experienced level of training. For each staff member lost, provide the reason for the loss (retirement, voluntary separation, etc.). The number of staff in each category that the company is planning to hire in the next calendar year.

<sup>12</sup> Includes transfers, promotions, and promotions within a position

<sup>13</sup> Includes transfers, involuntary separations, promotions, and promotions within a position

<sup>14</sup> Hiring plan to be provided annually in the 4Q report

Penelec 2015												
Department	Position	Staffing Level				Staff Added in Quarter			Staff Lost in Quarter			Plan to Hire in 2016 <sup>14</sup>
		1Q	2Q	3Q	4Q	New Hire – Experienced	New Hire – PSI Student	Other <sup>12</sup>	Retirement	Voluntary Separation	Other <sup>13</sup>	
Distribution	Line Leader	92	88	86				3	3		2	
	Line Troubleshooter	59	62	61				1	2			
	Lineman	109	109	104				1	1	1	4	
Substation	Substation Leader	3	3	3								
	Substation Employee	67	66	66								
Transmission	Line Leader	1	1	1								
	Lineman	5	5	5								
	<b>Total</b>	<b>336</b>	<b>334</b>	<b>326</b>				<b>5</b>	<b>6</b>	<b>1</b>	<b>6</b>	

Met-Ed 2015												
Department	Position	Staffing Level				Staff Added in Quarter			Staff Lost in Quarter			Plan to Hire in 2016 <sup>14</sup>
		1Q	2Q	3Q	4Q	New Hire – Experienced	New Hire – PSI Student	Other <sup>12</sup>	Retirement	Voluntary Separation	Other <sup>13</sup>	
Distribution	Line Leader	55	55	54					1			
	Line Troubleshooter	32	33	33								
	Lineman	125	124	124								
Substation	Substation Leader	9	9	9				1			1	
	Substation Employee	64	62	60				1	1	1	1	
Transmission	Line Leader	1	1	1								
	Lineman	3	3	3								
	<b>Total</b>	<b>289</b>	<b>287</b>	<b>284</b>				<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	

<sup>12</sup> Includes transfers, promotions, and promotions within a position

<sup>13</sup> Includes transfers, involuntary separations, promotions, and promotions within a position

<sup>14</sup> Hiring plan to be provided annually in the 4Q report

West Penn Power 2015												
		Staffing Level				Staff Added in Quarter			Staff Lost in Quarter			Plan to Hire in 2016 <sup>14</sup>
Department	Position	1Q	2Q	3Q	4Q	New Hire – Experienced	New Hire – PSI Student	Other <sup>12</sup>	Retirement	Voluntary Separation	Other <sup>13</sup>	
Distribution	Line Leader	70	66	65					1			
	Line Troubleshooter <sup>15</sup>	N/A	N/A	67				68		1		
	Lineman	146	159	84		1		5	1	1	79	
Substation	Substation Leader	14	14	14								
	Substation Employee	52	53	53				3		1	2	
Transmission	Line Leader	1	1	0							1	
	Lineman	2	2	1							1	
	<b>Total</b>	<b>285</b>	<b>295</b>	<b>284</b>		<b>1</b>		<b>76</b>	<b>2</b>	<b>3</b>	<b>83</b>	

<sup>12</sup> Includes transfers, promotions, and promotions within a position

<sup>13</sup> Includes transfers, involuntary separations, promotions, and promotions within a position

<sup>14</sup> Hiring plan to be provided annually in the 4Q report

<sup>15</sup> New position created in 3Q 2015

*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*

Contractor expenses are billed on a lump sum basis and as such, hourly information is not available.

This portion of the report is confidential.

*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.

*Call-out Response*

This portion of the report is confidential.

ATTACHMENT A

Worst Performing Circuits - Reliability Indices

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OCT 30 2015

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

<b>Penn Power</b>													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Hermitage	W-260	Clark	2,389	63	2	541,663	8,433	3.41	227	3.53	64	0.28
2	Mercer	W-167	Clark	843	46	0	365,038	1,350	2.30	433	1.60	270	0.59
3	Wheatland	W-150	Clark	1,514	7	1	363,683	1,569	2.29	240	1.04	232	0.28
4	Knox	D509	Zelienople	968	18	2	354,654	2,255	2.23	366	2.33	157	0.53
5	Hillcrest	D-322	New Castle	1,125	4	1	352,485	1,161	2.22	313	1.03	304	0.00
6	Seneca	W700	Zelienople	1,061	43	0	314,060	2,131	1.98	296	2.01	147	1.01
7	Hadley	W-195	Clark	904	48	0	295,045	1,598	1.86	326	1.77	185	0.08
8	Stoneboro	W-131	Clark	1,406	56	0	289,001	1,949	1.82	206	1.39	148	0.34
9	Thompson Run	D550	Zelienople	991	42	1	270,584	1,717	1.71	273	1.73	158	0.07

Penelec													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Warren South	00220-41	Warren	2,920	99	0	2,277,569	10,334	3.91	780	3.54	220	3.11
2	Union City	00206-43	Erie	3,743	124	0	1,817,758	15,509	3.12	486	4.14	117	2.53
3	N Meshoppen Tran	00534-65	Montrose	967	39	0	982,205	3,514	1.69	1,016	3.63	280	2.69
4	Madera	00166-22	Philipsburg	2,155	61	1	952,893	3,931	1.64	442	1.82	242	0.42
5	Grandview	00354-51	Oil City	551	32	3	933,735	3,479	1.60	1,695	6.31	268	2.93
6	Buffalo Road	00580-31	Erie	1,433	19	2	820,520	4,036	1.41	573	2.82	203	4.47
7	Titusville	00387-51	Oil City	623	16	0	812,023	846	1.39	1,303	1.36	960	8.04
8	Tionesta Junction Sw Sta	00498-51	Oil City	1,077	45	1	802,793	6,804	1.38	745	6.32	118	10.27
9	Falls	00297-65	Montrose	795	30	0	721,911	2,433	1.24	908	3.06	297	0.32
10	Millcreek	00052-11	Johnstown	1,048	18	3	705,226	3,685	1.21	673	3.52	191	8.01
11	Tower 51	00051-11	Johnstown	576	23	0	664,650	1,919	1.14	1,154	3.33	346	0.00
12	East Pike	00096-13	Indiana	2,614	19	2	637,162	5,567	1.09	244	2.13	114	0.00
13	DuBois Central	00119-23	DuBois	1,362	30	0	636,994	2,815	1.09	468	2.07	226	0.78
14	French Road	00550-31	Erie	1,514	20	1	610,864	5,593	1.05	403	3.69	109	1.12
15	Marienville	00328-51	Oil City	1,201	38	0	604,986	3,615	1.04	504	3.01	167	23.23
16	Birmingham	00168-22	Philipsburg	1,069	44	0	589,279	4,941	1.01	551	4.62	119	3.03
17	East Pike	00095-13	Indiana	3,124	27	2	579,752	10,635	1.00	186	3.40	55	8.53
18	Cooper	00069-11	Johnstown	680	22	1	564,284	2,109	0.97	830	3.10	268	9.29
19	Piney	00523-51	Oil City	1,190	39	0	562,563	3,734	0.97	473	3.14	151	3.31
20	DuBois	00137-23	DuBois	3,087	72	0	545,117	3,944	0.94	177	1.28	138	0.09
21	Boyer	00584-31	Erie	1,576	22	2	531,726	3,417	0.91	337	2.17	156	2.00
22	Saxton	00625-73	Altoona	1,312	29	0	526,360	3,478	0.90	401	2.65	151	3.12
23	Punxsutawney	00625-23	DuBois	505	16	0	514,566	1,046	0.88	1,019	2.07	492	0.67
24	Philipsburg	00162-22	Philipsburg	3,365	84	0	513,628	5,387	0.88	153	1.60	95	4.18
25	Timblin	00103-23	DuBois	798	29	0	479,043	2,536	0.82	600	3.18	189	1.44
26	Hilltop	00048-11	Johnstown	2,294	17	1	447,977	3,087	0.77	195	1.35	145	0.00
27	Bradford South	00106-42	Bradford	1,086	24	0	439,542	2,614	0.76	405	2.41	168	0.00
28	Dixonville East	00098-13	Indiana	766	24	1	433,547	1,857	0.74	566	2.42	233	3.04
29	East Sayre	00518-61	Towanda	935	23	1	432,818	2,585	0.74	463	2.76	167	0.62
30	Lucerne	00091-13	Indiana	1,777	16	0	432,682	2,694	0.74	243	1.52	161	0.61
31	Corry East	00247-43	Warren	280	16	2	418,038	1,155	0.72	1,493	4.13	362	2.68
32	Knox	00325-51	Oil City	959	14	0	415,722	2,575	0.71	433	2.69	161	4.68
33	Boyer	00583-31	Erie	1,688	26	1	415,134	5,567	0.71	246	3.30	75	2.89
34	McConnellstown	00099-82	Altoona	776	16	3	405,408	3,638	0.70	522	4.69	111	13.81
35	Emlenton	00121-51	Oil City	582	27	1	401,359	1,234	0.69	690	2.12	325	1.99

Penelec													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
36	Buffalo Road	00265-31	Erie	869	15	0	399,129	1,455	0.69	459	1.67	274	6.20
37	Tiffany	00435-65	Montrose	1,594	29	0	386,710	1,976	0.66	243	1.24	196	3.72
38	Brookville West	00121-23	DuBois	742	37	0	375,531	1,348	0.65	506	1.82	279	0.00
39	Bay	00200-11	Johnstown	932	9	1	365,796	2,022	0.63	392	2.17	181	0.16
40	Pittsburgh Avenue	00524-31	Erie	1,612	27	2	355,146	4,390	0.61	220	2.72	81	1.19
41	Mercer Pike	00473-52	Meadville	544	16	1	343,409	1,133	0.59	631	2.08	303	6.06
42	Lake Como	00788-65	Montrose	622	27	1	342,766	1,572	0.59	551	2.53	218	10.00
43	Utica Junction	00318-51	Oil City	859	39	0	338,689	1,456	0.58	394	1.69	233	6.78
44	Blairsville East	00081-13	Indiana	1,646	24	2	336,823	4,416	0.58	205	2.68	76	7.41
45	Brookville	00125-23	DuBois	626	31	0	333,082	2,549	0.57	532	4.07	131	0.32
46	Belleville	00124-81	Lewistown	544	22	2	328,639	1,132	0.56	604	2.08	290	8.30
47	Snakespring	00628-73	Altoona	997	35	0	327,582	3,292	0.56	329	3.30	100	15.82
48	Lowell Avenue	00518-31	Erie	976	28	0	326,165	1,302	0.56	334	1.33	251	2.47
49	Edgewood	00089-13	Indiana	882	21	2	318,462	2,305	0.55	361	2.61	138	2.01
50	Seward	00075-11	Johnstown	1,054	30	0	316,218	2,920	0.54	300	2.77	108	3.66
51	Logan	00700-81	Lewistown	1,010	24	0	312,341	1,611	0.54	309	1.60	194	11.74
52	Edinboro South	00424-34	Erie	749	11	0	310,843	1,501	0.53	415	2.00	207	10.33
53	Knox	00323-51	Oil City	1,321	34	0	304,796	2,145	0.52	231	1.62	142	4.51
54	Ralphton	00014-12	Somerset	1,781	42	0	303,508	3,374	0.52	170	1.89	90	11.58
55	East Towanda	00525-62	Towanda	553	34	0	301,632	1,754	0.52	545	3.17	172	2.69
56	McKean	00411-34	Erie	1,030	39	1	301,008	1,932	0.52	292	1.88	156	12.56
57	Madera	00147-22	Philipsburg	1,060	42	1	293,433	3,536	0.50	277	3.34	83	5.77
58	East Hickory	00200-41	Warren	465	17	0	291,818	565	0.50	628	1.22	516	24.94
59	Thompson	00436-65	Montrose	1,334	55	0	290,681	1,550	0.50	218	1.16	188	0.44
60	Natl Forge Sw Sta	00577-41	Warren	518	35	0	287,233	2,293	0.49	555	4.43	125	3.72
61	East Hickory	00201-41	Warren	341	20	0	285,190	1,225	0.49	836	3.59	233	26.55
62	Ralphton	00015-12	Somerset	1,140	30	0	283,081	1,311	0.49	248	1.15	216	12.67
63	Salix	00070-11	Johnstown	2,210	37	0	280,949	3,132	0.48	127	1.42	90	0.73

Met-Ed													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	North Bangor	00826-3	Easton	3,181	119	0	1,963,349	7,928	3.55	617	2.49	248	0.00
2	Shawnee	00895-3	Stroudsburg	3,723	97	0	1,520,977	6,999	2.75	409	1.88	217	0.67
3	Fox Hill	00816-3	Stroudsburg	3,805	66	1	1,378,920	9,159	2.49	362	2.41	151	3.47
4	Birdsboro	00756-1	Reading	1,520	64	3	1,209,583	6,277	2.19	796	4.13	193	21.94
5	Birchwood	00623-3	Stroudsburg	1,257	38	2	1,111,227	4,286	2.01	884	3.41	259	1.04
6	S. Nazareth	00809-3	Easton	3,096	46	0	1,046,061	6,193	1.89	338	2.00	169	0.00
7	Birchwood	00622-3	Stroudsburg	1,829	33	2	995,508	5,660	1.80	544	3.09	176	0.11
8	Bern Church	00789-1	Reading	1,413	68	0	774,379	2,936	1.40	548	2.08	264	2.01
9	Swatara Hill	00763-2	Lebanon	1,402	33	1	774,288	3,129	1.40	552	2.23	247	10.49
10	Swatara Hill	00764-2	Lebanon	1,429	45	3	761,666	5,622	1.38	533	3.93	135	2.97
11	Painted Sky	00650-1	Reading	1,771	11	1	712,801	3,732	1.29	402	2.11	191	1.99
12	Straban	00676-4	Gettysburg	1,087	34	1	683,522	3,348	1.23	629	3.08	204	2.91
13	Shawnee	00899-3	Stroudsburg	1,765	65	0	666,763	6,005	1.20	378	3.40	111	0.00
14	Bernville	00786-1	Hamburg	1,819	46	0	666,201	3,335	1.20	366	1.83	200	0.00
15	Annaville	00741-2	Lebanon	963	33	3	662,674	3,065	1.20	688	3.18	216	14.89
16	Mountain	00744-4	Dillsburg	1,591	49	0	655,427	2,927	1.18	412	1.84	224	0.00
17	Carsonia	00764-1	Reading	2,865	36	1	613,619	4,710	1.11	214	1.64	130	0.00
18	Flying Hills	00776-1	Reading	1,492	31	1	610,253	4,994	1.10	409	3.35	122	2.57
19	Lynnville	00737-1	Hamburg	1,040	64	0	603,914	3,055	1.09	581	2.94	198	2.03
20	Birdsboro	00757-1	Reading	1,927	49	1	600,996	4,667	1.09	312	2.42	129	2.12
21	State Street	00620-1	Hamburg	878	10	2	522,995	2,716	0.94	596	3.09	193	0.00
22	North Hanover	00509-4	Hanover	1,171	15	3	521,993	5,350	0.94	446	4.57	98	6.01
23	Flying Hills	00777-1	Reading	1,757	51	1	518,341	3,956	0.94	295	2.25	131	11.12
24	Shawnee	00860-3	Stroudsburg	3,074	48	0	514,093	5,566	0.93	167	1.81	92	2.00
25	Bath	00873-3	Easton	2,117	35	1	510,560	4,679	0.92	241	2.21	109	0.00
26	North Cornwall	00610-2	Lebanon	1,846	45	0	499,635	2,853	0.90	271	1.55	175	4.82
27	Newberry	00586-4	York	1,606	39	2	483,545	4,609	0.87	301	2.87	105	1.99
28	Newberry	00576-4	York	1,785	63	1	469,657	3,552	0.85	263	1.99	132	8.71
29	Windsor	00797-4	York	1,533	55	0	467,575	3,733	0.84	305	2.44	125	7.00
30	Saylorburg	00114-3	Stroudsburg	679	19	1	452,466	1,136	0.82	666	1.67	398	0.00
31	Allen	00502-4	Dillsburg	1,073	46	1	446,863	3,716	0.81	416	3.46	120	2.01
32	Ringling Rocks	00708-1	Boyertown	2,259	33	1	441,224	4,490	0.80	195	1.99	98	1.00
33	East Tipton	00733-1	Reading	1,380	36	1	441,038	2,272	0.80	320	1.65	194	0.00
34	Mountain	00740-4	Dillsburg	2,517	40	1	439,703	5,670	0.79	175	2.25	78	0.00
35	Lickdale	00626-2	Lebanon	2,069	44	1	434,529	3,723	0.79	210	1.80	117	1.00

<b>Met-Ed</b>													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
36	South Hamb	00741-1	Hamburg	1,584	37	1	428,226	2,245	0.77	270	1.42	191	0.00
37	Taxville	00575-4	York	2,148	44	1	414,286	6,411	0.75	193	2.98	65	6.00
38	North Lebanon	00712-2	Lebanon	1,924	42	1	407,987	4,153	0.74	212	2.16	98	3.00

<b>West Penn Power</b>												
<b>Circuit Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>District</b>	<b>Average Customers</b>	<b>Outages</b>	<b>Lockouts</b>	<b>Customer Minutes</b>	<b>Customers Affected</b>	<b>SAIDI Impact</b>	<b>SAIDI</b>	<b>SAIFI</b>	<b>CAIDI</b>
1	Cecil	Bishop	Boyce	1,610	42	1	1,660,754	6,273	2.34	1,032	3.9	265
2	Kiski Valley Distrib	Kittanning Rd	Arnold	1,803	33	1	1,629,115	5,588	2.29	904	3.1	292
3	Dutch Fork	Claysville	Washington Pa	1,597	78	2	1,436,641	6,836	2.02	900	4.3	210
4	Vandergrift	Grifflo Park	Arnold	2,719	52	3	1,286,718	9,154	1.81	473	3.4	141
5	Lagonda	Lagonda	Washington Pa	1,412	38	1	1,183,594	2,283	1.67	838	1.6	518
6	Whiteley	Mt. Morris	Jefferson	1,140	36	0	1,108,388	2,386	1.56	972	2.1	465
7	Galley	Waterdam	Washington Pa	1,655	9	0	996,523	2,556	1.40	602	1.5	390
8	Westraver	Pittsburgh Coal	Charleroi	2,252	28	1	988,226	7,529	1.39	439	3.3	131
9	McDonald	Primrose	McDonald	1,851	38	0	983,307	2,882	1.39	531	1.6	341
10	Weedville	Weedville	St Marys	1,359	21	0	962,576	1,970	1.36	708	1.5	489
11	Shaffers Corner	Seventh St Rd	Arnold	2,065	24	3	956,636	8,920	1.35	463	4.3	107
12	Gordon	Wolfdale	Washington Pa	2,060	38	1	916,783	3,946	1.29	445	1.9	232
13	Shaffers Corner	Braeburn	Arnold	1,294	26	1	864,006	3,615	1.22	668	2.8	239
14	Franklin	Rogersville	Jefferson	847	35	2	786,052	2,944	1.11	928	3.5	267
15	Amity	Banetown	Washington Pa	1,491	42	0	782,053	2,985	1.10	525	2.0	262
16	Finleyville	Gastonsville	Charleroi	1,587	22	0	775,151	5,861	1.09	488	3.7	132
17	Cecil	Southpointe	Boyce	503	8	1	749,214	2,760	1.06	1,489	5.5	271
18	Driftwood	Driftwood	St Marys	969	22	1	748,338	2,768	1.05	772	2.9	270
19	Hickory	Hickory	McDonald	910	68	0	745,664	4,344	1.05	819	4.8	172
20	Gordon	Tyler	Washington Pa	1,876	31	4	733,601	7,180	1.03	391	3.8	102
21	Butler	Center Ave	Butler	1,669	28	0	706,897	3,378	1.00	424	2.0	209
22	Cecil	Hendersonville	Boyce	2,026	14	1	692,403	4,104	0.98	342	2.0	169
23	Houston	Murdock	Washington Pa	2,090	25	2	681,695	4,723	0.96	326	2.3	144
24	North Fayette	Oakdale	McDonald	1,373	15	2	678,477	2,930	0.96	494	2.1	232
25	Charleroi	Warner	Charleroi	1,281	16	2	669,292	3,089	0.94	522	2.4	217
26	Cecil	Muse	Boyce	819	12	1	660,851	1,715	0.93	807	2.1	385
27	Piney Fork	Cochran Mill	Charleroi	1,085	18	2	659,267	3,220	0.93	608	3.0	205
28	Lake Lynn-Union	Fancy Hill	Uniontown	939	44	0	655,902	2,608	0.92	699	2.8	252
29	Vanceville	Vanceville	Charleroi	1,376	48	0	650,725	2,142	0.92	473	1.6	304
30	Westraver	Fellsburg	Charleroi	1,155	25	1	644,439	2,639	0.91	558	2.3	244
31	Murrycrest	Sardis Road	Jeannette	1,485	31	3	641,307	5,167	0.90	432	3.5	124
32	Donegal	Champion	Pleasant Valley	1,167	22	2	598,204	3,457	0.84	513	3.0	173
33	Westraver	West Newton	Charleroi	1,728	31	0	571,348	2,735	0.80	331	1.6	209
34	Hickory	Fort Cherry	McDonald	1,015	30	1	570,622	2,400	0.80	562	2.4	238
35	Houston	Canonsburg	Washington Pa	1,298	11	1	560,394	2,007	0.79	432	1.6	279

General Note: MAIFI values are not available for West Penn Power

<b>West Penn Power</b>												
<b>Circuit Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>District</b>	<b>Average Customers</b>	<b>Outages</b>	<b>Lockouts</b>	<b>Customer Minutes</b>	<b>Customers Affected</b>	<b>SAIDI Impact</b>	<b>SAIDI</b>	<b>SAIFI</b>	<b>CAIDI</b>
36	Rutan	Bristoria	Jefferson	1,175	49	0	559,305	1,671	0.79	476	1.4	335
37	Smithton	Fitzhenry	Charleroi	1,126	21	1	539,395	2,430	0.76	479	2.2	222
38	Emporium	West Creek	St Marys	1,039	18	1	531,474	1,652	0.75	512	1.6	322
39	Wilcox	Wilcox	St Marys	947	42	0	528,908	1,638	0.74	559	1.7	323
40	South Fayette 138	Abele	Boyce	919	19	1	511,703	2,550	0.72	557	2.8	201

General Note: MAIFI values are not available for West Penn Power

ATTACHMENT B

Worst Performing Circuits – Remedial Actions

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OCT 30 2015

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

As ordered on March 30, 2015 at Docket Nos. D-2014-2365991, D-2014-2365992, D-2014-2365993, and D-2014-2365994, *Implementation Plan of the Focused Management Audit of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company, and West Penn Power Company* (Appendix A)(1): FirstEnergy is directed to provide additional detail in its reporting of the 5% of worst performing circuits in its Commission Quarterly Reliability Reports to highlight those circuits that appear multiple times on Quarterly Reliability Reports, but not necessarily in four quarters in a calendar year. For each Quarterly Reliability Report filed pursuant to 52 Pa. Code § 57.195, this additional detail shall include highlighting those worst performing circuits that have appeared in two or more Quarterly Reliability Reports in the past four quarters.

<b>Penn Power</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
1	Hermitage	W-260	<i>Performance was driven by trees off ROW (41%), equipment failure (38%), and vehicles (8%).</i>			2Q 2015 3Q 2015
			Repair damage caused by a vehicle	Complete	Nov-14	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-14	
			Repair equipment failure	Complete	May-15	
			Enhanced tree trimming	To be completed 2015	89%	
2	Mercer	W-167	<i>Performance was driven by lightning (43%), trees off ROW (30%), and equipment failure (11%).</i>			2Q 2015 3Q 2015
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-14	
			Reliability job to install fuses	Complete	Oct-14	
			Repair line failure	Complete	Dec-14	
			Repair line failure	Complete	Jan-15	
			On cycle tree trimming	To be completed 2015	93%	
			Enhanced tree trimming	To be completed 2015	45%	
3	Wheatland	W-150	<i>Performance was driven by equipment failure (62%) and lightning (37%).</i>			
			Repair damage caused by lightning	Complete	Jun-15	
			Repair equipment failure	Complete	Aug-15	

<b>Penn Power</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
4	Knox	D509	<i>Performance was driven by trees off ROW (75%) and equipment failure (31%). No significant outages occurred in the third quarter.</i>			2Q 2015 3Q 2015
			Repair equipment failure	Complete	Nov-14	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jun-15	
			On cycle tree trimming	To be completed 2015	98%	
5	Hillcrest	D-322	<i>Performance was driven by object contact with line (96%) and customer equipment (3%).</i>			
			The object was removed and associated repairs were made at time of restoration	Complete	Aug-15	
			Repair equipment failure	Complete	Aug-15	
6	Seneca	W700	<i>Performance was driven by trees off ROW (45%), lightning (24%), and vehicles (19%).</i>			
			Repair damage caused by tree	Complete	Feb-15	
			Repair damage caused by tree	Complete	Jun-15	
			Repair damage caused by lightning	Complete	Jun-15	
			Repair damage caused by a vehicle	Complete	Aug-15	
			Repair damage caused by tree	Complete	Sep-15	
7	Hadley	W-195	<i>Performance was driven by trees off ROW (32%), line failure (29%), and ice (12%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by vehicle	Complete	Jul-14	
			Repair damage caused by tree	Complete	Nov-14	
			Repair line failure	Complete	Feb-15	
			Conduct thermal scan of circuit	Complete	Mar-15	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	May-15	
			Reliability job to install fuses	Complete	May-15	
			Repair line failure	Complete	Aug-15	
			Enhanced tree trimming	To be completed 2015	99%	

<b>Penn Power</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
8	Stoneboro	W-131	<i>Performance was driven by trees off ROW (38%), equipment failure (26%), and line failure (19%).</i>			1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by tree	Complete	May-14	
			Reliability job to install fuses	Complete	Jun-14	
			Repair damage caused by tree	Complete	Sep-14	
			Reliability job to install fuses	Complete	Nov-14	
			Repair equipment failure	Complete	Jan-15	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jun-15	
			Reliability job to install fuses	Complete	Jun-15	
			Repair line failure	Complete	Aug-15	
			Enhanced tree trimming	To be completed 2015	99%	
9	Thompson Run	D-550	<i>Performance was driven by trees off ROW (63%), lightning (19%), and vehicle (11%).</i>			4Q 2014 3Q 2015
			Repair damage caused by tree	Complete	Apr-14	
			Repair damage caused by tree	Complete	Oct-14	
			On cycle tree trimming	To be completed 2015	0%	
	Canal	W-101	<i>Performance was driven by equipment failure (37%) and trees off ROW (21%). No significant outages occurred on this circuit during the third quarter.</i>			4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure	Complete	Jul-14	
			Repair damage caused by tree	Complete	Sep-14	
			Forestry to trim circuit	Complete	Apr-15	
			Conduct thermal scan of circuit	Complete	Sep-15	
			Enhanced tree trimming	To be completed 2015	99%	
	Hartstown	W-125	<i>Performance was driven by trees off ROW (76%) and line failure (16%). No significant outages occurred on this circuit during the third quarter.</i>			4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by tree	Complete	Jul-14	
			Repair damage caused by tree	Complete	Nov-14	
			Reliability job to install fuse	Complete	Dec-14	
			Conduct thermal scan of circuit	Complete	Feb-15	
			Enhanced tree trimming	To be completed 2015	92%	

<b>Penn Power</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
	Jamestown	W-162	<i>Performance was driven by trees off ROW (48%), equipment failure (19%), line failure (18%), and animals (6%). No significant outages occurred on this circuit during the third quarter.</i>			4Q 2014 1Q 2015 2Q 2015
			Reliability job to install fuses	Complete	May-14	
			Repair line failure	Complete	Jul-14	
			Repair damage caused by tree	Complete	Jul-14	
			Repair equipment failure	Complete	Sep-14	
			Conduct thermal scan of circuit	Complete	Sep-15	
			Enhanced tree trimming	To be completed 2015	95%	
	Mercer	W-128	<i>Performance was driven by trees off ROW (55%) and line failure (15%).</i>			
			Repair damage caused by tree	Complete	Jun-14	
			Repair line failure	Complete	Jan-15	
			On cycle tree trimming	To be completed 2015	99%	
	Mercer	W-129	<i>Performance was driven by lightning (50%), trees off ROW (11%), animals (10%), and equipment failure (7%).</i>			4Q 2014 1Q 2015
			Repair damage caused by tree	Complete	Apr-14	
			Repair equipment failure	Complete	Aug-14	
			Repair damage caused by tree	Complete	Nov-14	
			Conduct thermal scan of circuit	Complete	Feb-15	
			Enhanced tree trimming	To be completed 2015	0%	
			On cycle tree trimming	To be completed 2015	99%	
	Stoneboro	W-132	<i>Performance was driven by trees off ROW (68%) and line failure (19%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure	Complete	May-14	
			Reliability job to install fuses	Complete	Jun-14	
			Repair damage caused by tree	Complete	Sep-14	
			Repair damage caused by tree	Complete	Dec-14	
			Repair line failure	Complete	Feb-15	
			Conduct thermal scan of circuit	Complete	Feb-15	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jun-15	
			Enhanced tree trimming	To be completed 2015	9% <sup>16</sup>	
			On cycle tree trimming	To be completed 2015	97%	

<sup>16</sup> Figure was incorrectly reported as 99% in the 2<sup>nd</sup> quarter 2015 report.

<b>Penelec</b>							
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>	
1	Warren South	00220-41	<i>Performance was driven by trees off ROW (84%) and line failure (10%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair equipment failure	Complete	Apr-14		
			Repair pole and wire damage due to wind	Complete	Jun-14		
			Repair damage caused by trees during a storm	Complete	Jul-14		
			Repair line failure	Complete	Nov-14		
			Repair damage caused by trees during a storm	Complete	Nov-14		
			Targeted main line rehab	Complete	Jun-15		
			Repair damage caused by trees during a storm	Complete	Jun-15		
			Circuit inspection	Complete	Aug-15		
2	Union City	00206-43	<i>Performance was driven by equipment failure (32%), lightning (31%), and trees off ROW (20%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Restore recloser operation of unknown cause	Complete	Jun-14		
			Restore recloser operation of unknown cause	Complete	Jul-14		
			Repair equipment failure	Complete	Aug-14		
			Repair equipment failure	Complete	Jan-15		
			Repair damage caused by lightning	Complete	May-15		
			Circuit inspection	Complete	Jul-15		
			Repair damage caused by lightning	Complete	Sep-15		
			Porcelain cutout replacement	To be completed 2015	0%		
3	N Meshoppen Tran	00534-65	<i>Performance was driven by trees off ROW (83%) and equipment failure (7%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14		
			Repair equipment failure	Complete	Oct-14		
			Restore fuse after operation from unknown cause	Complete	Nov-14		
			Repair damage caused by trees during a storm	Complete	Jun-15		
			Porcelain cutout replacement	To be completed 2015	0%		

<b>Penelec</b>							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Progress of Remedial Work or Date Completed	Appeared in 2 of 4 Quarters	
4	Madera	00166-22	<i>Performance was driven by trees off ROW (48%), line failure (27%), and equipment failure (16%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair line failure	Complete	Jun-14		
			Repair damage caused by trees during a storm	Complete	Jun-14		
			Repair tree damage	Complete	Jul-14		
			Repair line failure during a storm	Complete	Jan-15		
			Repair equipment failure during a storm	Complete	Jan-15		
			Repair damage caused by trees during a storm	Complete	May-15		
			Circuit inspection	Complete	Jun-15		
			Targeted main line rehab	Complete	Jun-15		
			Repair line failure	Complete	Sep-15		
			Porcelain cutout replacement	To be completed 2015	0%		
			On cycle tree trimming	To be completed 2015	82%		
5	Grandview	00354-51	<i>Performance was driven by trees off ROW (78%), line failure (17%), and vehicles (4%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14		
			Repair damage caused by trees	Complete	Aug-14		
			Repair damage caused by vehicle accident	Complete	Nov-14		
			Repair line failure	Complete	Feb-15		
6	Buffalo Road	00580-31	<i>Performance was driven by line failure (57%) and animals (35%).</i>				2Q 2015 3Q 2015
			Restore breaker operation of unknown cause	Complete	Sep-14		
			Repair damage caused by animal contact	Complete	Jun-15		
			Repair line failure during a storm	Complete	Sep-15		
7	Titusville	00387-51	<i>Performance was driven by trees off ROW (98%). 93% of the outages occurred at two locations on the same day.</i>				2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	May-15		

<b>Penelec</b>							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Progress of Remedial Work or Date Completed	Appeared in 2 of 4 Quarters	
8	Tionesta Jct Sw Sta	00498-51	<i>Performance was driven by trees off ROW (46%), equipment failure (41%), and recloser operation of unknown cause (9%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by lightning	Complete	May-14		
			Repair damage caused by lightning	Complete	May-14		
			Repair damage caused by trees during a storm	Complete	Jun-14		
			Repair damage caused by trees during a storm	Complete	Jul-14		
			Off right-of-way tree trim identified by circuit patrol	Complete	Sep-14		
			Restore recloser operation of unknown cause	Complete	Jan-15		
			Repair equipment failure	Complete	Mar-15		
			Repair equipment failure	Complete	Mar-15		
			Repair damage caused by trees during a storm	Complete	Jul-15		
			Porcelain cutout replacement	Complete	Sep-15		
On cycle tree trimming	To be completed 2015	40%					
9	Falls	00297-65	<i>Performance was driven by equipment failure (47%) and trees off ROW (45%).</i>				4Q 2014 2Q 2015 3Q 2015
			Repair damage caused by a tree during a storm	Complete	Jul-14		
			Repair damage caused by trees	Complete	Nov-14		
			Repair damage caused by trees	Complete	Apr-15		
			Add additional protection per circuit coordination	Complete	Apr-15		
Repair equipment failure	Complete	Jun-15					
10	Millcreek	00052-11	<i>Performance was driven by line failure (50%), trees off ROW (26%), and vehicles (16%).</i>				1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	Oct-14		
			Repair damage caused by vehicle accident	Complete	Feb-15		
			Repair line failure	Complete	Feb-15		
11	Tower 51	00051-11	<i>Performance was driven by trees off ROW (37%), animals (31%), and equipment failure (30%).</i>				2Q 2015 3Q 2015
			Repair equipment failure	Complete	Apr-15		
			Repair damage caused by animal contact	Complete	May-15		
			Repair damage caused by trees during a storm	Complete	Jun-15		

<b>Penelec</b>							
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>	
12	East Pike	00096-13	<i>Performance was driven by lightning (67%) and vehicles (21%).</i>			Jun-15 Jun-15 Aug-15	2Q 2015 3Q 2015
			Repair damage caused by lightning	Complete			
			Repair damage caused by vehicle accident	Complete			
			Circuit inspection	Complete			
13	DuBois Central	00119-23	<i>Performance was driven by trees off ROW (86%).</i>			Jun-14 Sep-14 Sep-14 Nov-14 Feb-15 Jun-15	4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete			
			Restore fuse operation of unknown cause during a storm	Complete			
			Repair damage caused by trees during a storm	Complete			
			Repair damage caused by trees during a storm	Complete			
			Repair damage caused by trees	Complete			
			Repair damage caused by trees during a storm	Complete			
14	French Road	00625-23	<i>Performance was driven by equipment failure (81%) and line failure (13%).</i>			Dec-14 Jul-15 Aug-15	
			Repair equipment failure	Complete			
			Repair line failure	Complete			
			Repair equipment failure	Complete			
15	Marienville	00328-51	<i>Performance was driven by trees off ROW (81%) and line failure (11%).</i>			Apr-14 Sep-14 Oct-14 Nov-14 Apr-15 Jul-15 Aug-15	4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by a tree	Complete			
			Full cycle tree trimming	Complete			
			Repair damage caused by trees	Complete			
			Repair damage caused by trees during a storm	Complete			
			Repair line failure	Complete			
			Repair line failure	Complete			
			Circuit inspection	Complete			

<b>Penelec</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
16	Birmingham	00168-22	<i>Performance was driven by line failure (33%), vehicles (21%), and recloser operation of unknown cause (16%).</i>			1Q 2015 2Q 2015 3Q 2015
			Repair equipment failure	Complete	May-14	
			Restore recloser after operation from unknown cause	Complete	Nov-14	
			Repair line failure	Complete	Jan-15	
			Repair damage caused by trees during a storm	Complete	Jun-15	
			Repair damage caused by a vehicle	Complete	Sep-15	
			Porcelain cutout replacement	To be completed 2015	0%	
17	East Pike	00095-13	<i>Performance was driven by equipment failure (68%) and line failure (18%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair line failure	Complete	Aug-14	
			Install additional fault indicators	Complete	Sep-14	
			Repair equipment failure	Complete	Sep-14	
			Repair equipment failure	Complete	Dec-14	
			Repair equipment failure	Complete	May-15	
			Circuit inspection	Complete	Aug-15	
			Repair line failure	Complete	Sep-15	
			Targeted main line rehab	To be completed 2015	0%	
18	Cooper	00069-11	<i>Performance was driven by trees off ROW (48%), line failure (38%), and wind (12%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	Jun-14	
			Full cycle tree trimming	Complete	Jul-14	
			Repair line failure	Complete	Aug-14	
			Circuit inspection	Complete	Aug-14	
			Repair damage caused by wind	Complete	Dec-14	
			Repair line failure during a storm	Complete	Jun-15	
Repair damage caused by trees during a storm	Complete	Jun-15				

<b>Penelec</b>							
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>	
19	Piney	00523-51	<i>Performance was driven by equipment failure (41%), animals (21%), trees off ROW (15%), and line failure (7%).</i>				1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	Jun-14		
			Repair line failure	Complete	Feb-15		
			Repair equipment failure during a storm	Complete	Mar-15		
			Repair damage from animal contact	Complete	May-15		
			On cycle tree trimming	Complete	Jun-15		
Porcelain cutout replacement	To be completed 2015	99%					
20	DuBois	00137-23	<i>Performance was driven by equipment failure (36%), vehicles (20%), and recloser operation of unknown cause (15%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair line failure	Complete	May-14		
			Repair damage caused by trees during a storm	Complete	Jun-14		
			Repair damage caused by a vehicle	Complete	Mar-15		
			Full cycle tree trimming	Complete	May-15		
			Repair equipment failure during a storm	Complete	Jun-15		
			Restore recloser operation of unknown cause	Complete	Jun-15		
			Circuit inspection	Complete	Jul-15		
			Repair equipment failure	Complete	Aug-15		
Porcelain cutout replacement	To be completed 2015	0%					
21	Boyer	00584-31	<i>Performance was driven by trees off ROW (63%) and lightning (31%).</i>				
			Repair damage caused by trees	Complete	Nov-14		
			Repair damage caused by lightning	Complete	Jul-15		
22	Saxton	00625-73	<i>Performance was driven by trees off ROW (45%), equipment failure (23%), and animals (14%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14		
			Repair damage caused by trees	Complete	Oct-14		
			Repair damage from animal contact	Complete	Jun-15		
			Repair equipment failure	Complete	Jun-15		
Circuit inspection	Complete	Jul-15					

<b>Penelec</b>							
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>	
23	Punxsutawney	00625-23	<i>Performance was driven by line failure (99%). One outage accounted for 99% of the CMI in the past twelve months.</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair line failure	Complete	Jun-14		
			Repair damage caused by trees during a storm	Complete	Jul-14		
			Repair damage caused by trees during a storm	Complete	Sep-14		
			Repair line failure	Complete	Nov-14		
24	Philipsburg	00162-22	<i>Performance was driven by equipment failure (70%), lightning (14%), and vehicles (8%).</i>				
			Repair damage caused by a vehicle	Complete	Oct-14		
			Replace selected deteriorated equipment identified by circuit patrol	Complete	Dec-14		
			Repair damage caused by lightning	Complete	Jun-15		
			Repair equipment failure during a storm	Complete	Jul-15		
			Repair equipment failure	Complete	Jul-15		
			Repair equipment failure	Complete	Sep-15		
			Porcelain cutout replacement	To be completed 2015	0%		
25	Timblin	00103-23	<i>Performance was driven by trees off ROW (80%) and equipment failure (9%).</i>				2Q 2015 3Q 2015
			Install additional fault indicators	Complete	May-14		
			Full cycle tree clearing	Complete	Dec-14		
			Repair damage caused by trees during a storm	Complete	May-15		
			Repair damage caused by trees during a storm	Complete	Jun-15		
26	Hilltop	00048-11	<i>Performance was driven by lightning (81%) and vehicles (8%).</i>				
			Repair damage caused by vehicle accident	Complete	Jul-15		
			Repair damage caused by lightning	Complete	Aug-15		
27	Bradford South	00106-42	<i>Performance was driven by trees off ROW (44%), fuse operation of unknown cause (33%), and vehicles (19%).</i>				2Q 2015 3Q 2015
			Repair damage caused by vehicle accident	Complete	Jan-15		
			Repair damage caused by trees during a storm	Complete	Jun-15		
			Repair damage caused by trees during a storm	Complete	Jun-15		
			Circuit inspection	Complete	Sep-15		
			Restore fuse after operation from unknown cause	Complete	Sep-15		

<b>Penelec</b>						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Progress of Remedial Work or Date Completed	Appeared in 2 of 4 Quarters
28	Dixonville East	00098-13	<i>Performance was driven by trees off ROW (58%), lightning (20%), and equipment failure (13%).</i>			2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	May-15	
			Repair damage caused by lightning	Complete	Jun-15	
			Repair equipment failure during a storm	Complete	Jun-15	
29	East Sayre	00518-61	<i>Performance was driven by trees off ROW (46%), equipment failure (29%), and line failure (20%).</i>			
			Repair equipment failure	Complete	Mar-15	
			Repair line failure	Complete	Jun-15	
			Repair damage caused by trees	Complete	Jul-15	
			Porcelain cutout replacement	To be completed 2015	0%	
30	Lucerne	00091-13	<i>Performance was driven by trees off ROW (86%) and equipment failure (10%).</i>			
			Repair equipment failure during a storm	Complete	May-15	
			Repair damage caused by trees	Complete	Aug-15	
31	Corry East	00247-43	<i>Performance was driven by trees off ROW (74%) and equipment failure (17%).</i>			
			Repair damage caused by trees during a storm	Complete	Jun-15	
			Repair damage caused by trees during a storm	Complete	Sep-15	
			Repair equipment failure	Complete	Sep-15	
32	Knox	00325-51	<i>Performance was driven by trees off ROW (50%), line failure (29%), and vehicles (19%).</i>			4Q 2014 3Q 2015
			Repair equipment failure	Complete	Jun-15	
			Repair damage caused by trees during a storm	Complete	Sep-15	
			Repair damage caused by vehicle accident	Complete	Oct-15	
			Repair line failure	Complete	Nov-15	
33	Boyer	00583-31	<i>Performance was driven by lightning (44%) and equipment failure (34%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by vehicle	Complete	Aug-14	
			Repair equipment failure	Complete	Jan-15	
			Circuit inspection	Complete	Jun-15	
			Repair damage caused by lightning	Complete	Jul-15	
34	McConnellstown	00099-82	<i>Performance was driven by a breaker operation of unknown cause (50%), trees off ROW (34%), and line failure (9%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair line failure	Complete	Jun-14	
			Repair line failure	Complete	Dec-14	
			Restore breaker operation of unknown cause	Complete	Mar-15	
			Repair damage caused by trees during a storm	Complete	Jun-15	
			Circuit inspection	Complete	Aug-15	

<b>Penelec</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
35	Emlenton	00121-51	<i>Performance was driven by trees off ROW (93%). Two outages accounted for 93% of the CMI.</i>			
			Repair damage caused by trees during a storm	Complete	May-15	
			Repair damage caused by trees during a storm	Complete	Sep-15	
36	Buffalo Road	00265-31	<i>Performance was driven by vehicles (76%) and equipment failure (16%). Two outages accounted for 84% of the CMI.</i>			1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by vehicle accident	Complete	Jan-15	
			Repair equipment failure	Complete	Jan-15	
			Porcelain cutout replacement	To be completed 2015	0%	
37	Tiffany	00435-65	<i>Performance was driven by vandalism (67%), vehicles (11%), and line failure (10%).</i>			4Q 2014 3Q 2015
			Repair line damage from non-company human error	Complete	Apr-14	
			Repair damage caused by vehicle accident	Complete	Nov-14	
			Repair line failure	Complete	Mar-15	
			Repair damage caused by vandalism	Complete	Jul-15	
38	Brookville West	00121-23	<i>Performance was driven by trees off ROW (46%) and vehicles (42%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair damage caused by trees	Complete	Oct-14	
			Repair damage caused by trees during a storm	Complete	Nov-14	
			Repair equipment failure	Complete	Mar-15	
			Repair damage caused by a vehicle	Complete	Apr-15	
39	Bay	00200-11	<i>Performance was driven by vehicles (74%) and line failure (21%). Two outages accounted for 94% of the CMI.</i>			
			Repair line failure	Complete	Jul-15	
			Repair damage caused by vehicle accident	Complete	Sep-15	
40	Pittsburgh Avenue	00524-31	<i>Performance was driven by equipment failure (43%), vehicles (26%), and line failure (18%).</i>			
			Add additional protection per circuit coordination	Complete	Oct-14	
			Repair damage caused by a vehicle	Complete	Nov-14	
			Repair line failure during a storm	Complete	Apr-15	
			Repair equipment damage	Complete	Jul-15	

<b>Penelec</b>							
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>	
41	Mercer Pike	00473-52	<i>Performance was driven by trees off ROW (96%). One outage accounted for 88% of the CMI.</i>				
			Repair damage caused by trees during a storm	Complete	Jun-15		
			Repair damage caused by trees during a storm	Complete	Sep-15		
42	Lake Como	00788-65	<i>Performance was driven by trees off ROW (79%) and equipment failure (20%).</i>				2Q 2015 3Q 2015
			Repair damaged caused by trees during a storm	Complete	Jul-14		
			Repair equipment failure during a storm	Complete	Jul-14		
			Repair equipment failure	Complete	Apr-15		
			Repair damaged caused by trees	Complete	Jul-15		
			Repair damaged caused by trees	Complete	Sep-15		
43	Utica Junction	00318-51	<i>Performance was driven by line failure (32%), trees off ROW (29%), lightning (25%), and equipment failure (13%).</i>				2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	Jun-14		
			Repair damage due to lightning strike	Complete	Jun-14		
			Repair equipment failure	Complete	Jul-14		
			Repair line failure during a storm	Complete	Apr-15		
			Repair damage due to lightning strike	Complete	Jun-15		
			Circuit inspection	Complete	Aug-15		
44	Blairsville East	00081-13	<i>Performance was driven by equipment failure (69%) and a breaker operation of an unknown cause (20%). Two outages accounted for 85% of the CMI.</i>				2Q 2015 3Q 2015
			Repair line failure	Complete	Jul-14		
			Repair equipment failure during a storm	Complete	Jun-15		
			Restore breaker operation of unknown cause during a storm	Complete	Jun-15		
45	Brookville	00125-23	<i>Performance was driven by lightning (26%), trees off ROW (24%), equipment failure (16%), and line failure (12%).</i>				2Q 2015 3Q 2015
			Repair damaged caused by trees	Complete	Aug-14		
			Repair line failure	Complete	Feb-15		
			Repair damage caused by lightning	Complete	Jun-15		
			Repair equipment failure	Complete	Jun-15		

<b>Penelec</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
46	Belleville	00124-81	<i>Performance was driven by vehicles (79%) and line failure (20%). Two outages accounted for 99% of the CMI.</i>			1Q 2015 2Q 2015 3Q 2015
			Repair line failure	Complete	Jan-15	
			Repair damage caused by a vehicle	Complete	Jan-15	
			Circuit inspection	Complete	Jun-15	
47	Snakespring	00628-73	<i>Performance was driven by line failure (52%), equipment failure (25%), and human error (15%).</i>			4Q 2014 3Q 2015
			Repair equipment failure	Complete	Jun-14	
			Repair equipment failure	Complete	Oct-14	
			Repair line failure	Complete	Dec-14	
			Repair line failure	Complete	Jun-15	
			Restore fuse operation from non-company human error	Complete	Sep-15	
48	Lowell Avenue	00518-31	<i>Performance was driven by trees off ROW (40%), line failure (34%), and vehicles (14%).</i>			4Q 2014 3Q 2015
			Repair damage caused by trees during a storm	Complete	Apr-14	
			Repair damage caused by vehicle accident	Complete	Oct-14	
			Repair damage caused by trees during a storm	Complete	May-15	
			Repair line failure	Complete	Aug-15	
			On cycle tree trimming	To be completed 2015	0%	
49	Edgewood	00089-13	<i>Performance was driven by trees off ROW (86%) and equipment failure (12%). Two outages accounted for 83% of the CMI.</i>			2Q 2015 3Q 2015
			Repair equipment failure	Complete	Jul-14	
			Repair damage caused by a vehicle	Complete	Sep-14	
			Repair equipment failure	Complete	Dec-14	
			Repair damage caused by trees during a storm	Complete	Jun-15	
			Repair damage caused by trees during a storm	Complete	Jul-15	
			Circuit inspection	Complete	Jul-15	
50	Seward	00075-11	<i>Performance was driven by trees off ROW (65%) and line failure (19%).</i>			
			Repair damage caused by vehicle accident	Complete	Dec-14	
			Repair damage caused by trees	Complete	Jan-15	
			Repair damage caused by trees	Complete	Jun-15	
			Repair equipment failure	Complete	Sep-15	

<b>Penelec</b>							
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51	Logan	00700-81	<i>Performance was driven by trees off ROW (97%). Two outages accounted for 86% of the CMI.</i>				
			Repair damage caused by trees during a storm	Complete	Apr-14		
			Repair damage caused by trees	Complete	Sep-14		
			Repair damage caused by trees	Complete	Oct-14		
			Repair damage caused by trees	Complete	Feb-15		
			Repair damage caused by trees	Complete	Jul-15		
52	Edinboro South	00424-34	<i>Performance was driven by line failure (57%) and equipment failure (36%).</i>				
			Repair equipment failure	Complete	Nov-14		
			Repair line failure	Complete	Dec-14		
			Repair line failure during a storm	Complete	Jun-15		
53	Knox	00323-51	<i>Performance was driven by equipment failure (59%), trees off ROW (28%), and animals (7%).</i>				1Q 2015 3Q 2015
			Repair line failure	Complete	Jun-14		
			Repair damage caused by trees	Complete	Sep-14		
			Repair damage caused by trees	Complete	Feb-15		
			Repair equipment failure	Complete	Apr-15		
			Repair damage from animal contact	Complete	Sep-15		
54	Ralphton	00014-12	<i>Performance was driven by equipment failure (46%), line failure (26%), and lightning (20%).</i>				
			Repair equipment failure	Complete	Mar-15		
			Repair damage caused by lightning	Complete	Apr-15		
			Repair line failure during a storm	Complete	Jun-15		
			Repair equipment failure	Complete	Sep-15		
55	East Towanda	00525-62	<i>Performance was driven by line failure (72%) and vehicles (11%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair equipment failure during storm	Complete	Jul-14		
			Repair line failure	Complete	Aug-14		
			Repair line failure	Complete	Nov-14		
			Repair line failure	Complete	Jan-15		
			Reconductor circuit between poles TWM-1 and TWM-42	Complete	Aug-15		

<b>Penelec</b>						
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56	McKean	00411-34	<i>Performance was driven by line failure (62%), trees on ROW (13%), and equipment failure (12%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair equipment failure	Complete	Sep-14	
			Repair damage caused by animal contact	Complete	Oct-14	
			Repair line failure	Complete	Jan-15	
			Repair damage caused by trees	Complete	Mar-15	
			Repair equipment failure	Complete	May-15	
			On cycle tree trimming	To be completed 2015	0%	
57	Madera	00147-22	<i>Performance was driven by trees off ROW (44%) and equipment failure (37%).</i>			
			Repair damage caused by trees during a storm	Complete	Jun-15	
			Repair damage caused by trees	Complete	Jul-15	
			Repair equipment failure	Complete	Aug-15	
			Repair equipment failure	Complete	Oct-15	
			Porcelain cutout replacement	To be completed 2015	0%	
58	East Hickory	00200-41	<i>Performance was driven by trees off ROW (92%) and equipment failure (8%).</i>			2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	May-15	
			Repair damage caused by trees during a storm	Complete	May-15	
			Repair equipment failure	Complete	Jun-15	
			Circuit inspection	Complete	Aug-15	
59	Thompson	00436-65	<i>Performance was driven by line failure (34%), trees off ROW (28%), and animals (20%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair line failure	Complete	Aug-14	
			Circuit inspection	Complete	Aug-14	
			Repair line failure	Complete	Jan-15	
			Repair damage caused by trees	Complete	Sep-15	
			On cycle tree trimming	To be completed 2015	79%	
60	Natl Forge Sw Sta	00577-41	<i>Performance was driven by equipment failure (47%), trees off ROW (37%), and lightning (10%).</i>			2Q 2015 3Q 2015
			Repair equipment failure during a storm	Complete	May-15	
			Repair damage caused by trees during a storm	Complete	May-15	
			Repair damage due to lightning strike	Complete	Jun-15	

<b>Penelec</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
61	East Hickory	00201-41	<i>Performance was driven by trees off ROW (90%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Repair damage caused by trees during a storm	Complete	Jun-14	
			Repair damage caused by trees	Complete	Jul-14	
			Repair damage caused by trees	Complete	Dec-14	
			Repair damage caused by trees during a storm	Complete	Jun-15	
			Circuit inspection	Complete	Aug-15	
62	Ralphton	00015-12	<i>Performance was driven by equipment failure (85%) and line failure (8%). One outage accounted for 91% of the CMI.</i>			
			Repair tree damage	Complete	Jul-14	
			Repair damage caused by trees during a storm	Complete	Jul-14	
63	Salix	00070-11	<i>Performance was driven by equipment failure (64%) and trees off ROW (32%). Two outages accounted for 85% of the CMI.</i>			1Q 2015 2Q 2015 3Q 2015
			Restore recloser operation of unknown cause during storm	Complete	Jul-14	
			Repair equipment failure	Complete	Feb-15	
			Replace underground exit	Complete	May-15	
			Repair damage caused by trees during a storm	Complete	Jun-15	
	Brooklyn	00749-65	<i>Performance was driven by trees off ROW (99%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair tree damage	Complete	Jul-14	
			Repair damage caused by trees during a storm	Complete	Jul-14	
	Wyalusing	00532-62	<i>Performance was driven by equipment failure (80%) and trees off ROW (19%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure during storm	Complete	Jul-14	
			Repair damage caused by trees	Complete	Dec-14	
	Meyersdale North	00022-12	<i>Performance was driven by line failure (55%) and trees off ROW (43%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair line failure during a storm	Complete	Feb-15	
	Laceyville	00278-65	<i>Performance was driven by trees off ROW (91%). 90% of the outages occurred on one day.</i>			4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14	

<b>Penelec</b>						
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	Laporte	00772-62	<i>Performance was driven by recloser operation of unknown cause (85%) and trees off ROW (15%).</i>			4Q 2014 1Q 2015 2Q 2015
			Restore recloser operation of unknown cause during storm	Complete	Jul-14	
			Repair damage caused by trees	Complete	Oct-14	
	Thompson	00442-65	<i>Performance was driven by trees off ROW (66%) and equipment failure (29%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees	Complete	May-14	
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair equipment failure	Complete	May-15	
	Meshoppen	00283-65	<i>Performance was driven by trees off ROW (67%) and line failure (21%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair line failure	Complete	Nov-14	
	Timblin	00116-23	<i>Performance was driven trees off ROW (75%) and recloser operation of unknown cause (21%).</i>			4Q 2014 1Q 2015 2Q 2015
			Restore breaker operation of unknown cause during storm	Complete	Jun-14	
			Repair damage caused by trees during a storm	Complete	Sep-14	
			Restore recloser operation of unknown cause during a storm	Complete	Jun-15	
	Russell Hill	00282-65	<i>Performance was driven by trees off ROW (56%), line failure (16%), and fuse operation due to unknown cause (9%).</i>			4Q 2014 1Q 2015 2Q 2015
			Restore fuse operation of unknown cause during a storm	Complete	Jul-14	
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair line failure	Complete	Dec-14	
			Repair damage caused by trees during a storm	Complete	Jun-15	
			Circuit inspection	Complete	Aug-15	
	Kearsarge	00528-31	<i>Performance was driven by equipment failure (45%), line failure (35%), and trees off ROW (19%).</i>			1Q 2015 2Q 2015
			Repair damage caused by trees	Complete	Jul-14	
			Repair line failure	Complete	Sep-14	
			Repair equipment failure	Complete	Jan-15	

<b>Penelec</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
	French Road	00223-31	<i>Performance was driven by equipment failure (49%) and trees off ROW (45%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees	Complete	Jul-14	
			Repair equipment failure	Complete	Aug-14	
			Repair equipment failure during a storm	Complete	Feb-15	
			Porcelain cutout replacement	Complete	Jun-15	
	North Warren	00596-41	<i>Performance was driven by trees off ROW (56%), equipment failure (18%), and non-utility lightning strike (9%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Apr-14	
			Repair damage caused by vehicle accident	Complete	Jun-14	
			Restore fuse after operation from unknown cause	Complete	Jun-14	
			Restore recloser operation due to non-utility lightning strike	Complete	Jul-14	
			Repair damage caused by trees	Complete	Jul-14	
			Repair damage caused by trees during a storm	Complete	Nov-14	
			Restore fuse after operation from unknown cause	Complete	Nov-14	
			Rehabilitate circuit - items identified during circuit patrol	Complete	Sep-15	
			On cycle tree trimming	To be completed 2015	98%	
	Springboro	00237-52	<i>Performance was driven by equipment failure (48%), recloser operation of unknown cause (26%), and trees off ROW (16%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair line failure	Complete	Jun-14	
			Repair equipment failure during a storm	Complete	Jul-14	
			Restore recloser operation of unknown cause during a storm	Complete	Nov-14	
			Repair damage caused by trees	Complete	Mar-15	
			Targeted main line rehab	To be completed 2015	0%	
			Porcelain cutout replacement	To be completed 2015	0%	
			On cycle tree trimming	To be completed 2015	57%	

<b>Renélec</b>						
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	McVeytown	00112-81	<i>Performance was driven by trees off ROW (90%).</i>			4Q 2014
			Repair damage caused by a tree during a storm	Complete	Jul-14	1Q 2015
			Repair damage caused by trees	Complete	Aug-14	2Q 2015
	Lake City	00429-34	<i>Performance was driven by trees off ROW (86%) and lightning (5%).</i>			4Q 2014
			Repair damage caused by lightning	Complete	Jul-14	1Q 2015
			Repair damage caused by a tree	Complete	Sep-14	2Q 2015
	Page Road	00445-43	<i>Performance was driven by equipment failure (70%), trees off ROW (7%), and vehicles (6%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair line failure	Complete	May-14	
			Repair damage caused by vehicle accident	Complete	Jul-14	
			Repair equipment failure	Complete	Sep-14	
			Repair equipment failure	Complete	Oct-14	
			Repair line failure	Complete	Oct-14	
			Full cycle tree clearing	Complete	Dec-14	
			Repair equipment failure	Complete	Mar-15	
			Repair damage caused by trees during a storm	Complete	Jun-15	
			Circuit inspection	Complete	Jun-15	
	Union City	00207-43	<i>Performance was driven by line failure (61%) and trees off ROW (17%).</i>			1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Apr-14	
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair line failure during a storm	Complete	Feb-15	
			Repair line failure during a storm	Complete	Feb-15	
	Shawville	00153-21	<i>Performance was driven by trees off ROW (52%), equipment failure (25%), and line failure (7%).</i>			4Q 2014 2Q 2015
			Repair damage caused by trees	Complete	Aug-14	
			Repair equipment failure	Complete	Aug-14	
			Repair line failure during a storm	Complete	Dec-14	
			Porcelain cutout replacement	To be completed 2015	0%	
	Green Garden	0224-31	<i>Performance was driven by animals (57%) and trees off ROW (24%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Jun-14	
			Repair damage caused by trees during a storm	Complete	May-15	
			Repair damage caused by animal contact	Complete	Jun-15	
			On cycle tree trimming	To be completed 2015	65%	

<b>Penelec</b>						
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	Union City	00208-43	<i>Performance was driven by damage from line failure (55%), equipment failure (22%), and animals (11%).</i>			4Q 2014 1Q 2015
			Repair equipment failure	Complete	Apr-14	
			Repair line failure	Complete	Jun-14	
			Repair damage caused by animal contact	Complete	Dec-14	
			Repair equipment failure	Complete	Mar-15	
	Walnut Street	00520-31	<i>Performance was driven by equipment failure during a storm (98%).</i>			4Q 2014 1Q 2015
			Repair equipment failure during storm	Complete	Jun-14	
	Rolling Meadows	00310-31	<i>Performance was driven by equipment failure during storms (63%) and line failure (13%).</i>			4Q 2014 1Q 2015
			Repair equipment failure	Complete	Apr-14	
			Repair equipment failure	Complete	Sep-14	
			Repair damage caused by trees	Complete	Oct-14	
			Porcelain cutout replacement	Complete	Jun-15	
			Circuit inspection	Complete	Jun-15	
	French Road	00222-31	<i>Performance was driven by line failure (41%), vehicles (26%), animals (21%), and equipment failure (10%).</i>			4Q 2014 1Q 2015
			Repair damage caused by a vehicle	Complete	Jun-14	
			Repair line failure	Complete	Jun-14	
			Repair damage caused by animal contact	Complete	Jul-14	
			Porcelain cutout replacement	Complete	Jun-15	
			Circuit inspection	Complete	Jul-15	
	Central City West	00029-12	<i>Performance was driven by line failure (88%).</i>			4Q 2014 1Q 2015
			Repair line failure	Complete	Jun-14	
	Marienville	00327-51	<i>Performance was driven by recloser operation of unknown cause during a storm (51%) and trees off ROW (44%).</i>			4Q 2014 1Q 2015
			Restore switch operation of unknown cause during a storm	Complete	Jun-14	
			Repair damage caused by trees during a storm	Complete	Jun-14	
			Circuit inspection	Complete	Sep-15	
			Full cycle tree trimming	Complete	Sep-15	

<b>Penelec</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
	Two Mile	00127-42	<i>Performance was driven by equipment failure (54%) and human error (30%).</i>			4Q 2014 1Q 2015
			Repair equipment failure	Complete	Apr-14	
			Repair equipment failure	Complete	Jun-14	
			Repair damage due to human error (customer brought tree down)	Complete	Sep-14	
			Repair equipment failure	Complete	Feb-15	
			Circuit inspection	Complete	Sep-15	
	N Meshoppen Tran	00531-65	<i>Performance was driven by trees off ROW (99%).</i>			4Q 2014 1Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14	
	Glen Campbell	00680-21	<i>Performance was driven by trees off ROW (55%), equipment failure (24%), and lightning (17%).</i>			4Q 2014 1Q 2015
			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	Complete	Oct-14	
			Full cycle tree trimming	Complete	Sep-15	
	Dixonville East	00120-13	<i>Performance was driven by equipment failure (60%) and trees off ROW (27%).</i>			4Q 2014 1Q 2015
			Repair equipment failure	Complete	May-14	
			Repair equipment failure	Complete	Jun-14	
			Repair damage caused by trees	Complete	Jul-14	
	Salix	00071-11	<i>Performance was driven by equipment failure (81%) and UG dig-in (12%).</i>			4Q 2014 1Q 2015
			Repair equipment failure during storm	Complete	Apr-14	
			Repair damage due to customer dig-in	Complete	Aug-14	
			Circuit inspection	Complete	Jun-15	
	Edinboro	00420-34	<i>Performance was driven by equipment failure (51%) and line failure (34%).</i>			4Q 2014 1Q 2015
			Repair line failure	Complete	Apr-14	
			Repair equipment failure	Complete	Apr-14	
			Repair equipment failure	Complete	Jun-14	
			Repair line failure	Complete	Sep-14	
			Repair line failure	Complete	Nov-14	
			Add additional protection per circuit coordination	Complete	May-15	

<b>Penelco</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
	Philipsburg	00967-22	<i>Performance was driven by non-company object contacting line (97%).</i> Repair damage caused by building collapse contacting line	Complete	Aug-14	4Q 2014 1Q 2015
	Blairsville East	00082-13	<i>Performance was driven by line failure (71%) and trees off ROW (26%).</i> Repair damage caused by trees during a storm Repair line failure Circuit inspection On cycle tree trimming	Complete Complete Complete To be completed 2015	Apr-14 Jul-14 Jul-15 0%	4Q 2014 1Q 2015
	Bradford North	00103-42	<i>Performance was driven by human error non-company (50%) and an unknown fuse operation (36%).</i> Repair damage due to human error - (customer brought tree down) Restore fuse after operation from unknown cause	Complete Complete	May-14 Nov-14	4Q 2014 1Q 2015
	Logan	00701-81	<i>Performance was driven by vehicles (69%) and equipment failure (16%).</i> Repair damage caused by a vehicle Full cycle tree trimming	Complete Complete	May-14 Jul-14	4Q 2014 1Q 2015
	Powell Ave	00237-31	<i>Performance was driven by trees off ROW (55%), recloser operation of unknown cause (20%), and line failure (17%).</i> Repair damage caused by trees during a storm Repair line failure On cycle tree trimming	Complete Complete To be completed 2015	Jun-14 Aug-14 70%	
	Curryville	00644-71	<i>Performance was driven by equipment failure (30%), line failure (30%), vehicles (18%), and trees off ROW (14%).</i> Repair line failure Repair damage caused by trees Repair line failure Repair line failure Circuit inspection On cycle tree trimming	Complete Complete Complete Complete Complete To be completed 2015	Jun-14 Jul-14 Nov-14 Dec-14 Jul-15 0%	

<b>Penelec</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
	Athens	00514-61	<i>Performance was driven by equipment failure (34%), lightning (32%), and vehicles (21%).</i>			
			Repair damage caused by lightning	Complete	Jun-14	
			Circuit inspection	Complete	Sep-15	
	Huntingdon	00189-82	<i>Performance was driven by equipment failure (99%).</i>			
			Circuit inspection	Complete	Aug-15	

<b>Met-Ed</b>							
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>	
1	North Bangor	00826-3	<i>Performance was driven by damage from a single snow storm that occurred on November 26, 2014 (78%).</i>				
			Install single phase tie switch	Complete	Apr-14		
			Perform wood pole inspection	Complete	Apr-14		
			Replace ten poles identified during wood pole inspection	Complete	Jun-14		
			Replace poles identified during wood pole inspection	Complete	Aug-14		
			Comprehensive tree trimming	Complete	Oct-14		
			Perform accelerated backbone and three phase circuit assessment	Complete	Jun-15		
			Forestry Zone 1 aerial patrol	Complete	Jul-15		
			Replace capacitor bank	Complete	Aug-15		
			Correct fuse coordination	Complete	Sep-15		
Perform circuit protection study	To be completed 2015	60%					
2	Shawnee	00895-3	<i>Performance was driven by trees on ROW (46%), forced outage (17%), trees off ROW (16%), and equipment failure (12%).</i>				
			Replace switch	Complete	Apr-14		
			Upgrade step transformer	Complete	May-14		
			Replace poles identified during wood pole inspection	Complete	May-15		
			Perform wood pole inspection	Complete	Jul-15		
			Mid-cycle backbone and three phase forestry inspection	Complete	Oct-15		

<b>Mct-Ed</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
3	Fox Hill	00816-3	<i>Performance driven by trees off ROW (35%), forced outage (30%), and ice (12%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Comprehensive circuit assessment	Complete	Apr-14	
			Replace crossarms identified during circuit assessment	Complete	Aug-14	
			Mid-cycle backbone and three phase forestry inspection	Complete	Oct-14	
			Danger tree removal from mid-cycle forestry inspection	Complete	Nov-14	
			Forestry Zone 1 aerial patrol	Complete	Jul-15	
			Install additional Supervisory Control and Data Acquisition (SCADA) switch	Complete	Sep-15	
			Replace fault indicators	Complete	Sep-15	
			Install additional Supervisory Control and Data Acquisition (SCADA) switch	Complete	Sep-15	
			Add Supervisory Control and Data Acquisition (SCADA) control to recloser	To be completed 2015	90%	

<b>Met-Ed</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
4	Birdsboro	00756-1	<i>Performance was driven by trees off ROW (74%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Comprehensive tree trimming	Complete	Apr-14	
			Main line arrester repairs from assessment	Complete	May-14	
			Install additional main line tap fusing	Complete	Sep-14	
			Spot tree removals	Complete	Oct-14	
			Upgrade main line recloser	Complete	Dec-14	
			Main line switch arrester repairs from assessment	Complete	Dec-14	
			Install additional main line fault indicators	Complete	Jan-15	
			Complete engineering review for additional remote-control devices	Complete	Jan-15	
			Proactive every-other-month main line forestry inspection	Complete	Feb-15	
			Spot tree trimming/removals	Complete	Mar-15	
			Proactive every-other-month main line forestry inspection	Complete	Apr-15	
			Targeted tree trimming to improve reliability	Complete	Jun-15	
			Proactive every-other-month main line forestry inspection	Complete	Aug-15	
			Install remote operated main line switches	Complete	Sep-15	
Targeted tree trimming to improve reliability	To be completed 2015	0%				
Proactive every-other-month main line forestry inspection <sup>17</sup>	To be completed 2015	0%				
5	Birchwood	00623-3	<i>Performance was driven by damage from a single snow storm that occurred on November 26, 2014 (78%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Comprehensive circuit assessment	Complete	Jul-14	
			Comprehensive tree trimming	Complete	Dec-14	
			Replace/repair high priority items identified during circuit patrol	Complete	Feb-15	
			Install fault indicators	Complete	Feb-15	

<sup>17</sup> Represents every-other-month forestry inspection for the September/October time period only

<b>Met-Ed</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
6	S. Nazareth	00809-3	<i>Performance was driven by vehicles (49%), equipment failure (32%), and trees off ROW (14%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			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) controlled switch	Complete	Aug-14	
			Replace porcelain cutouts on circuit backbone with polymer cutouts	Complete	Mar-15	
			Forestry Zone 1 aerial patrol	Complete	Jul-15	
7	Birchwood	00622-3	<i>Performance was driven by trees off ROW (74%) and equipment failure (24%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Comprehensive circuit assessment	Complete	Sep-14	
			Comprehensive tree trimming	Complete	Nov-14	
			Replace voltage regulator	Complete	Dec-14	
			Repair items identified during circuit assessment	Complete	Dec-14	
			On cycle tree trimming	To be completed 2016	0%	
8	Bern Church	00789-1	<i>Performance was driven by equipment problems (39%), trees off ROW (19%), and trees on ROW (10%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Perform wood pole inspections	Complete	Jun-14	
			Upgrade substation relays	Complete	Sep-14	
			Comprehensive tree trimming	Complete	Dec-14	
			Pole replacements from pole inspections	Complete	Jan-15	
			Replace underground cable in Plum Creek underground residential development	Complete	Sep-15	
			Replace fault indicators	Complete	Oct-15	
			Overhead circuit inspection	To be completed 2016	0%	
9	Swatara Hill	00763-2	<i>Performance was driven by a cutout problem (43%) and trees off ROW (26%). 85% of the CMI occurred on three days.</i>			2Q 2015 3Q 2015
			Repair equipment failure	Complete	May-15	
			Poles were replaced and equipment repaired	Complete	Jun-15	
			Repair damage caused by trees during a storm	Complete	Jun-15	
			Repair damage caused by lightning	Complete	Jul-15	

<b>Mct-Ed</b>							
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>	
10	Swatara Hill	00764-2	<i>Performance was driven by vehicles (70%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Replace four poles	Complete	May-14		
			Replace eleven porcelain cutouts	Complete	Jul-14		
			Install new fuse	Complete	Sep-14		
			Install new span of underground cable to create underground development loop	Complete	Sep-14		
			Repair damage caused by a vehicle	Complete	Jul-15		
			Pole was replaced and equipment repaired	Complete	Sep-15		
11	Painted Sky	00650-1	<i>Performance was driven by equipment failure (75%) and line failure (16%).</i>				
			Perform wood pole inspection	Complete	Mar-15		
			Replace pole identified during wood pole inspection	Complete	Apr-15		
12	Straban	00676-4	<i>Performance driven by vehicles (45%), trees off ROW (40%), and equipment failure (11%).</i>				2Q 2015 3Q 2015
			Overhead circuit inspection	To be completed 2015	65%		
13	Shawnee	00899-3	<i>Performance was driven by trees off ROW (76%).</i>				2Q 2015 3Q 2015
			Forestry Zone 1 aerial patrol	Complete	Jul-15		
			Perform wood pole inspection	Complete	Jul-15		
			Replace fault indicators	Complete	Jul-15		
			Replace crossarm	Complete	Oct-15		
			Correct fuse coordination	Complete	Oct-15		
14	Bernville	00786-1	<i>Performance was driven by equipment failure (75%).</i>				4Q 2014 1Q 2015 3Q 2015
			Engineering main line coordination review	Complete	Apr-14		
			Main line coordination improvements	Complete	Apr-14		
			Main line circuit inspection	Complete	Feb-15		
			Main line pole replacement	Complete	Apr-15		
			Replace fault indicators	Complete	Sep-15		
			Install additional main line disconnects	To be completed 2015	50%		
Replace main line crossarms from inspection	To be completed 2016	50%					
15	Annville	00741-2	<i>Performance was driven by trees off ROW (55%) and line failure (29%).</i>				2Q 2015 3Q 2015
			Mid-cycle backbone forestry inspection	Complete	Aug-14		
			Repair line failure	Complete	Oct-14		
			Repair damage caused by trees during a storm	Complete	Oct-15		
			On cycle tree trimming	To be completed 2015	18%		

<b>Met-Ed</b>							
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>	
16	Mountain	00744-4	<i>Performance was driven by trees off ROW (67%), vehicles (15%), and equipment failure (8%). 32% of the outages were the result of a June 20, 2015 storm.</i>				1Q 2015 2Q 2015 3Q 2015
			Forestry to perform on cycle comprehensive circuit vegetation management	Complete	Jun-14		
			Upgrade main line Group Operated Air Break (GOAB) #74459 to EMS radio controlled Motor Operated Air Break (MOAB) switch with faulted circuit indicators	Complete	Oct-14		
			Upgrade main line recloser to EMS radio controlled	Complete	Oct-14		
			Upgrade main line GOAB #T1-754 to EMS radio controlled MOAB with faulted circuit indicators	Complete	Sep-15		
17	Carsonia	00764-1	<i>Performance was driven by line failure (32%), vehicles (24%), and equipment failure (20%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Comprehensive circuit assessment	Complete	Sep-14		
			Replace main line arrester from assessment	Complete	Mar-15		
			Replace porcelain cutouts on circuit backbone with polymer cutouts	Complete	Oct-15		
18	Flying Hills	00776-1	<i>Performance was driven by underground line failure (33%), trees off ROW (29%), and equipment failure (14%).</i>				2Q 2015 3Q 2015
			Comprehensive circuit assessment	Complete	Mar-15		
			Targeted forestry inspection	Complete	May-15		
			Upgrade substation getaway cables	To be completed 2015	75%		
			Replace fault indicators	To be completed 2015	50%		
			On cycle tree trimming	To be completed 2016	0%		
19	Lynnville	00737-1	<i>Performance was driven by trees off ROW (47%), equipment failure (23%), and trees on ROW (11%).</i>				
			Overhead circuit inspection	Complete	Aug-14		
			Install additional main line fault indicators	Complete	Oct-14		
			Replace crossarm from inspection	Complete	Jun-15		
			Replace insulators and repair pole tops from inspection	Complete	Jun-15		
			Replace main line recloser	To be completed 2016	50%		

<b>Met-Ed</b>							
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20	Birdsboro	00757-1	<i>Performance was driven by line failure (30%), equipment failure (21%), and trees off ROW (21%).</i>				4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Spot forestry inspection	Complete	Jun-14		
			Comprehensive tree trimming	Complete	Oct-14		
			Upgrade main line recloser	Complete	Nov-14		
			Install remote operated main line switches	Complete	Nov-14		
			Install new main line recloser	Complete	Dec-14		
			Install additional main line fault indicators	Complete	Jan-15		
			Proactive every-other-month main line forestry inspection	Complete	Jan-15		
			Spot tree trimming/removals	Complete	Mar-15		
			Proactive every-other-month main line forestry inspection	Complete	Apr-15		
			Targeted tree trimming to improve reliability	Complete	Jun-15		
			Targeted forestry inspection	Complete	Jun-15		
			Proactive every-other-month main line forestry inspection	Complete	Aug-15		
			Targeted overhead circuit inspection	Complete	Oct-15		
			Targeted tree trimming to improve reliability	To be completed 2015	0%		
Proactive every-other-month main line forestry inspection <sup>18</sup>	To be completed 2015	0%					
21	State Street	00620-1	<i>Performance was driven by trees off ROW (63%) and equipment failure (36%).</i>				
			On cycle tree trimming	Complete	Jul-15		
			Upgrade tie switch	To be completed 2016	50%		
22	North Hanover	00509-4	<i>Performance was driven by trees off ROW (45%), vehicles (30%), and equipment failure (25%). 48% of outages from storms that occurred on November 26, 2014 and June 30, 2015.</i>				
			On cycle tree trimming	To be completed 2016	0%		

<sup>18</sup> Represents every-other-month forestry inspection for the September/October time period only.

<b>Mct-Ed</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
23	Flying Hills	00777-1	<i>Performance was driven by trees off ROW (34%), equipment failure (27%), and trees on ROW (19%).</i>			4Q 2014 3Q 2015
			Mid-cycle backbone and three phase forestry inspection	Complete	Apr-14	
			Install additional main line fault indicators	Complete	Dec-14	
			Comprehensive circuit assessment	Complete	Jul-15	
			Install additional main line recloser	Complete	Aug-15	
			Upgrade circuit getaway cables	Complete	Aug-15	
			Upgrade circuit tie capability	Complete	Aug-15	
			Upgrade main line conductor	Complete	Aug-15	
			On cycle tree trimming	To be completed 2016	0%	
24	Shawnee	00860-3	<i>Performance was driven by equipment failure (75%).</i>			1Q 2015 2Q 2015 3Q 2015
			Replace sectionalizer with Supervisory Control and Data Acquisition (SCADA) Motor Operated Air Break (MOAB)	Complete	May-14	
			Perform wood pole inspection	Complete	Jun-15	
			Replace poles identified during wood pole inspection	Complete	Aug-15	
			Install additional Supervisory Control and Data Acquisition (SCADA) controlled switch	Complete	Sep-15	
25	Bath	00873-3	<i>Performance was driven by vehicles (50%), birds (16%), and equipment failure (11%).</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Forestry to perform on cycle comprehensive circuit tree trimming	Complete	May-14	
			Comprehensive circuit assessment	Complete	Jan-15	
			Replace items identified during circuit assessment	Complete	Aug-15	
			Replace porcelain cutouts on circuit backbone with polymer cutouts	To be completed 2015	80%	

<b>Met-Ed</b>							
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26	North Cornwall	00610-2	<i>Performance was driven by trees off ROW (35%) and equipment failure (27%).</i>			Oct-14	4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Mid-cycle backbone and three phase forestry inspection	Complete			
			Replace switch	Complete	Apr-15		
			Install additional main line recloser	Complete	Apr-15		
			Install additional fault indicators	Complete	Jun-15		
			Overhead circuit inspection	Complete	Sep-15		
27	Newberry	00586-4	<i>Performance was driven by trees off ROW (23%) and vehicles (34%).</i>			Oct-14	4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Comprehensive circuit assessment	Complete	Dec-14		
			Cycle tree trimming	Complete	Feb-15		
			Replace/repair high priority items identified during circuit patrol	Complete	Apr-15		
			Mid-cycle backbone and three phase forestry inspection	Complete	Jun-15		
			Targeted tree trimming to improve reliability	Complete			
28	Newberry	00576-4	<i>Performance was driven by trees off ROW (55%).</i>			Oct-14	4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Comprehensive tree trimming	Complete	Nov-14		
			Replace/repair high priority items identified during circuit patrol	Complete	Apr-15		
			Replace/repair high priority items identified during circuit patrol	Complete	May-15		
			Mid-cycle backbone and three phase forestry inspection	Complete	Jun-15		
			Targeted tree trimming to improve reliability	Complete	Aug-15		
			Replace porcelain cutouts on circuit backbone with polymer cutouts	Complete			

<b>Met-Ed</b>						
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>	<b>Appeared in 2 of 4 Quarters</b>
29	Windsor	00797-4	<i>Performance was driven by line failure (43%).</i>			1Q 2015 3Q 2015
			Replace/repair high priority items identified during circuit patrol	Complete	May-15	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Jun-15	
			Replacement of porcelain cutouts with polymer cutouts on the circuit backbone	Complete	Aug-15	
			Install additional fault indicators	Complete	Sep-15	
			Install additional fuses	Complete	Sep-15	
			Replace pole identified during the circuit pole inspection	Complete	Sep-15	
30	Saylorsburg	00114-3	<i>Performance was driven by trees off ROW (67%) and equipment failure (23%).</i>			2Q 2015 3Q 2015
			Forestry to trim circuit	Complete	Dec-14	
31	Allen	00502-4	<i>Performance was driven by trees off ROW (41%), line failure (17%), vehicles (12%), and lightning (11%). 51% of outages were the result of storms that occurred on June 20, June 23, and July 25, 2015.</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Install additional faulted circuit indicators two locations	Complete	Aug-14	
			Perform engineering review of existing faulted circuit indicator age	Complete	Oct-14	
			Retire and replace failed faulted circuit indicators in five locations	Complete	Nov-14	
			Comprehensive tree trimming	Complete	Jan-15	
32	Ringing Rocks	00708-1	<i>Performance was driven by trees off ROW (60%) and equipment failure (27%).</i>			4Q 2014 3Q 2015
			Overhead circuit inspection	Complete	Oct-14	
			Replace crossarm from inspection	Complete	Feb-15	
33	East Tipton	00733-1	<i>Performance was driven by previous lightning (47%) and trees off ROW (38%).</i>			
			Complete engineering circuit configuration review	Complete	Sep-14	
			Complete engineering circuit protection review in conjunction with Huffs Church Substation construction	Complete	Jan-15	
			Overhead circuit inspection	Complete	Sep-15	
			Complete circuit reconfiguration	To be completed 2016	25%	

<b>Met-Ed</b>						
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34	Mountain	00740-4	<i>Performance was driven by equipment failure (42%), line failure (30%), animals (14%), and vehicles (5%). 66% of outages from December 6, 2014 and July 19, 2015 storms.</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Comprehensive tree trimming	Complete	Aug-14	
			Install one recloser at new location	Complete	Oct-14	
			Replace porcelain cutouts on circuit backbone with polymer cutouts	Complete	Apr-15	
35	Lickdale	00626-2	<i>Performance was driven by equipment failure (50%), trees on ROW (21%), and trees off ROW (9%).</i>			2Q 2015 3Q 2015
			Replace underground exit	Complete	Aug-14	
			Replace switch	Complete	Jan-15	
			Repair line failure	Complete	Jun-15	
36	South Hamb	00741-1	<i>Performance was driven by equipment failure (34%), wind (25%), trees on ROW (22%), and trees off ROW (13%).</i>			
			Install additional main line fault indicators	Complete	Sep-14	
			Replace main line crossarms from assessment	Complete	Dec-14	
			Cycle tree trimming	Complete	Jul-15	
37	Taxville	00575-4	<i>Performance was driven by vehicles (43%).</i>			4Q 2014 3Q 2015
			Comprehensive circuit assessment	Complete	Apr-15	
38	North Lebanon	00712-2	<i>Performance was driven by trees off ROW (34%), equipment failure (28%), and vehicles (17%).</i>			2Q 2015 3Q 2015
			Circuit inspection	Complete	May-14	
			Replace/repair high priority items identified during circuit patrol	Complete	Feb-15	
			Replace/repair high priority items identified during circuit patrol	Complete	Apr-15	
	3 <sup>rd</sup> and Green	00785-2	<i>Performance was driven by equipment failure (89%). 71% of the outages occurred on one day.</i>			4Q 2014 1Q 2015 2Q 2015
			Comprehensive tree trimming	Complete	Aug-14	
			Replace arrester	Complete	Nov-14	
			Replace two crossarms, three cutouts, and three arresters	Complete	Nov-14	
			Replace recloser	Complete	Oct-15	

<b>Mct-Ed</b>						
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	Annville	00742-2	<i>Performance was driven by one storm related outage (81%).</i>			4Q 2014 1Q 2015 2Q 2015
			Replace lightning arresters at four locations	Complete	May-14	
			Comprehensive tree trimming	Complete	Sep-15	
	Annville	00743-2	<i>Performance was driven by a cutout problem (47%), equipment failure (27%), and trees off ROW (10%).</i>			4Q 2014 1Q 2015 2Q 2015
			Mid-cycle backbone and three phase forestry inspection	Complete	Jul-14	
			Replace recloser	Complete	Jul-14	
			Perform tree work identified during mid-cycle backbone and three phase forestry inspection	Complete	Jul-14	
			Complete engineering review for remote-control devices	To be completed 2015	75%	
			Comprehensive tree trimming	To be completed 2015	70%	
	Bairs	00571-4	<i>Performance was driven by equipment failure (37%) and vehicles (24%).</i>			4Q 2014 1Q 2015 2Q 2015
			Install new getaway cables and riser at Bair substation	Complete	Feb-15	
			Replace broken cutout	Complete	Apr-15	
			Mid-cycle backbone and three phase forestry inspection	Complete	May-15	
			Retire and replace failed fault circuit indicators	Complete	Aug-15	
			Targeted tree trimming to improve reliability	To be completed 2015	25%	

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	Barto	00705-1	<i>Performance was driven by trees off ROW (44%) and trees on ROW (31%).</i>			4Q 2014 1Q 2015
			Mid-cycle backbone and three phase forestry inspection	Complete	Apr-14	
			Spot forestry inspection	Complete	Jun-14	
			Complete engineering circuit configuration review	Complete	Sep-14	
			Engineering circuit protection review in conjunction with Huffs Church substation construction	Complete	Jan-15	
			Lockout zone circuit inspection	Complete	Feb-15	
			Install additional main line fault indicators	Complete	Mar-15	
			Replace crossarm from assessment	Complete	Mar-15	
			Replace insulator from assessment	Complete	Mar-15	
			Comprehensive circuit assessment	Complete	Mar-15	
			Proactive main line forestry patrol	Complete	May-15	
			Replace crossarm braces from assessment	Complete	Jun-15	
			Replace switch arrester from assessment	To be completed 2015	25%	
	Birchwood	00624-3	<i>Performance was driven by vehicles (34%), equipment failure (24%), trees off ROW (18%), and line failure (12%).</i>			4Q 2014 1Q 2015
			Replace tie switch	Complete	May-14	
			Install fault indicators	Complete	Jul-14	
			Comprehensive circuit patrol	Complete	Aug-14	
			Replace recloser	Complete	Sep-14	
			Comprehensive tree trimming	Complete	Nov-14	
			Install sectionalizer	Complete	Oct-15	
	Replace porcelain cutouts on circuit backbone	To be completed 2015	90%			

<b>Met-Ed</b>						
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	Leesport	00811-1	<i>Performance was driven by equipment failure (44%), trees off ROW (19%), and trees on ROW (18%).</i>			4Q 2014 1Q 2015 2Q 2015
			Main line crossarm repair from comprehensive circuit patrol	Complete	Nov-14	
			Main line pole top repair from assessment	Complete	Dec-14	
			Replace substation getaway cable and terminators	Complete	Mar-15	
			Cycle tree trimming	Complete	May-15	
			Perform accelerated backbone, three phase circuit assessment	Complete	Jul-15	
			Main line coordination improvements	To be completed 2015	50%	
			Replace main line pole <sup>19</sup>	To be completed 2015	0%	
	Marshalls Creek	00128-3	<i>Performance was driven by damage from a storm that occurred on 7/2/14 (79%).</i>			4Q 2014 1Q 2015 2Q 2015
			Engineering to perform circuit protection review	Complete	Dec-14	
	Moselem	00782-1	<i>Performance was driven by equipment failure (69%) and vehicles (21%).</i>			4Q 2014 1Q 2015
			Complete engineering circuit configuration review	Complete	Oct-14	
			Comprehensive circuit assessment	Complete	Aug-15	
			Comprehensive tree trimming	To be completed 2015	0%	
	North Bangor	00813-3	<i>Performance was driven by trees off ROW (36%) and vehicles (34%).</i>			4Q 2014 1Q 2015 2Q 2015
			Mid-cycle backbone and three phase forestry inspection	Complete	Sep-14	
			Forestry Zone I aerial patrol	Complete	Jul-15	
			Cycle tree trimming	To be completed 2015	98%	

<sup>19</sup> Upon further review, Met-Ed determined that the entire pole needed to be replaced and not just the pole top as originally reported.

<b>Met-Ed</b>						
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	Shawnee	00822-3	<i>Performance was driven by damage from a single snow storm (86%).</i>			4Q 2014 1Q 2015
			Replace side post insulator	Complete	Dec-14	
			Install fault indicators	Complete	Mar-15	
			Replace porcelain cutouts on recloser backbone with polymer cutouts	Complete	Mar-15	
			Perform wood pole inspection	Complete	Jun-15	
			Forestry Zone 1 aerial patrol	Complete	Jul-15	
			Comprehensive tree trimming	Complete	Sep-15	
	Snydersville	00621-3	<i>Performance was driven by trees off ROW (77%) and equipment failure (11%).</i>			4Q 2014 1Q 2015 2Q 2015
			Comprehensive tree trimming	Complete	Nov-14	
			Replace recloser	Complete	Feb-15	
			Install fault indicators	Complete	Mar-15	
	South Lebanon	00780-2	<i>Performance was driven by trees off ROW (52%) and vehicles (14%).</i>			4Q 2014 1Q 2015 2Q 2015
			Mid-cycle backbone forestry inspection	Complete	Aug-14	
			Pole was replaced and equipment repaired	Complete	Oct-14	
			Cycle tree trimming	To be completed 2015	97%	
	Weisenberg	00602-1	<i>Performance was driven by an outage caused by equipment failure (73%).</i>			4Q 2014 1Q 2015 2Q 2015
			Install additional main line fault indicators	Complete	Sep-14	
			Replace main line insulator	Complete	Apr-15	
			Replace fault indicators	Complete	Aug-15	
			Comprehensive circuit assessment	Complete	Oct-15	
	Barto	00706-1	<i>Performance was driven by trees off ROW (63%) and vehicles (20%).</i>			
			Complete engineering circuit configuration review	Complete	Sep-14	
			Replace main line crossarm from assessment	Complete	Mar-15	
			Comprehensive circuit assessment	Complete	Sep-15	
			Upgrade main line reclosers	Complete	Oct-15	
	Birdsboro	00760-1	<i>Performance was driven by equipment failure (46%) and trees on ROW (32%).</i>			
			Complete engineering circuit configuration review	Complete	Sep-14	
			Comprehensive tree trimming	Complete	Sep-14	
			Install additional main line fault indicators	Complete	Mar-15	
			Install additional main line tap fusing	Complete	Sep-15	

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	Glendon	00818-3	<i>Performance was driven by vehicles (65%).</i>			
			Comprehensive circuit assessment	Complete	Jan-15	
			Reconductor six spans of main line	Complete	Oct-15	
	Hill	00737-4	<i>Performance was driven by vehicles (64%).</i>			
			Tree trimming identified during off cycle circuit tree patrol	Complete	Apr-14	
			Provide additional tie capacity on the circuit	Complete	Oct-14	
			Replace/repair high priority items identified during circuit patrol	Complete	Dec-14	
			Replacement of porcelain cutouts with polymer cutouts on the circuit backbone	Complete	Aug-15	
			Install radio control devices on the circuit	Complete	Sep-15	
	South Hamburg	00745-1	<i>Performance was driven by a line failure outage (59%) and animals (39%).</i>			
			Replace spacers in main line from assessment	Complete	Apr-14	
			Install additional main line fault indicators	Complete	Sep-14	
			Replace main line crossarm from assessment	Complete	Dec-14	
			Install additional main line disconnects	To be completed 2015	50%	
	Third Street	00178-1	<i>Performance was driven by equipment failure (92%).</i>			
			Spot main line inspection	Complete	Jan-15	
			Complete load reduction project	Complete	Oct-15	
			Substation transformer cable replacement	To be completed 2015	50%	
	Tolna	00792-4	<i>Performance was driven by vehicles (91%).</i>			
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Sep-14	
			Repair critical item from circuit assessment	Complete	Oct-14	
			Comprehensive tree trimming	Complete	Aug-15	
	Tolna	00793-4	<i>Performance was driven by lightning (44%) and trees off ROW (28%).</i>			
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	May-14	
			Tree trimming identified during off cycle circuit tree patrol	Complete	May-14	
			Comprehensive tree trimming	To be completed 2015	0%	

West Penn Power						
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1	Cecil	Bishop	<i>Performance was driven by trees off ROW (78%) and line failure (15%). 67% of the outages occurred on one minor storm day.</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Zone 1 circuit patrol. Five danger trees found and remediated.	Complete	Jul-15	
2	Kiski Valley Distrib	Kittanning Rd	<i>Performance was driven by trees off ROW (80%) and forced outages (18%). 59% of the outages occurred on one minor storm day.</i>			4Q 2014 2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Feb-15	
3	Dutch Fork	Claysville	<i>Performance was driven by unknowns (44%), trees off ROW (24%), and trees on ROW (10%). 35% of the outages occurred on two days.</i>			1Q 2015 2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
4	Vandergrift	Grifflo Park	<i>Performance was driven by equipment failure (55%) and trees off ROW (40%). 64% of the outages occurred on two days.</i>			2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	May-15	
			On cycle tree trimming	To be completed 2016	0%	
5	Lagonda	Lagonda	<i>Performance was driven by trees off ROW (88%). 80% of the outages occurred on one minor storm day.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
6	Whiteley	Mt. Morris	<i>Performance was driven by trees on ROW (46%) and trees off ROW (36%). 90% of the outages occurred on three days.</i>			
			Zone 1 tree trimming	To be completed 2015	0%	
			On cycle tree trimming	To be completed 2016	0%	
7	Galley	Waterdam	<i>Performance was driven by trees off ROW (60%), line failure (22%), and forced outages (14%). 95% of the outages occurred on two minor storm days.</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
			Overhead circuit patrol	To be completed 2015	0%	
8	Westraver	Pittsburgh Coal	<i>Performance was driven by line failure (32%), trees off ROW (31%), and forced outages (19%). 26% of the outages occurred on one minor storm day.</i>			2Q 2015 3Q 2015
			On cycle tree trimming	To be completed 2015	42%	

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9	McDonald	Primrose	<i>Performance was driven by trees off ROW (73%) and trees on ROW (15%). 63% of the outages occurred on two minor storm days.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-15	
10	Weedville	Weedville	<i>Performance was driven by trees off ROW (83%) and equipment failure (12%). 70% of the outages occurred on one minor storm day.</i>			2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	May-14	
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
			On cycle tree trimming	To be completed 2016	0%	
11	Shaffers Corner	Seventh St Rd	<i>Performance was driven by trees off ROW (91%). 59% of the outages occurred on two minor storm days.</i>			2Q 2015 3Q 2015
			Cycle tree trimming	Complete	Dec-14	
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jan-15	
12	Gordon	Wolfdale	<i>Performance was driven by trees off ROW (88%). 81% of the outages occurred on one minor storm day.</i>			2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-15	
			Overhead circuit patrol	To be completed 2015	0%	
			On cycle tree trimming	To be completed 2016	0%	
13	Shaffers Corner	Braeburn	<i>Performance was driven by trees off ROW (74%) and trees on ROW (20%). 64% of the outages occurred on two minor storm days.</i>			2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware issues found. Eight trees found and remediated.	Complete	Mar-15	
			On cycle tree trimming	To be completed 2016	0%	
14	Franklin	Rogersville	<i>Performance was driven by line failure (53%), unknown (23%), and forced outages (14%). 57% of the outages occurred on one day.</i>			
			Zone 1 circuit patrol. No hardware issues found. Four trees found and remediated.	Complete	Jul-15	

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15	Amity	Banetown	<i>Performance was driven by trees off ROW (57%), equipment failure (18%), and unknowns (14%). 51% of the outages occurred on two days.</i>			2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware issues found. Eight trees found and remediated.	Complete	Jun-15	
16	Finleyville	Gastonville	<i>Performance was driven by equipment failure (31%), forced outages (27%), trees off ROW (25%), and line failure (17%). 74% of the outages occurred on two days.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jan-15	
17	Cecil	Southpointe	<i>Performance was driven by line failure (65%) and trees off ROW (33%). 47% of the outages occurred on one minor storm day.</i>			2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-15	
			On cycle tree trimming	To be completed 2016	0%	
18	Driftwood	Driftwood	<i>Performance was driven by trees off ROW (77%) and unknowns (21%). 54% of the outages occurred on one day.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-15	
19	Hickory	Hickory	<i>Performance was driven by line failure (28%), trees off ROW (23%), forced outages (15%), and trees on ROW (14%). 27% of the outages occurred on one day.</i>			2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jul-15	
20	Gordon	Tyler	<i>Performance was driven by equipment failure (39%), trees on ROW (29%), and vehicles (19%). 69% of the outages occurred on two minor storm days.</i>			1Q 2015 2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
21	Butler	Center Ave	<i>Performance was driven by trees on ROW (48%), trees off ROW (20%), and line failure (13%). 55% of the outages occurred on one minor storm day.</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Cycle tree trimming	Complete	Dec-14	
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-15	

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22	Cecil	Hendersonville	<i>Performance was driven by trees off ROW (97%). 75% of the outages occurred on two minor storm days.</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
23	Houston	Murdock	<i>Performance was driven by equipment failure (41%), unknowns (21%), trees on ROW (16%), and vehicles (13%). 39% of the outages occurred on one day.</i>			
			Overhead circuit patrol	To be completed 2015	0%	
			On cycle tree trimming	To be completed 2015	0%	
24	North Fayette	Oakdale	<i>Performance was driven by vehicles (70%) and equipment failure (23%). 69% of the outages occurred on one day.</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
25	Charleroi	Warner	<i>Performance was driven by trees off ROW (91%). 91% of the outages occurred on two days.</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Cycle tree trimming	Complete	Dec-14	
26	Cecil	Muse	<i>Performance was driven by trees off ROW (77%) and forced outages (13%). 69% of the outages occurred on one minor storm day.</i>			2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-15	
27	Piney Fork	Cochran Mill	<i>Performance was driven by equipment failure (56%), line failure (18%), and trees off ROW (16%). 53% of the outages occurred on one day.</i>			1Q 2015 2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Feb-15	
28	Lake Lynn-Union	Fancy Hill	<i>Performance was driven by trees off ROW (49%), trees on ROW (11%), and forced outages (11%).</i>			1Q 2015 2Q 2015 3Q 2015
			On cycle tree trimming	To be completed 2015	10%	
29	Vanceville	Vanceville	<i>Performance was driven by vehicles (36%), unknowns (22%), and trees off ROW (20%). 36% of the outages occurred on 1 day.</i>			4Q 2014 1Q 2015 3Q 2015
			Cycle tree trimming	Complete	Jul-14	
			Zone 1 hardware and forestry patrol. No hardware or tree issues found.	Complete	Jan-15	
			Hixon Road tie point	Complete	May-15	

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30	Westraver	Fellsburg	<i>Performance was driven by line failure (73%) and trees on ROW (13%). 73% of the outages occurred on one day.</i>			1Q 2015 2Q 2015 3Q 2015
			On cycle tree trimming	To be completed 2015	95%	
31	Murrycrest	Sardis Road	<i>Performance was driven by trees off ROW (49%), equipment failure (24%), and lightning (19%). 36% of the outages occurred on one day.</i>			4Q 2014 1Q 2015 2Q 2015 3Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	May-14	
			Zone 1 circuit patrol. No hardware issues found. Twenty-two trees found and remediated.	Complete	Mar-15	
32	Donegal	Champion	<i>Performance was driven by line failure (47%), unknowns (21%), and vehicles (20%). 47% of the outages occurred on one minor storm day.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	May-15	
33	Westraver	West Newton	<i>Performance was driven by forced outages (36%), equipment failure (35%), and trees off ROW (22%). 80% of the outages occurred on two days.</i>			
			CEMI review to be performed	To be completed 2015	0%	
34	Hickory	Fort Cherry	<i>Performance was driven by trees on ROW (56%), forced outages (24%), and trees off ROW (16%). 52% of the outages occurred on one minor storm day.</i>			
			Cycle tree trimming	Complete	Jan-15	
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jul-15	
35	Houston	Canonsburg	<i>Performance was driven by trees off ROW (99%). 98% of the outages occurred on one minor storm day.</i>			
			Cycle tree trimming	To be completed 2015	0%	
			Overhead circuit patrol	To be completed 2015	0%	
36	Rutan	Bristoria	<i>Performance was driven by trees off ROW (58%) and line failure (30%). 57% of the outages occurred on two minor storm days.</i>			
			Zone 1 circuit patrol. No hardware issues found. Five trees found and remediated.	Complete	Jul-15	

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37	Smithton	Fitzhenry	<i>Performance was driven by vehicles (66%) and equipment failure (25%). 65% of the outages occurred on one day.</i>			2Q 2015 3Q 2015
			Cycle tree trimming	Complete	Dec-14	
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jan-15	
38	Emporium	West Creek	<i>Performance was driven by equipment failure (71%) and trees off ROW (25%). 56% of the outages occurred on one day.</i>			4Q 2014 1Q 2015 3Q 2015
			On cycle tree trimming	To be completed 2015	20%	
39	Wilcox	Wilcox	<i>Performance was driven by trees off ROW (58%) and unknowns (18%). 78% of the outages occurred on three days.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jul-15	
			On cycle tree trimming	To be completed 2015	0%	
40	South Fayette 138	Abele	<i>Performance was driven by equipment failure (47%), line failure (26%), and trees off ROW (15%). 78% of the outages occurred on two days.</i>			
			On cycle tree trimming	To be completed 2015	0%	
	West Waynesboro	Trinity	<i>Performance was driven by trees off ROW (47%) and vehicles (21%). 78% of the outages occurred on two days.</i>			4Q 2014 1Q 2015 2Q 2015
			Cycle tree trimming	Complete	Dec-14	
	Smith	Francis Mine	<i>Performance was driven by trees off ROW (87%). 87% of the outages occurred on three days.</i>			4Q 2014 1Q 2015 2Q 2015
			Zone 1 circuit patrol. No hardware issues found. Three trees found and remediated.	Complete	May-14	
	Fountaindale	Carroll Valley	<i>Performance was driven by trees on ROW (34%), forced outages (28%), and vehicles (23%). 74% of the outages occurred on three days.</i>			4Q 2014 1Q 2015 2Q 2015
			Zone 1 circuit patrol. No hardware issues found. Two trees found and remediated.	Complete	Jun-15	

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	Kittanning	Garretts Run	<i>Performance was driven by trees off ROW (52%), trees on ROW (27%), and forced outages (18%). 68% of the outages occurred on two days.</i>			4Q 2014 1Q 2015 2Q 2015
			Zone 1 circuit patrol. No hardware issues found. Five trees found and remediated.	Complete	May-14	
			On cycle tree trimming	To be completed 2015	1%	
	St. Clair	Valley	<i>Performance was driven by trees off ROW (52%) and vehicles (25%). 49% of the outages occurred on two days.</i>			1Q 2015 2Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
	Avella	W. Middletown	<i>Performance was driven by trees off ROW (41%), forced outages (16%), line failure (11%), and vehicles (7%). 29% of the outages occurred on one day.</i>			4Q 2014 1Q 2015 2Q 2015
			Cycle tree trimming	Complete	Dec-14	
			Zone 1 hardware and forestry patrol. No hardware or tree issues found.	Complete	Mar-15	
			Overhead circuit inspection	To be completed 2015	0%	
	Robbins	Mt. Vernon	<i>Performance was driven by trees off ROW (58%) and forced outages (26%). 89% of the outages occurred on three days.</i>			4Q 2014 1Q 2015 2Q 2015
			Cycle tree trimming	To be completed 2015	0%	
			Circuit inspection	To be completed 2015	0%	
	Peters	McMurray	<i>Performance was driven by trees off ROW (47%) and trees on ROW (26%). 64% of the outages occurred on three days.</i>			4Q 2014 1Q 2015 2Q 2015
			On cycle tree trimming	To be completed 2015	0%	
	Bethel Park	Dashwood	<i>Performance was driven by trees off ROW (82%). 61% of the outages occurred on two days.</i>			4Q 2014 1Q 2015 2Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	May-14	
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
	Buena Vista	Chicora	<i>Performance was driven by equipment failure (46%) and trees off ROW (33%). 79% of the outages occurred on three days.</i>			1Q 2015 2Q 2015
			Cycle tree trimming	Complete	Jan-15	
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	

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	Crossgates	Peters Twp	<i>Performance was driven by trees off ROW (87%). 85% of the outages occurred on one day.</i>			4Q 2014 1Q 2015 2Q 2015
			Zone 1 circuit patrol	Complete	Jun-14	
			On cycle tree trimming	To be completed 2015	30%	
	Luzerne	West Brownsville	<i>Performance was driven by vehicles (92%). 98% of the outages occurred on one day.</i>			4Q 2014 1Q 2015
			Circuit inspection	To be completed 2015	0%	
	Loyalhanna	Center Drive	<i>Performance was driven by trees off ROW (65%) and lightning (16%). 91% of the outages occurred on three days.</i>			4Q 2014 1Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	May-14	
			On cycle tree trimming	To be completed 2015	0%	
	North Fayette	Beechcliff	<i>Performance was driven by line failure (45%) and equipment failure (34%). 63% of the outages occurred on two days.</i>			4Q 2014 1Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	May-14	
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
	California	Malden	<i>Performance was driven by equipment failure (47%) and trees off ROW (33%). 59% of the outages occurred on two days.</i>			4Q 2014 1Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jan-14	
			Zone 1 circuit patrol. No hardware issues found. Two trees found and remediated.	Complete	Mar-15	
	Sewickley	Adamsburg	<i>Performance was driven by equipment failure (60%) and trees off ROW (40%). 100% of the outages occurred on two days.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	To be completed 2015	0%	
	Washington	Wade	<i>Performance was driven by equipment failure (50%), line failure (23%), and trees off ROW (16%). 69% of the outages occurred on two days.</i>			
			On cycle tree trimming	To be completed 2015	0%	
	Fayetteville	Bikle Road	<i>Performance was driven by trees off ROW (38%), trees on ROW (24%), and line failure (22%). 82% of the outages occurred on three days.</i>			
			Cycle tree trimming	To be completed 2015	67%	

ATTACHMENT C

FirstEnergy's Compliance with Terms of the March 30, 2015  
Management Audit Order

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*Pursuant to Docket Nos. D-2014-2365991 and D-2014-2365992, (Appendix A)(2): Met-Ed and Penelec are directed to provide a quarterly report that shall consist of a chart documenting the Open Priority 3 repairs and the Overdue Priority 3 (P3) Repairs for each company each quarter.*

	Penelec		Met-Ed	
	Open P3 Conditions	Overdue P3 Conditions	Open P3 Conditions	Overdue P3 Conditions
2Q	2,889	2,021	2,077	1,896
3Q	3,250 <sup>20</sup>	1,818	1,982	1,662
4Q				

**Open P3 Conditions:** Total number of open P3 conditions recorded on the last day of the quarter, including overdue P3 conditions

**Overdue P3 Conditions:** Number of open P3 conditions that have been open for more than 365 days

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<sup>20</sup> Penelec's open priority 3 conditions increased during the third quarter due to the comprehensive visual inspections of the 230kV system.

*Pursuant to Docket Nos. D-2014-2365991, D-2014-2365992, D-2014-2365993, and D-2014-2365994, (Appendix A)(3): FirstEnergy is directed to track and measure line hit incidents, causes of line hits, and damage recovery amounts for all third-party line hit incidents for each company.*

<b>Penn Power – 2015 Third Party Line Hit Incidents YTD September 2015<sup>21</sup></b>			
<b>Cause of Line Hit</b>	<b>Number of Incidents</b>	<b>Invoice Amount</b>	<b>Recovery Amount</b>
Dig In - Other	6	\$0	\$0
Excavated in Tolerance	4	\$9,623	\$1,087
Excavation Inconsistent with Ticket Scope	3	\$3,120	\$378
Excavation Prior to Lawful Start Date	1	\$198	\$198
Expired Ticket	1	\$2,221	\$2,221
Hand Digging	0	\$-0	\$0
Marked Improperly	2	\$3,818	\$3,818
No Ticket	8	\$19,160	\$9,567
<b>Total</b>	<b>25</b>	<b>\$38,140</b>	<b>\$17,278</b>

<b>Penelec – 2015 Third Party Line Hit Incidents YTD September 2015<sup>21</sup></b>			
<b>Cause of Line Hit</b>	<b>Number of Incidents</b>	<b>Invoice Amount</b>	<b>Recovery Amount</b>
Dig In - Other	0	\$0	\$0
Excavated in Tolerance	26	\$21,440	\$8,532
Excavation Inconsistent with Ticket Scope	3	\$2,926	\$1,488
Excavation Prior to Lawful Start Date	2	\$1,940	\$1,940
Expired Ticket	4	\$10,115	\$717
Hand Digging	3	\$278	\$0
Marked Improperly	7	\$27,782	\$8,609
No Ticket	25	\$41,181	\$6,287
<b>Total</b>	<b>70</b>	<b>\$105,662</b>	<b>\$27,573</b>

<sup>21</sup> Representative of claims identified since February 16, 2015, which corresponds with the implementation of the new CS-Stars Enterprise Claims Management Platform (STARS)

<b>Met-Ed – 2015 Third Party Line Hit Incidents YTD September 2015<sup>21</sup></b>			
<b>Cause of Line Hit</b>	<b>Number of Incidents</b>	<b>Invoice Amount</b>	<b>Recovery Amount</b>
Dig In - Other	8	\$0	\$0
Excavated in Tolerance	17	\$18,252	\$1,759
Excavation Inconsistent with Ticket Scope	7	\$3,629	\$2,063
Excavation Prior to Lawful Start Date	3	\$3,720	\$1,500
Expired Ticket	2	\$1,941	\$1,811
Hand Digging	0	\$0	\$0
Marked Improperly	3	\$7,720	\$7,720
No Ticket	10	\$31,876	\$2,616
<b>Total</b>	<b>50</b>	<b>\$67,138</b>	<b>\$17,469</b>

<b>West Penn Power – 2015 Third Party Line Hit Incidents YTD September 2015<sup>21</sup></b>			
<b>Cause of Line Hit</b>	<b>Number of Incidents</b>	<b>Invoice Amount</b>	<b>Recovery Amount</b>
Dig In - Other	6	\$0	\$0
Excavated in Tolerance	3	\$5,721	\$2,900
Excavation Inconsistent with Ticket Scope	1	\$1,705	\$0
Excavation Prior to Lawful Start Date	2	\$693	\$0
Expired Ticket	2	\$15,064	\$748
Hand Digging	2	\$0	\$0
Marked Improperly	3	\$4,996	\$4,996
No Ticket	16	\$29,608	\$12,823
<b>Total</b>	<b>35</b>	<b>\$57,787</b>	<b>\$21,467</b>

<b>Cause of Line Hit</b>	<b>Definition</b>
Dig In - Other	Still under investigation
Excavated in Tolerance	Excavator didn't use prudent digging techniques within the Tolerance Zone
Excavation Inconsistent with Ticket Scope	Excavation outside dig box and/or scope of ticket
Excavation Prior to Lawful Start Date	Three business days prior to start of excavation from when the ticket was called in to mark
Expired Ticket	After ten business days have passed, the ticket is considered expired
Hand Digging	Excavator was hand digging within the tolerance zone, however the facility was still hit
Marked Improperly	Ticket called in, facility and/or equipment was not marked properly
No Ticket	No contact was made to create a dig-request ticket

<sup>21</sup> Representative of claims identified since February 16, 2015, which corresponds with the implementation of the new CS-Stars Enterprise Claims Management Platform (STARS)

BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Joint 3<sup>rd</sup> Quarter 2015 Reliability Report – :  
Metropolitan Edison Company, :  
Pennsylvania Electric Company :  
Pennsylvania Power Company and West :  
Penn Power Company – Public Version :

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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:

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

Johnnie E. Simms  
Bureau of Investigation & Enforcement  
Pennsylvania Public Utility Commission  
P.O. Box 3265  
Harrisburg, PA 17105-3265

Scott Ruben  
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Bloomsburg, PA 17815-2036

David Dulick  
Pennsylvania Rural Electric Association  
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Harrisburg, PA 17101

Dated: October 30, 2015



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