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August 3, 2015

AUG 03 2015**VIA UNITED PARCEL SERVICE****PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120

L-00030161

**Re: Joint 2nd Quarter 2015 Reliability Report – Metropolitan Edison Company,
Pennsylvania Electric Company, Pennsylvania Power Company and West Penn
Power Company – Public Version**

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 57.195(d) and (e), enclosed for filing on behalf of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company (collectively, the "Companies") are two copies of the Joint 2nd 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 2nd 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 2nd 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.¹

Major Events

FirstEnergy Company	Customers Affected	Time and Duration of the Event		Cause of the Event	Commission Approval Status
Penn Power	15,838	Duration	23 hours and 39 minutes	Line of severe thunderstorms with high winds (+45 mph)	Verbal approval received on July 28, 2015
		Start Date/Time	May 11, 2015 18:33		
		End Date/Time	May 12, 2015 18:12		

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

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

Reliability Index Values

2Q 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	1.05 ²	1.26	1.52	1.45	1.15	1.38	1.25	1.05	1.26	1.13
CAIDI	101	121	109	117	141	131	117	140	126	170	204	148 ³
SAIDI	113	162	114	148	213	190	148	194	158	179	257	168 ³
MAIFI ⁴			1.18			3.74			0.79			
Customers Served ⁵	157,940			582,323			552,614			710,120		
Number of Sustained Interruptions	2,982			11,397			8,861			10,755		
Customers Affected	165,733			844,368			695,277			802,878		
Customer Minutes	18,046,040			110,776,262			87,744,939			119,160,103		
Number of Customer Momentary Interruptions	185,654			2,176,364			435,736					

² Penn Power achieved better than benchmark performance.

³ West Penn Power achieved better than benchmark performance.

⁴ MAIFI values are not available for West Penn Power.

⁵ 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

Outage by Cause				
2nd Quarter 2015 12-Month Rolling	Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
Trees off ROW - tree	5,285,305	509	45,739	17.07%
Equipment failure	3,334,694	346	22,082	11.60%
Animal	671,814	338	7,076	11.33%
Lightning	1,505,680	326	12,738	10.93%
Bird	293,770	289	3,421	9.69%
Line Failure	2,875,902	288	22,890	9.66%
Trees off ROW - limb	1,408,896	266	12,047	8.92%
Unknown	551,068	152	11,112	5.10%
Trees - sec/service	54,740	84	310	2.82%
Vehicle	1,105,136	80	7,923	2.68%
Overload	85,863	59	1,130	1.98%
Previous lightning	28,663	44	248	1.48%
Forced outage	115,637	41	4,862	1.37%
Ice	186,665	40	602	1.34%
Trees on ROW	100,141	27	1,084	0.91%
Human error - non-company	93,048	27	649	0.91%
Human error - company	76,845	26	6,944	0.87%
Customer equipment	251,568	16	4,628	0.54%
UG dig-up	8,229	11	96	0.37%
Object contact with line	5,793	9	77	0.30%
Vandalism	1,984	3	12	0.10%
Other electric utility	4,599	1	63	0.03%
Total	18,046,040	2,982	165,733	100.00%

Proposed Solutions – Penn Power

Trees off ROW - tree

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 trees that need to be trimmed or removed to avoid future outages. In addition, line and forestry personnel patrol for danger/priority trees as part of their daily work routine. The danger/priority tree program identifies off right-of-way trees that present a hazard to power lines. Under this program all circuits that have had trees off ROW 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.

Equipment failure

The number of equipment failures is mitigated by way of inspection and maintenance practices, such as circuit inspections, pole inspections, selective infrared scanning and others. 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.

Outages by Cause – Penelec

Outage by Cause				
2nd Quarter 2015 12-Month Rolling	Penelec			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
Equipment failure	28,973,564	3,350	286,882	29.39%
Unknown	8,317,409	1,775	79,759	15.57%
Trees off ROW - tree	32,662,683	1,169	137,249	10.26%
Animal	3,339,410	958	28,956	8.41%
Line Failure	13,115,592	869	104,874	7.62%
Forced outage	4,224,925	760	48,542	6.67%
Lightning	3,260,453	520	27,190	4.56%
Trees off ROW - limb	4,111,164	413	28,696	3.62%
Trees - sec/service	524,520	359	1,887	3.15%
Bird	713,572	304	9,117	2.67%
Vehicle	5,594,663	236	37,368	2.07%
Human error - company	2,560,366	177	19,290	1.55%
Trees on ROW	935,921	96	3,937	0.84%
Human error - non-company	759,928	96	9,517	0.84%
Overload	376,441	61	11,299	0.54%
UG dig-up	66,861	42	312	0.37%
Previous lightning	15,441	39	126	0.34%
Other electric utility	106,917	38	933	0.33%
Ice	8,514	30	44	0.26%
Object contact with line	417,112	28	1,583	0.25%
Fire	147,268	18	387	0.16%
Customer equipment	67,828	17	3,383	0.15%
Wind	361,426	16	957	0.14%
Vandalism	30,756	13	298	0.11%
Other utility - non electric	29,498	8	89	0.07%
Contamination	1,826	3	9	0.03%
Call Error	-	1	-	0.01%
Switching error	52,204	1	1,684	0.01%
Total	110,776,262	11,397	844,368	100.00%

Proposed Solutions – Penelec

Equipment failure

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

Inspection and maintenance practices, such as overhead circuit inspections, identify and correct potential equipment-related problems before they cause an outage. Penelec 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

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 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

Outage by Cause				
2nd Quarter 2015 12-Month Rolling	Met-Ed			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
Equipment failure	20,824,614	2,521	186,870	28.45%
Animal	2,438,091	1,169	32,049	13.19%
Unknown	6,990,608	1,146	75,532	12.93%
Trees off ROW - tree	19,248,002	746	76,785	8.42%
Line Failure	8,021,247	571	59,345	6.44%
Lightning	2,194,692	446	24,031	5.03%
Trees off ROW - limb	5,425,048	446	30,786	5.03%
Forced outage	3,974,464	374	83,414	4.22%
Trees on ROW	4,883,625	337	21,114	3.80%
Bird	1,087,994	304	15,527	3.43%
Vehicle	8,386,535	291	64,189	3.28%
Trees - sec/service	347,165	155	915	1.75%
Ice	1,549,851	79	3,552	0.89%
Human error - non-company	713,516	63	5,509	0.71%
Overload	260,249	52	3,372	0.59%
Object contact with line	713,844	43	4,611	0.49%
Customer equipment	40,975	31	503	0.35%
Previous lightning	10,933	23	46	0.26%
UG dig-up	216,083	18	579	0.20%
Human error - company	140,232	15	3,937	0.17%
Fire	66,554	10	727	0.11%
Contamination	3,593	6	36	0.07%
Other electric utility	5,007	6	28	0.07%
Vandalism	740	6	6	0.07%
Wind	196,157	2	1,174	0.02%
Switching error	5,120	1	640	0.01%
Total	87,744,939	8,861	695,277	100.00%

Proposed Solutions – Met-Ed

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.

The number of equipment failures is mitigated by way of inspection and maintenance practices, such as circuit inspections and others. 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.

Animal

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

Unknown

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.

Outages by Cause – West Penn Power

Outage by Cause				
2nd Quarter 2015 12-Month Rolling	West Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
Equipment failure	22,093,129	2,430	168,879	22.59%
Unknown	12,077,314	1,786	94,500	16.61%
Trees off ROW - tree	35,847,998	1,410	138,133	13.11%
Forced outage	9,015,301	1,190	152,372	11.06%
Line Failure	14,271,515	992	64,155	9.22%
Animal	1,440,119	927	21,917	8.62%
Trees on ROW	6,743,957	443	29,370	4.12%
Trees off ROW - limb	5,308,461	423	32,091	3.93%
Vehicle	7,568,774	315	54,291	2.93%
Bird	613,693	237	4,379	2.20%
Trees - sec/service	373,351	222	1,219	2.06%
Lightning	1,843,472	118	12,328	1.10%
Human error - non-company	1,000,621	92	10,903	0.86%
Human error - company	163,335	40	11,113	0.37%
UG dig-up	64,056	31	365	0.29%
Object contact with line	104,598	27	1,500	0.25%
Customer equipment	153,565	23	1,488	0.21%
Overload	107,546	16	1,523	0.15%
Vandalism	132,167	10	1,658	0.09%
Fire	14,123	7	55	0.07%
Wind	51,822	7	249	0.07%
Other electric utility	170,400	4	384	0.04%
Previous lightning	688	4	4	0.04%
Other utility - non electric	98	1	2	0.01%
Total	119,160,103	10,755	802,878	100.00%

Proposed Solutions – West Penn Power

Equipment failure

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. The number of equipment failures is mitigated through these programs and the 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. Engineering then plans accordingly to repair or replace facilities.

Equipment failure-caused outages in WPP 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 situations.

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

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. In 2012, West Penn Power also began a program targeting ash trees impacted by the Emerald Ash Borer. This has been an ongoing effort, continuing throughout 2014 and into 2015. These programs are in addition to the cycle tree trimming program for trimming circuits on a periodic 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	2Q	YTD	Annual	2Q	YTD	Annual	2Q	YTD	Annual	2Q	YTD
Forestry	Transmission (Miles)	53.31	8.22	39	526.65	142.5	252	262.27	97.1	97	168.99	50.16	62
	Distribution (Miles)	1,122	242	526	3,791	800	1,392	2,305	491	884	4,559	1,054	2,073
Transmission	Aerial Patrols	2	1	1	2	1	1	2	0	1	2	1	1
	Groundline	0	0	0	0	0	0	1,127	551	551	0	0	0
Substation	Substation Inspections Class A	146	0	73	802	3	404	422	0	211	980	0	490
	Substation Inspections Class B	146	73	73	802	404	404	422	211	211	980	490	490
	Substation Inspections Class C	584	146	292	3,208	815	1,617	1,688	422	844	3,920	1,960	2,940
	Transformers	112	75	75	598	239	417	343	214	230	551	201	346
	Breakers	10	1	1	242	100	130	71	25	48	428	100	125
	Relay Schemes	33	0	0	153	59	103	96	33	73	160	42	53
Distribution	Capacitors	998	21	998	8,766	0	8,766	4,753	0	4,753	1,304	0	1,304
	Poles	11,000	0	0	41,111	14,539	23,226	29,055	10,606	17,214	52,889	15,359	37,147
	Reclosers	791	517	592	2,571	0	0	1,085	514	969	3,762	920	3,651
	Radio-Controlled Switches	Penn Power has no radio-controlled switches			2,466	1,249	1,255	284	129	141	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 Expenditures⁶

Penn Power						
T&D O&M – 2Q / YTD June 2015 (\$)						
Transmission						
Category	2Q Actuals	2Q Budget	YTD Actuals	YTD Budget	Annual Budget	
560	Operation Supervision and Engineering	71	-	142	-	-
561	Load Dispatching	21,953	24,418	57,750	62,737	113,534
562	Station Expenses	-	-	-	-	-
563	Overhead Lines Expenses	-	-	-	-	-
565	Transmission of Electricity by Others	660,284	1,631,383	2,902,187	3,345,573	7,203,360
566	Miscellaneous Transmission Expenses	6,810	6,161	15,987	13,399	34,009
567	Rents	0	-	0	-	-
568	Maintenance Supervision and Engineering	1,408	2,269	3,803	4,673	10,899
569	Maintenance of Structures	7,147	17,598	14,503	40,480	84,131
570	Maintenance of Station Equipment	3,116	762	4,032	1,524	3,047
571	Maintenance of Overhead Lines	24,346	(22,448)	26,939	(40,939)	(78,786)
572	Maintenance of Underground Lines	-	-	-	-	-
573	Maintenance of Miscellaneous Transmission Plant	(568)	-	1	-	-
575	Market Administration, Monitoring & Compliance Services	3,518	4,022	11,855	10,672	20,035
Transmission Total		728,086	1,664,165	3,037,198	3,438,119	7,390,229
Distribution						
Category	2Q Actuals	2Q Budget	YTD Actuals	YTD Budget	Annual Budget	
580	Operation Supervision and Engineering	43	-	43	-	-
581	Load Dispatching	-	-	-	-	-
582	Station Expenses	3,495	-	4,055	-	-
583	Overhead Line Expenses	5,017	-	7,059	-	-
584	Underground Line Expenses	50,300	105,306	80,583	211,313	570,310
586	Meter Expenses	16,149	19,276	38,231	40,797	84,654
587	Customer Installations Expenses	-	-	-	-	-
588	Miscellaneous Distribution Expenses	(368,277)	171,881	99,034	364,356	782,299
589	Rents	91,973	79,747	176,388	159,493	318,986
590	Maintenance Supervision and Engineering	23,135	18,123	52,553	43,361	98,110
591	Maintenance of Structures	-	-	-	-	-
592	Maintenance of Station Equipment	202,964	71,581	378,217	117,791	577,877
593	Maintenance of Overhead Lines	2,582,890	2,022,743	4,329,765	4,124,141	11,532,013
594	Maintenance of Underground Lines	156,382	(2,164)	238,917	(4,329)	(8,657)
595	Maintenance Line Transformer	-	-	-	-	-
596	Maintenance of Street Lighting and Signal Systems	61,315	-	116,680	-	-
597	Maintenance of Meters	155,230	61,995	284,396	126,483	271,630
598	Maintenance of Miscellaneous Distribution Plant	74,164	108,665	164,214	248,091	498,884
Distribution Total		3,054,779	2,657,152	5,970,133	5,431,497	14,726,106
Penn Power Total		3,782,864	4,321,317	9,007,331	8,869,615	22,116,335

⁶ Budgets are subject to change.

Penelec
T&D O&M – 2Q / YTD June 2015 (\$)

Transmission						
Category		2Q Actuals	2Q Budget	YTD Actuals	YTD Budget	Annual Budget
560	Operation Supervision and Engineering	15,851	4,081	23,673	8,803	18,466
561	Load Dispatching	105,223	338,622	344,061	696,304	1,412,098
562	Station Expenses	9,701	-	11,264	-	-
563	Overhead Lines Expenses	2,487	2,827	228,096	279,263	355,969
565	Transmission of Electricity by Others	3,761,495	3,708,068	7,265,981	7,420,688	16,480,442
566	Miscellaneous Transmission Expenses	(195,035)	111,156	(604)	224,924	514,740
567	Rents	876,400	837,408	1,672,348	1,661,480	3,344,046
568	Maintenance Supervision and Engineering	266,803	322,506	554,123	693,804	1,459,004
569	Maintenance of Structures	142,440	104,974	264,317	246,450	486,189
570	Maintenance of Station Equipment	570,281	105,159	1,185,411	210,251	426,117
571	Maintenance of Overhead Lines	2,095,964	2,628,738	3,152,438	4,571,075	10,264,838
572	Maintenance of Underground Lines	1,482	-	1,482	-	-
573	Maintenance of Miscellaneous Transmission Plant	(2,744)	-	21,715	-	-
575	Market Administration, Monitoring & Compliance Services	5,165	6,853	16,918	16,489	30,918
Transmission Total		7,655,513	8,170,391	14,741,222	16,029,533	34,792,827
Distribution						
Category		2Q Actuals	2Q Budget	YTD Actuals	YTD Budget	Annual Budget
580	Operation Supervision and Engineering	(201,940)	25,621	(9,310)	48,530	101,171
581	Load Dispatching	84,320	97,543	180,910	206,552	427,181
582	Station Expenses	96,119	-	166,785	-	-
583	Overhead Line Expenses	33	11,162	14,245	26,325	52,827
584	Underground Line Expenses	241,434	244,762	354,195	372,044	789,356
585	Distribution-Street Lighting & Signal System Expenses	-	-	-	-	-
586	Meter Expenses	129,591	173,215	256,782	342,569	717,586
587	Customer Installations Expenses	-	-	-	-	-
588	Miscellaneous Distribution Expenses	1,645,047	1,235,205	4,195,871	2,311,257	5,227,693
589	Rents	477,262	306,851	791,962	613,703	1,227,405
590	Maintenance Supervision and Engineering	104,228	80,640	237,155	195,606	445,602
591	Maintenance of Structures	-	-	-	-	-
592	Maintenance of Station Equipment	965,325	1,594,605	1,721,811	3,263,233	6,784,758
593	Maintenance of Overhead Lines	4,965,472	4,878,864	8,389,951	9,446,524	20,139,740
594	Maintenance of Underground Lines	300,628	74,218	477,136	73,228	175,254
595	Maintenance Line Transformer	-	-	-	-	-
596	Maintenance of Street Lighting and Signal Systems	156,966	619,529	364,824	1,284,715	2,692,017
597	Maintenance of Meters	549,113	423,416	957,433	850,238	1,788,857
598	Maintenance of Miscellaneous Distribution Plant	913,871	518,888	1,880,355	1,217,394	2,423,154
Distribution Total		10,427,467	10,284,518	19,980,105	20,251,919	42,992,600
Penelec Total		18,082,981	18,454,909	34,721,328	36,281,452	77,785,428

Met-Ed
T&D O&M – 2Q / YTD June 2015 (\$)

Transmission						
Category	2Q Actuals	2Q Budget	YTD Actuals	YTD Budget	Annual Budget	
560	Operation Supervision and Engineering	13,111	3,759	19,957	8,285	17,503
561	Load Dispatching	170,824	347,925	374,000	733,088	1,491,628
562	Station Expenses	3,016	-	9,805	-	-
563	Overhead Lines Expenses	18,068	15,915	21,386	30,362	33,112
565	Transmission of Electricity by Others	3,148,707	3,579,276	7,508,093	7,245,043	16,390,649
566	Miscellaneous Transmission Expenses	(125,612)	89,228	69,035	194,979	444,540
567	Rents	277,978	208,893	481,367	417,787	835,574
568	Maintenance Supervision and Engineering	229,817	278,217	478,209	598,508	1,258,782
569	Maintenance of Structures	76,765	87,731	173,078	200,167	402,996
570	Maintenance of Station Equipment	279,777	431,440	748,127	997,382	2,389,753
571	Maintenance of Overhead Lines	936,428	1,435,585	1,514,893	2,473,271	5,550,301
572	Maintenance of Underground Lines	-	-	-	-	-
573	Maintenance of Miscellaneous Transmission Plant	68,706	45,614	144,445	89,222	218,250
575	Market Administration, Monitoring & Compliance Services	6,255	8,387	21,180	20,366	39,104
Transmission Total		5,103,840	6,531,971	11,563,576	13,008,461	29,072,193
Distribution						
Category	2Q Actuals	2Q Budget	YTD Actuals	YTD Budget	Annual Budget	
580	Operation Supervision and Engineering	15,996	17,301	32,492	44,170	94,022
581	Load Dispatching	60,124	79,128	126,394	182,639	377,351
582	Station Expenses	234,717	102,887	406,615	231,717	621,931
583	Overhead Line Expenses	2,213	7,750	6,954	28,435	37,277
584	Underground Line Expenses	-	144,119	7,170	288,239	576,477
585	Distribution-Street Lighting & Signal System Expenses	-	-	-	-	-
586	Meter Expenses	139,687	178,982	270,759	347,038	738,286
587	Customer Installations Expenses	-	-	-	-	-
588	Miscellaneous Distribution Expenses	1,439,638	2,094,557	3,268,256	3,237,678	8,848,872
589	Rents	140,106	135,218	288,607	270,437	540,873
590	Maintenance Supervision and Engineering	95,303	73,851	215,994	178,885	407,244
591	Maintenance of Structures	3,233	3,618	5,699	8,888	17,728
592	Maintenance of Station Equipment	1,056,840	957,209	1,697,813	1,965,805	3,938,353
593	Maintenance of Overhead Lines	5,038,774	4,422,460	9,797,031	8,400,318	18,199,723
594	Maintenance of Underground Lines	744,006	493,590	1,151,774	987,253	2,028,332
595	Maintenance Line Transformer	31,128	98,575	49,923	197,150	394,300
596	Maintenance of Street Lighting and Signal Systems	130,797	63,530	302,853	124,687	251,887
597	Maintenance of Meters	630,041	414,336	1,010,988	865,220	1,774,920
598	Maintenance of Miscellaneous Distribution Plant	442,607	485,708	1,018,170	1,095,406	2,213,807
Distribution Total		10,205,209	9,772,819	19,657,492	18,453,965	41,061,383
Met-Ed Total		15,309,048	16,304,790	31,221,068	31,462,426	70,133,576

West Penn Power
T&D O&M – 2Q / YTD June 2015 (\$)

Transmission						
Category		2Q Actuals	2Q Budget	YTD Actuals	YTD Budget	Annual Budget
560	Operation Supervision and Engineering	16,590	4,379	24,977	9,445	19,812
561	Load Dispatching	188,730	489,853	466,427	1,008,087	2,074,497
562	Station Expenses	25,064	435,929	72,004	932,305	1,878,106
563	Overhead Lines Expenses	3,244	2,000	5,760	2,000	7,000
565	Transmission of Electricity by Others	8,272,082	7,433,152	16,499,418	14,938,474	29,981,264
566	Miscellaneous Transmission Expenses	58,582	79,779	123,522	167,788	347,572
567	Rents	79,780	65,848	145,632	131,697	263,394
568	Maintenance Supervision and Engineering	81,892	91,777	115,037	203,028	442,246
569	Maintenance of Structures	12,225	58,758	25,510	135,762	287,972
570	Maintenance of Station Equipment	445,856	43,841	1,143,923	99,503	252,380
571	Maintenance of Overhead Lines	2,057,994	1,048,954	3,401,682	1,641,906	3,992,661
572	Maintenance of Underground Lines	458	-	458	-	-
573	Maintenance of Miscellaneous Transmission Plant	-	-	-	-	-
575	Market Administration, Monitoring & Compliance Services	5	-	15	-	-
Transmission Total		11,242,501	9,754,269	22,024,366	19,269,996	39,546,903
Distribution						
Category		2Q Actuals	2Q Budget	YTD Actuals	YTD Budget	Annual Budget
580	Operation Supervision and Engineering	77,434	22,806	108,427	52,224	123,987
581	Load Dispatching	296,937	319,922	615,936	659,407	1,439,153
582	Station Expenses	97,004	285,740	222,352	608,917	1,226,191
583	Overhead Line Expenses	432,310	443,792	897,236	955,473	1,333,065
584	Underground Line Expenses	337,246	243,563	542,834	487,238	974,363
586	Meter Expenses	174,439	151,908	362,933	311,928	733,731
587	Customer Installations Expenses	-	-	-	-	-
588	Miscellaneous Distribution Expenses	3,283,705	2,776,170	7,282,633	5,787,244	11,969,124
589	Rents	-	-	-	-	-
590	Maintenance Supervision and Engineering	93,958	72,162	209,730	175,888	401,360
591	Maintenance of Structures	-	-	-	-	-
592	Maintenance of Station Equipment	1,728,916	1,423,604	2,864,562	2,128,151	6,250,731
593	Maintenance of Overhead Lines	5,394,029	7,188,150	8,014,118	11,293,531	28,820,050
594	Maintenance of Underground Lines	160,032	482,910	351,233	719,430	1,706,905
595	Maintenance Line Transformer	-	-	-	-	-
596	Maintenance of Street Lighting and Signal Systems	174,799	186,627	505,191	398,802	803,116
597	Maintenance of Meters	291,809	320,480	583,024	685,271	1,381,068
598	Maintenance of Miscellaneous Distribution Plant	102,185	361,452	408,938	829,671	1,755,701
Distribution Total		12,644,804	14,279,285	22,969,145	25,093,175	58,918,545
West Penn Power Total		23,887,305	24,033,554	44,993,511	44,363,171	98,465,448

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 Expenditures⁷

Penn Power					
T&D Capital – 2Q/YTD June 2015 (\$)					
Category	2Q Actuals	2Q Budget	2Q YTD Actuals	2Q YTD Budget	Annual Budget
Capacity	558,724	490,072	684,393	784,948	2,223,398
Condition	(109,404)	1,597,418	396,483	3,152,690	7,034,550
Facilities	51,487	619,138	60,921	627,955	956,803
Forced	1,285,620	537,021	2,343,525	909,455	2,041,265
Meter Related	160,128	(7,527)	397,039	(14,983)	(29,894)
New Business	(1,541,815)	534,506	(321,329)	1,454,081	2,547,564
Other	10,101,006	5,781,226	13,963,930	10,767,263	21,961,385
Reliability	1,643,294	508,941	2,724,840	1,374,452	2,532,325
Street Light	(33,201)	16,179	37,945	31,998	65,228
Tools & Equipment	200,028	73,652	261,995	148,633	323,145
Vegetation Management	721,966	998,011	1,812,894	1,996,166	3,992,187
Penn Power Total	13,037,834	11,148,636	22,362,636	21,232,658	43,647,957

Penelec					
T&D Capital – 2Q/YTD June 2015 (\$)					
Category	2Q Actuals	2Q Budget	2Q YTD Actuals	2Q YTD Budget	Annual Budget
Capacity	9,173,535	2,579,564	12,428,313	5,132,104	5,883,018
Condition	2,771,842	6,122,958	6,380,570	12,293,682	25,235,991
Facilities	218,171	541,284	750,283	1,105,019	2,429,569
Forced	14,322,860	8,196,502	20,999,908	15,230,611	32,416,429
Meter Related	1,474,573	928,654	3,349,877	1,800,408	3,780,689
New Business	4,925,703	2,939,515	7,815,819	5,817,300	11,739,956
Other	4,281,124	8,857,345	3,929,427	14,854,065	29,531,666
Reliability	6,330,065	3,876,568	14,287,939	7,485,024	15,068,538
Street Light	384,386	465,606	979,700	928,500	1,864,142
Tools & Equipment	1,126,036	785,092	3,006,559	1,703,204	4,770,812
Vegetation Management	4,440,024	5,128,171	9,144,393	9,743,611	20,627,446
Penelec Total	49,448,319	40,421,261	83,072,787	76,093,528	153,348,258

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

⁷ Budgets are subject to change.

Met-Ed					
T&D Capital – 2Q/YTD June 2015 (\$)					
Category	2Q Actuals	2Q Budget	2Q YTD Actuals	2Q YTD Budget	Annual Budget
Capacity	2,135,435	2,229,188	5,678,769	4,532,878	7,351,896
Condition	3,377,157	3,661,282	7,885,650	7,323,438	14,746,353
Facilities	472,915	618,897	942,164	857,016	3,895,007
Forced	7,209,272	5,422,754	11,853,967	11,283,321	21,860,758
Meter Related	695,184	1,012,408	2,040,700	1,898,458	3,864,460
New Business	3,827,031	3,518,348	7,590,246	6,185,278	12,437,644
Other	5,624,870	7,467,219	5,968,935	12,639,995	26,503,727
Reliability	718,810	1,804,471	3,525,249	3,189,333	6,533,178
Street Light	58,003	139,126	194,204	240,050	492,096
Tools & Equipment	313,565	187,221	700,091	387,997	946,073
Vegetation Management	1,079,944	1,328,485	2,758,389	2,348,596	5,116,770
Met-Ed Total	25,512,187	27,389,398	49,138,363	50,886,361	103,747,962

West Penn Power					
T&D Capital – 2Q/YTD June 2015 (\$)					
Category	2Q Actuals	2Q Budget	2Q YTD Actuals	2Q YTD Budget	Annual Budget
Capacity	4,386,463	3,046,920	6,374,582	5,448,986	6,879,465
Condition	1,940,955	2,607,073	3,145,779	5,043,162	9,772,124
Facilities	1,983,849	2,197,619	2,343,487	2,644,340	5,988,783
Forced	7,902,910	7,224,894	12,085,690	15,204,305	28,791,843
Meter Related	826,286	602,225	2,010,790	1,278,628	2,570,325
New Business	6,639,918	9,238,566	13,183,969	14,219,552	25,459,848
Other	2,978,645	5,612,679	4,060,842	8,072,848	20,133,955
Reliability	2,145,870	1,814,409	3,733,025	3,307,072	7,112,923
Street Light	290,845	198,183	841,688	407,905	827,750
Tools & Equipment	589,924	336,957	1,384,468	596,025	1,698,880
Vegetation Management	6,709,835	7,901,897	16,175,948	15,714,289	31,277,667
West Penn Power Total	36,395,501	40,781,424	65,340,268	71,937,112	140,513,562

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).⁸

Staffing Levels

Penn Power 2015												
Staffing Level					Staff Added in Quarter			Staff Lost in Quarter			Plan to Hire in 2016 ¹¹	
Department	Position	1Q	2Q	3Q	4Q	New Hire – Experienced	New Hire – PSI Student	Other ⁹	Retirement	Voluntary Separation	Other ¹⁰	
Distribution	Line Leader	26	25					2	3			
	Line Troubleshooter	13	11								2	
	Lineman	40	42			2		1			1	
Substation	Substation Leader	5	5									
	Substation Employee	17	17									
Transmission	Line Leader	1	1									
	Lineman	3	3									
Total		105	104			2		3	3		3	

⁸ 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.

⁹ Includes transfers, promotions, and promotions within a position

¹⁰ Includes transfers, involuntary separations, promotions, and promotions within a position

¹¹ Hiring plan to be provided annually in the 4Q report

Penelec 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 ⁹	Retirement	Voluntary Separation	Other ¹⁰	Hire in 2016 ¹¹
Distribution	Line Leader	92	88					1			5	
	Line Troubleshooter	59	62					7			4	
	Lineman	109	109					5			5	
Substation	Substation Leader	3	3									
	Substation Employee	67	66						1			
Transmission	Line Leader	1	1									
	Lineman	5	5									
Total		336	334					13	1		14	

Met-Ed 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 ⁹	Retirement	Voluntary Separation	Other ¹⁰	Hire in 2016 ¹¹
Distribution	Line Leader	55	55									
	Line Troubleshooter	32	33					2			1	
	Lineman	125	124					3		1	3	
Substation	Substation Leader	9	9									
	Substation Employee	64	62					2			4	
Transmission	Line Leader	1	1									
	Lineman	3	3									
Total		289	287					7		1	8	

⁹ Includes transfers, promotions, and promotions within a position

¹⁰ Includes transfers, involuntary separations, promotions, and promotions within a position

¹¹ 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 ¹¹
Department	Position	1Q	2Q	3Q	4Q	New Hire – Experienced	New Hire – PSI Student	Other ⁹	Retirement	Voluntary Separation	Other ¹⁰	
Distribution	Line Leader	70	66					1	4		1	
	Lineman	146	159			1	14	15	5	1	11	
Substation	Substation Leader	14	14									
	Substation Employee	52	53			1	2	3	4		1	
Transmission	Line Leader	1	1									
	Lineman	2	2									
Total		285	295			2	16	19	13	1	13	

⁹ Includes transfers, promotions, and promotions within a position

¹⁰ Includes transfers, involuntary separations, promotions, and promotions within a position

¹¹ Hiring plan to be provided annually in the 4Q report

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

Contractor Expenditures

This portion of the report is confidential.

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

Penn Power													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Hermitage	W-260	Clark	2,376	55	2	500,211	8,422	3.17	211	3.54	59	0.28
2	Stoneboro	W-132	Clark	1,063	52	0	415,192	2,447	2.63	391	2.30	170	0.71
3	Hadley	W-195	Clark	901	52	0	407,818	3,153	2.58	453	3.50	129	0.08
4	Canal	W-101	Clark	1,470	51	0	358,349	1,666	2.27	244	1.13	215	1.57
5	Knox	D509	Zelienople	961	11	2	337,669	2,116	2.14	351	2.20	160	0.51
6	Stoneboro	W-131	Clark	1,400	78	0	327,288	2,001	2.07	234	1.43	164	0.34
7	Hartstown	W-125	Clark	753	34	0	318,239	1,287	2.01	423	1.71	247	0.15
8	Jamestown	W-162	Clark	1,038	30	0	268,234	1,444	1.70	258	1.39	186	0.70
9	Mercer	W-167	Clark	839	40	0	260,852	1,161	1.65	311	1.38	225	0.60

Penelec													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Brooklyn	00749-65	Montrose	499	21	2	2,027,426	1,300	3.48	4,063	2.61	1,560	4.08
2	Warren South	00220-41	Warren	2,921	104	0	1,828,426	10,239	3.14	626	3.51	179	1.91
3	Union City	00206-43	Erie	3,748	124	0	1,684,041	14,323	2.89	449	3.82	118	13.09
4	Punxsutawney	00625-23	DuBois	506	20	1	1,524,309	2,078	2.62	3,012	4.11	734	27.66
5	DuBois Central	00119-23	DuBois	1,363	40	0	1,378,574	3,511	2.37	1,011	2.58	393	0.78
6	Grandview	00354-51	Oil City	551	40	4	1,074,372	4,286	1.84	1,950	7.78	251	2.93
7	Boyer	00583-31	Erie	1,688	22	1	1,031,779	7,446	1.77	611	4.41	139	2.89
8	East Pike	00095-13	Indiana	2,981	33	2	1,029,168	14,569	1.77	345	4.89	71	18.27
9	Falls	00297-65	Montrose	795	34	0	984,876	2,338	1.69	1,239	2.94	421	2.57
10	Thompson	00436-65	Montrose	1,338	72	0	958,704	2,595	1.65	717	1.94	369	2.18
11	Madera	00166-22	Philipsburg	2,159	64	1	928,575	4,154	1.59	430	1.92	224	4.31
12	Wyalusing	00532-62	Towanda	711	21	1	927,005	2,813	1.59	1,304	3.96	330	10.39
13	Titusville	00387-51	Oil City	624	19	0	818,336	894	1.41	1,311	1.43	915	8.04
14	Saxton	00625-73	Altoona	1,315	28	0	804,308	4,664	1.38	612	3.55	172	2.13
15	Tionesta Jet Sw Sta	00498-51	Oil City	1,085	45	1	752,670	6,695	1.29	694	6.17	112	14.03
16	Millcreek	00052-11	Johnstown	1,052	21	2	744,150	4,239	1.28	707	4.03	176	8.07
17	Tower 51	00051-11	Johnstown	578	26	0	729,179	2,516	1.25	1,262	4.35	290	10.45
18	East Towanda	00525-62	Towanda	564	39	0	690,499	2,212	1.19	1,224	3.92	312	3.61
19	East Pike	00096-13	Indiana	2,612	22	3	685,151	5,935	1.18	262	2.27	115	0.00
20	N Meshoppen Tran	00534-65	Montrose	956	51	0	667,898	3,045	1.15	699	3.19	219	3.73
21	McKean	00411-34	Erie	1,032	48	2	649,721	3,404	1.12	630	3.30	191	12.54
22	Piney	00523-51	Oil City	1,191	43	0	644,996	4,161	1.11	542	3.49	155	5.37
23	Meyersdale North	00022-12	Somerset	1,508	26	0	644,153	2,350	1.11	427	1.56	274	1.90
24	Laceyville	00278-65	Montrose	354	7	0	635,113	702	1.09	1,794	1.98	905	0.00
25	Cooper	00069-11	Johnstown	680	25	2	614,167	3,045	1.05	903	4.48	202	22.50
26	Marienville	00328-51	Oil City	1,199	39	0	577,783	3,521	0.99	482	2.94	164	21.27
27	Laporte	00772-62	Towanda	349	11	2	569,061	785	0.98	1,631	2.25	725	16.53
28	DuBois	00137-23	DuBois	3,086	74	0	568,838	4,304	0.98	184	1.39	132	0.22
29	Thompson	00442-65	Montrose	654	33	0	541,953	1,209	0.93	829	1.85	448	9.29
30	Brookville	00125-23	DuBois	627	32	0	538,687	2,938	0.93	859	4.69	183	2.70
31	Salix	00070-11	Johnstown	2,212	42	0	512,680	4,434	0.88	232	2.00	116	0.96
32	Brookville West	00121-23	DuBois	768	38	0	475,165	1,851	0.82	619	2.41	257	3.29
33	Meshoppen	00283-65	Montrose	358	21	1	474,710	978	0.82	1,326	2.73	485	0.00
34	Edgewood	00089-13	Indiana	882	21	0	472,629	1,094	0.81	536	1.24	432	2.01
35	Timblin	00103-23	DuBois	857	30	0	459,205	2,307	0.79	536	2.69	199	12.86

Penelec													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
36	Blairsville East	00081-13	Indiana	1,647	25	2	450,083	3,947	0.77	273	2.40	114	13.81
37	Dixonville East	00098-13	Indiana	767	27	1	441,201	1,893	0.76	575	2.47	233	1.04
38	Timblin	00116-23	DuBois	232	16	0	418,486	1,292	0.72	1,804	5.57	324	7.06
39	Buffalo Road	00580-31	Erie	1,417	15	2	406,416	3,914	0.70	287	2.76	104	4.52
40	McConnellstown	00099-82	Altoona	776	17	3	404,373	3,634	0.69	521	4.68	111	14.46
41	Russell Hill	00282-65	Montrose	1,094	51	0	390,769	1,359	0.67	357	1.24	288	4.51
42	Buffalo Road	00265-31	Erie	867	13	0	386,962	1,334	0.66	446	1.54	290	9.28
43	Birmingham	00168-22	Philipsburg	1,066	44	0	384,474	3,615	0.66	361	3.39	106	3.65
44	Kearsarge	00528-31	Erie	1,180	14	0	380,436	1,877	0.65	322	1.59	203	1.51
45	East Hickory	00201-41	Warren	337	19	1	370,034	1,883	0.64	1,098	5.59	197	33.14
46	Church	00427-34	Erie	735	18	1	368,214	1,389	0.63	501	1.89	265	3.37
47	French Road	00223-31	Erie	2,208	25	2	366,106	3,599	0.63	166	1.63	102	1.66
48	North Warren	00596-41	Warren	1,121	53	0	356,813	3,117	0.61	318	2.78	114	2.22
49	East Hickory	00200-41	Warren	465	29	1	354,340	1,240	0.61	762	2.67	286	20.89
50	N Meshoppen Tran	00437-65	Montrose	488	21	0	350,792	618	0.60	719	1.27	568	3.75
51	Springboro	00237-52	Meadville	2,799	61	0	348,977	4,793	0.60	125	1.71	73	17.34
52	McVeytown	00112-81	Lewistown	1,352	35	1	344,667	1,897	0.59	255	1.40	182	16.41
53	Lake City	00429-34	Erie	735	14	0	341,869	1,111	0.59	465	1.51	308	2.00
54	Bradford South	00106-42	Bradford	1,183	23	0	335,646	2,237	0.58	284	1.89	150	0.21
55	Utica Junction	00318-51	Oil City	859	41	0	332,804	1,456	0.57	387	1.69	229	4.33
56	Page Road	00445-43	Erie	653	35	0	330,894	1,382	0.57	507	2.12	239	9.62
57	Belleville	00124-81	Lewistown	543	20	2	329,040	1,135	0.57	606	2.09	290	16.29
58	Union City	00207-43	Erie	844	35	3	328,574	2,401	0.56	389	2.84	137	4.63
59	National Forge Sw Sta	00577-41	Warren	519	38	0	323,080	2,572	0.55	623	4.96	126	6.09
60	Wellsboro	00324-63	Mansfield	262	23	2	321,927	893	0.55	1,229	3.41	361	24.08
61	Shawville	00153-21	Clearfield	1,057	29	0	319,827	1,719	0.55	303	1.63	186	1.75
62	Green Garden	00224-31	Erie	1,718	32	1	313,091	4,998	0.54	182	2.91	63	4.56
63	Lake Como	00788-65	Montrose	621	36	0	306,735	1,127	0.53	494	1.81	272	25.26

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	3,175	117	0	1,890,060	6,641	34.21	595.29	2.09	284.60	0.00
2	Fox Hill	00816-3	Stroudsburg	3,810	67	1	1,588,406	12,253	28.75	416.90	3.22	129.63	3.21
3	Shawnee	00895-3	Stroudsburg	3,694	95	0	1,472,521	6,798	26.66	398.63	1.84	216.61	0.68
4	Birdsboro	00756-1	Reading	1,520	78	4	1,183,987	5,378	21.43	778.94	3.54	220.15	2.63
5	Birchwood	00623-3	Stroudsburg	1,312	43	2	1,170,014	4,776	21.18	891.78	3.64	244.98	1.00
6	S. Nazareth	00809-3	Easton	3,087	51	0	1,046,892	6,354	18.95	339.13	2.06	164.76	0.99
7	North Cornwall	00610-2	Lebanon	1,743	45	1	1,039,121	6,721	18.81	596.17	3.86	154.61	7.36
8	Birchwood	00622-3	Stroudsburg	1,824	30	2	1,025,155	5,950	18.56	562.04	3.26	172.29	0.00
9	Straban	00676-4	Gettysburg	1,086	34	1	714,523	3,589	12.93	657.94	3.30	199.09	3.91
10	Allen	00502-4	Dillsburg	1,066	48	4	934,628	6,355	16.92	876.76	5.96	147.07	6.91
11	Snydersville	00621-3	Stroudsburg	1,762	36	2	901,395	5,371	16.32	511.57	3.05	167.83	1.00
12	Bern Church	00789-1	Reading	1,413	56	0	842,019	3,211	15.24	595.91	2.27	262.23	2.01
13	Swatara Hill	00763-2	Lebanon	1,400	36	1	820,403	3,347	14.85	586.00	2.39	245.12	3.15
14	Annvile	00741-2	Lebanon	959	33	3	704,989	3,275	12.76	735.13	3.42	215.26	14.95
15	Mountain	00744-4	Dillsburg	1,410	41	1	680,352	3,807	12.32	482.52	2.70	178.71	0.00
16	Newberry	00586-4	York	1,603	45	2	602,512	4,818	10.91	375.87	3.01	125.05	2.99
17	South Lebanon	00780-2	Lebanon	1,263	31	1	585,706	6,928	10.60	463.74	5.49	84.54	6.13
18	Annvile	00743-2	Lebanon	1,155	37	1	565,522	4,805	10.24	489.63	4.16	117.69	2.00
19	North Bangor	00813-3	Easton	1,406	39	1	544,832	2,805	9.86	387.50	2.00	194.24	0.00
20	Swatara Hill	00764-2	Lebanon	1,435	45	2	538,274	3,632	9.74	375.10	2.53	148.20	0.00
21	Shawnee	00860-3	Stroudsburg	3,069	49	0	512,917	5,654	9.29	167.13	1.84	90.72	0.69
22	Carsonia	00764-1	Reading	2,864	35	1	511,374	4,113	9.26	178.55	1.44	124.33	0.00
23	Mountain	00740-4	Dillsburg	2,507	38	1	480,712	7,341	8.70	191.75	2.93	65.48	0.00
24	Shawnee	00899-3	Stroudsburg	1,764	74	0	479,342	4,400	8.68	271.74	2.49	108.94	0.00
25	Dillsburg	00749-4	Dillsburg	1,795	48	1	473,453	4,911	8.57	263.76	2.74	96.41	0.19
26	Birdsboro	00757-1	Reading	1,925	43	0	441,420	3,386	7.99	229.31	1.76	130.37	0.79
27	Bairs	00571-4	York	1,771	47	0	441,201	5,672	7.99	249.13	3.20	77.79	0.01
28	North Lebanon	00712-2	Lebanon	1,923	42	1	440,625	4,293	7.98	229.13	2.23	102.64	3.00
29	Saylorsburg	00114-3	Stroudsburg	677	20	1	434,718	1,099	7.87	642.12	1.62	395.56	0.00
30	Bath	00873-3	Easton	2,116	32	1	432,021	4,074	7.82	204.17	1.93	106.04	0.00
31	Flying Hills	00776-1	Reading	1,488	33	1	431,911	4,154	7.82	290.26	2.79	103.97	1.57
32	Newberry	00576-4	York	1,769	64	1	427,923	3,379	7.75	241.90	1.91	126.64	4.66
33	Marshalls Creek	00128-3	Stroudsburg	504	14	1	423,273	670	7.66	839.83	1.33	631.75	1.00
34	Leesport	00811-1	Hamburg	1,449	32	2	417,220	3,651	7.55	287.94	2.52	114.28	0.03

Met-Ed													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
35	Lickdale	00626-2	Lebanon	2,068	49	1	417,207	3,638	7.55	201.74	1.76	114.68	2.00
36	Weisenberg	00602-1	Hamburg	941	25	0	409,774	1,274	7.42	435.47	1.35	321.64	0.91
37	3 rd and Green	00785-2	Lebanon	1,619	9	3	404,251	4,994	7.32	249.69	3.08	80.95	0.01
38	Annvile	00742-2	Lebanon	1,068	34	1	401,814	1,857	7.27	376.23	1.74	216.38	2.20

West Penn Power												
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI
1	Cecil	Bishop	Boyce	1,611	43	1	1,562,857	5,215	2.20	970.1	3.24	300
2	Galley	Waterdam	Washington Pa	1,615	9	0	1,398,963	3,757	1.97	866.2	2.33	372
3	Kiski Valley Distrib	Kittanning Rd	Arnold	1,806	33	1	1,295,248	3,567	1.82	717.2	1.98	363
4	Vandergrift	Grifflo Park	Arnold	2,720	48	3	1,272,197	9,104	1.79	467.7	3.35	140
5	Shaffers Corner	Seventh St Rd	Arnold	2,069	26	4	1,069,993	11,711	1.51	517.2	5.66	91
6	Dutch Fork	Claysville	Washington Pa	1,600	67	2	1,033,768	5,567	1.45	646.1	3.48	186
7	Weedville	Weedville	St Marys	1,362	19	0	953,911	1,942	1.34	700.4	1.43	491
8	Gordon	Wolfdale	Washington Pa	2,064	41	1	943,248	4,048	1.33	457.0	1.96	233
9	West Waynesboro	Trinity	Waynesboro	2,166	26	2	865,771	5,612	1.22	399.7	2.59	154
10	Smith	Francis Mine	McDonald	1,452	27	3	862,031	4,665	1.21	593.7	3.21	185
11	Westraver	Pittsburgh Coal	Charleroi	2,254	34	0	862,020	5,833	1.21	382.4	2.59	148
12	Lake Lynn-Union	Fancy Hill	Uniontown	942	48	0	844,940	3,633	1.19	897.0	3.86	233
13	Gordon	Tyler	Washington Pa	1,876	24	4	759,999	8,646	1.07	405.1	4.61	88
14	Fountaindale	Carroll Valley	Waynesboro	1,224	47	0	728,016	3,794	1.02	594.8	3.10	192
15	North Fayette	Oakdale	McDonald	1,373	22	2	726,516	3,103	1.02	529.1	2.26	234
16	Butler	Center Ave	Butler	1,673	30	0	691,233	3,670	0.97	413.2	2.19	188
17	Charleroi	Warner	Charleroi	1,281	17	2	684,616	3,435	0.96	534.4	2.68	199
18	Shaffers Corner	Braeburn	Arnold	1,297	24	0	679,123	2,260	0.96	523.6	1.74	301
19	Kittanning	Garretts Run	Kittanning	1,626	18	1	678,100	5,092	0.95	417.0	3.13	133
20	Amity	Banetown	Washington Pa	1,491	37	0	657,094	2,754	0.92	440.7	1.85	239
21	St. Clair	Valley	Boyce	2,532	29	0	654,924	4,967	0.92	258.7	1.96	132
22	Avella	W. Middletown	Washington Pa	1,133	42	0	615,478	2,847	0.87	543.2	2.51	216
23	Cecil	Southpointe	Boyce	450	6	0	615,174	2,187	0.87	1,367.1	4.86	281
24	Robbins	Mt. Vernon	Jeannette	1,042	18	0	613,370	1,829	0.86	588.7	1.76	335
25	Peters	McMurray	Boyce	1,693	33	1	598,712	4,618	0.84	353.6	2.73	130
26	Superior	Culmerville	Arnold	1,177	19	1	592,506	1,836	0.83	503.4	1.56	323
27	Westraver	Fellsburg	Charleroi	1,162	21	1	585,982	2,456	0.82	504.3	2.11	239
28	Cecil	Muse	Boyce	757	11	1	578,007	1,119	0.81	763.6	1.48	517
29	Cecil	Hendersonville	Boyce	2,024	14	1	568,543	3,259	0.80	280.9	1.61	174
30	Bethel Park	Dashwood	Boyce	2,131	19	1	557,414	6,974	0.78	261.6	3.27	80
31	Buena Vista	Chicora	Butler	1,155	22	2	549,134	3,376	0.77	475.4	2.92	163
32	New Bethlehem	Hawthorn	Clarion	1,138	21	1	539,828	2,215	0.76	474.4	1.95	244
33	Smithton	Fitzhenry	Charleroi	1,126	24	1	533,271	2,390	0.75	473.6	2.12	223
34	Piney Fork	Cochran Mill	Charleroi	1,078	10	1	519,913	2,091	0.73	482.3	1.94	249
35	Hickory	Hickory	McDonald	911	46	0	511,561	3,519	0.72	561.5	3.86	145

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

West Penn Power												
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI
36	South Fayette 138	Abele	Boyce	911	19	1	510,842	2,635	0.72	560.8	2.89	194
37	Harwick	Harmar	Arnold	937	16	0	505,160	2,396	0.71	539.1	2.56	211
38	Murrycrest	Sardis Road	Jeannette	1,484	28	2	477,419	3,551	0.67	321.7	2.39	134
39	Sewickley	Adamsburg	Jeannette	1,265	13	2	468,271	2,934	0.66	370.2	2.32	160
40	Crossgates	Peters Twp	Boyce	1,189	27	1	467,290	1,987	0.66	393.0	1.67	235

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

ATTACHMENT B

Worst Performing Circuits – Remedial Actions

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.

Penn Power						
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
1	Hermitage	W-260	<i>Performance was driven by equipment failure (40%), trees off ROW (35%), and vehicles (8%).</i>			
			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	85%	
2	Stoneboro	W-132	<i>Performance was driven by trees off ROW (68%) and line failure (19%).</i>			3Q 2014 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	99%	
Forestry to trim circuit	To be completed 2015	97%				

Penn Power							
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	
3	Hadley	W-195	<i>Performance was driven by trees off ROW (37%), vehicles (24%), and line failure (12%).</i>				4Q 2014 1Q 2015 2Q 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		
			Enhanced tree trimming	To be completed 2015	97%		
4	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 second quarter.</i>				3Q 2014 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		
			Enhanced tree trimming	To be completed 2015	75%		
			Conduct thermal scan of circuit	To be completed 2015	0%		
5	Knox	D509	<i>Performance was driven by trees off ROW (77%) and equipment failure (37%).</i>				
			Repair equipment failure	Complete	Nov-14		
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jun-15		
6	Stoneboro	W-131	<i>Performance was driven by trees off ROW (48%), equipment failure (15%), ice (10%), and line failure (9%).</i>				3Q 2014 1Q 2015 2Q 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		
Enhanced tree trimming	To be completed 2015	11%					

Penn Power						
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
7	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 second 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%	
8	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 second quarter.</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure	Complete	Feb-14	
			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	To be completed 2015	0%	
Enhanced tree trimming	To be completed 2015	88%				
9	Mercer	W-167	<i>Performance was driven by line failure (43%), trees off ROW (37%), and animals (10%).</i>			
			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	
Enhanced tree trimming	To be completed 2015	41%				
	Mercer	W-129	<i>Performance was driven by lightning (50%), trees off ROW (11%), animals (10%), and equipment failure (7%).</i>			3Q 2014 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%	
Forestry to trim circuit	To be completed 2015	69%				

Penn Power						
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
	Mercer	W-128	<i>Performance was driven by trees off ROW (55%) and line failure (15%).</i>			3Q 2014 1Q 2015
			Repair damage caused by tree	Complete	Jun-14	
			Repair line failure	Complete	Jan-15	
			Forestry to trim circuit	To be completed 2015	65%	
	Bessemer	D-394	<i>Performance was driven by trees off ROW (42%) and ice (7%). No significant outages occurred on this circuit during the second quarter.</i>			3Q 2014 4Q 2014
			Transferred load to reduce Overload	Complete	Jan-14	
			Repair line failure	Complete	Jan-14	
			Cycle tree trimming	Complete	Dec-14	
	Chippewa	D-557	<i>Performance was driven by line failure (65%), trees off ROW (15%), and equipment failure (10%). No significant outages occurred on this circuit during the second quarter.</i>			3Q 2014 4Q 2014
			Repair line failure	Complete	Jan-14	
			Repair equipment failure	Complete	Feb-14	
			Forestry to trim circuit	Complete	Apr-15	
	Thompson Run	D-550	<i>Performance was driven by vehicle (47%), trees off ROW (16%), and lightning (9%).</i>			3Q 2014 4Q 2014
			Pole was replaced and equipment repaired	Complete	Mar-14	
			Repair damage caused by tree	Complete	Apr-14	
			Repair damage caused by tree	Complete	Oct-14	
			Forestry to trim circuit	To be completed 2015	0%	

Penelec						
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
1	Brooklyn	00749-65	<i>Performance was driven by trees off ROW (99%).</i>			3Q 2014
			Repair tree damage	Complete	Jul-14	4Q 2014
			Repair damage caused by trees during a storm	Complete	Jul-14	1Q 2015 2Q 2015
2	Warren South	00220-41	<i>Performance was driven by trees off ROW (80%) and line failure (12%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 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	To be completed 2015	0%				
3	Union City	00206-43	<i>Performance was driven by equipment failure (47%), lightning (19%), and trees off ROW (17%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 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	
			Porcelain cutout replacement	To be completed 2015	0%	
			Circuit inspection	To be completed 2015	0%	
4	Punxsutawney	00625-23	<i>Performance was driven by trees off ROW (66%) and line failure (33%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 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	

Penelec							
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	
5	DuBois Central	00119-23	<i>Performance was driven by trees off ROW (82%) and fuse operation of unknown cause (10%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Jun-14		
			Restore fuse operation of unknown cause during a storm	Complete	Sep-14		
			Repair damage caused by trees during a storm	Complete	Sep-14		
			Repair damage caused by trees during a storm	Complete	Nov-14		
			Repair damage caused by trees	Complete	Feb-15		
			Repair damage caused by trees during a storm	Complete	Jun-15		
6	Grandview	00354-51	<i>Performance was driven by trees off ROW (81%), line failure (15%), and vehicles (4%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 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		
7	Boyer	00583-31	<i>Performance was driven by vehicles (77%) and equipment failure (13%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by a vehicle	Complete	Aug-14		
			Repair equipment failure	Complete	Jan-15		
			Circuit inspection	Complete	Jun-15		
8	East Pike	00095-13	<i>Performance was driven by equipment failure (58%) and line failure (33%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure	Complete	Jan-14		
			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		
			Targeted main line rehab	To be completed 2015	0%		
Circuit inspection	To be completed 2015	0%					

Penelec							
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	
9	Falls	00297-65	<i>Performance was driven by trees off ROW (60%) and equipment failure (34%).</i>				3Q 2014 4Q 2014 2Q 2015
			Repair damage caused by overload	Complete	Feb-14		
			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	Thompson	00436-65	<i>Performance was driven by trees off ROW (65%) and line failure (19%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Restore fuse operation of unknown cause	Complete	Jan-14		
			Repair damage caused by a vehicle	Complete	Jan-14		
			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		
			Full cycle tree trimming	To be completed 2015	70%		
11	Madera	00166-22	<i>Performance was driven by trees off ROW (63%), equipment failure (16%), and line failure (11%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 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		
			Porcelain cutout replacement	To be completed 2015	0%		
			Full cycle tree clearing	To be completed 2015	28%		
12	Wyalusing	00532-62	<i>Performance was driven by equipment failure (80%) and trees off ROW (19%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure during storm	Complete	Jul-14		
			Repair damage caused by trees	Complete	Dec-14		

Penelec						
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
13	Titusville	00387-51	<i>Performance was driven by trees off ROW (98%). 93% of the tree off ROW outages occurred at two locations on one day.</i>			
			Repair damage caused by trees during a storm	Complete	May-15	
14	Saxton	00625-73	<i>Performance was driven by trees off ROW (64%) and equipment failure (15%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair damage caused by trees	Complete	Oct-14	
			Repair equipment failure	Complete	Jun-15	
			Circuit inspection	To be completed 2015	0%	
15	Tionesta Jct Sw Sta	00498-51	<i>Performance was driven by trees off ROW (44%), equipment failure (34%), and recloser operation of unknown cause (22%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Install additional fault indicators	Complete	Jan-14	
			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	
			Porcelain cutout replacement	To be completed 2015	0%	
Full cycle tree trimming	To be completed 2015	70%				
16	Millcreek	00052-11	<i>Performance was driven by line failure (48%), trees off ROW (23%), and vehicles (15%).</i>			1Q 2015 2Q 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	
17	Tower 51	00051-11	<i>Performance was driven by trees off ROW (41%), equipment failure (34%), and animals (28%).</i>			
			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	

Penelec						
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
18	East Towanda	00525-62	<i>Performance was driven by line failure (50%) and equipment failure (42%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 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	To be completed 2015	0%	
19	East Pike	00096-13	<i>Performance was driven by lightning (63%) and vehicles (20%).</i>			
			Repair damage caused by lightning	Complete	Jun-15	
			Repair damage caused by vehicle accident	Complete	Jun-15	
			Circuit inspection	To be completed 2015	0%	
20	N Meshoppen Tran	00534-65	<i>Performance was driven by trees off ROW (76%), equipment failure (10%), and fuse operation of unknown cause (7%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure	Complete	Jan-14	
			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%	
21	McKean	00411-34	<i>Performance was driven by equipment failure (53%) and line failure (29%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by a tree	Complete	Mar-14	
			Repair equipment failure	Complete	Sep-14	
			Repair damage caused by animal contact	Complete	Oct-14	
			Repair line failure	Complete	Jan-15	
			Full cycle tree clearing	To be completed 2015	0%	

Penelec							
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	
22	Piney	00523-51	<i>Performance was driven by equipment failure (40%), animal contact (19%), trees off ROW (17%), and line failure (9%).</i>				1Q 2015 2Q 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		
			Porcelain cutout replacement	To be completed 2015	0%		
			Full cycle tree clearing	To be completed 2015	99%		
23	Meyersdale North	00022-12	<i>Performance was driven by line failure (55%) and trees off ROW (43%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair damage from animal contact	Complete	Mar-14		
			Repair damage caused by trees during a storm	Complete	Jul-14		
			Repair line failure during a storm	Complete	Feb-15		
24	Laceyville	00278-65	<i>Performance was driven by trees off ROW (91%). 90% of the outages occurred on one day.</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14		
25	Cooper	00069-11	<i>Performance was driven by trees off ROW (44%), line failure (41%), and wind (11%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 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		
26	Marienville	00328-51	<i>Performance was driven by trees off ROW (81%) and line failure (11%).</i>				4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by a tree	Complete	Apr-14		
			Full cycle tree trimming	Complete	Sep-14		
			Repair damage caused by trees	Complete	Oct-14		
			Repair damage caused by trees during a storm	Complete	Nov-14		
			Repair line failure	Complete	Apr-15		
			Circuit inspection	To be completed 2015	0%		

Penelec						
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
27	Laporte	00772-62	<i>Performance was driven by recloser operation of unknown cause (85%) and trees off ROW (15%).</i>			3Q 2014
			Restore recloser operation of unknown cause during storm	Complete	Jul-14	4Q 2014
			Repair damage caused by trees	Complete	Oct-14	1Q 2015 2Q 2015
28	DuBois	00137-23	<i>Performance was driven by equipment failure (36%), vehicles (19%), and recloser operation of unknown cause (15%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure	Complete	Mar-14	
			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	
			Repair equipment failure during a storm	Complete	Jun-15	
			Restore recloser operation of unknown cause	Complete	Jun-15	
			Circuit inspection	Complete	Jul-15	
			Porcelain cutout replacement	To be completed 2015	0%	
Full cycle tree trimming	To be completed 2015	0%				
29	Thompson	00442-65	<i>Performance was driven by trees off ROW (66%) and equipment failure (29%).</i>			3Q 2014 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	
30	Brookville	00125-23	<i>Performance was driven by trees off ROW (53%), lightning (16%), and equipment failure (13%).</i>			
			Repair damaged caused by trees	Complete	Aug-14	
			Repair damage caused by lightning	Complete	Jun-15	
			Repair equipment failure	Complete	Jun-15	
31	Salix	00070-11	<i>Performance was driven by recloser operation of unknown cause (43%) and equipment failure (38%).</i>			1Q 2015 2Q 2015
			Restore recloser operation of unknown cause during storm	Complete	Jul-14	
			Repair equipment failure	Complete	Feb-15	
			Replace underground exit	Complete	May-15	

Penelec						
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
32	Brookville West	00121-23	<i>Performance was driven by trees off ROW (59%) and vehicles (33%).</i>			4Q 2014 1Q 2015 2Q 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	
33	Meshoppen	00283-65	<i>Performance was driven by trees off ROW (67%) and line failure (21%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure	Complete	Jan-14	
			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	
34	Edgewood	00089-13	<i>Performance was driven by trees off ROW (42%), equipment failure (36%), and vehicles (21%).</i>			
			Repair equipment failure	Complete	Jul-14	
			Repair damage caused by a vehicle	Complete	Sep-14	
			Repair damage caused by trees during a storm	Complete	Jun-15	
			Circuit inspection	To be completed 2015	0%	
35	Timblin	00103-23	<i>Performance was driven by trees off ROW (86%) and equipment failure (9%).</i>			
			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	
36	Blairsville East	00081-13	<i>Performance was driven by equipment failure (51%), line failure (28%), and breaker operation of unknown cause (15%).</i>			
			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	
37	Dixonville East	00098-13	<i>Performance was driven by trees off ROW (58%), lightning (20%), and equipment failure (13%).</i>			
			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	

Penelec						
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
38	Timblin	00116-23	<i>Performance was driven trees off ROW (75%) and recloser operation of unknown cause (21%).</i>			3Q 2014 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	
39	Buffalo Road	00580-31	<i>Performance was driven by animal contact (71%) and breaker operation of unknown cause (18%).</i>			
			Restore breaker operation of unknown cause	Complete	Sep-14	
			Repair damage caused by animal contact	Complete	Jun-15	
40	McConnellstown	00099-82	<i>Performance was driven by breaker operation of unknown cause (50%), trees off ROW (34%), and line failure (9%).</i>			4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by vehicle accident	Complete	Mar-14	
			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	To be completed 2015	0%	
41	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>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Mar-14	
			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	To be completed 2015	0%	
42	Buffalo Road	00265-31	<i>Performance was driven by vehicle accident (78%) and equipment failure (19%).</i>			1Q 2015 2Q 2015
			Repair damage caused by vehicle accident	Complete	Jan-15	
			Repair equipment failure	Complete	Jan-15	
			Porcelain cutout replacement	To be completed 2015	0%	

Penelec							
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	
43	Birmingham	00168-22	<i>Performance was driven by line failure (28%), trees off ROW (26%), recloser operation of unknown cause (25%), and equipment failure (10%).</i>				1Q 2015 2Q 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		
			Porcelain cutout replacement	To be completed 2015	0%		
44	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		
45	East Hickory	00201-41	<i>Performance was driven by trees off ROW (90%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 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		
			Circuit inspection	To be completed 2015	0%		
46	Church	00427-34	<i>Performance was driven by vehicles (60%) and trees off ROW (35%).</i>				3Q 2014 2Q 2015
			Repair damage caused by vehicle accident	Complete	Jul-14		
			Repair damage caused by trees during a storm	Complete	Jun-15		
47	French Road	00223-31	<i>Performance was driven by equipment failure (49%) and trees off ROW (45%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure	Complete	Jan-14		
			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		

Penelec						
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
48	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	To be completed 2015	0%	
			Full cycle tree trimming	To be completed 2015	65%	
49	East Hickory	00200-41	<i>Performance was driven by trees off ROW (84%) and equipment failure (7%).</i>			
			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	To be completed 2015	0%	
50	N Meshoppen Tran	00437-65	<i>Performance was driven by trees off ROW (84%) and wind (6%).</i>			
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Restore fuse operation due to wind	Complete	Jul-14	

Penelec							
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	
51	Springboro	00237-52	<i>Performance was driven by equipment failure (48%), recloser operation of unknown cause (26%), and trees off ROW (16%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by trees during a storm	Complete	Mar-14		
			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%		
			Full cycle tree clearing	To be completed 2015	44%		
52	McVeytown	00112-81	<i>Performance was driven by trees off ROW (90%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair damage caused by a tree during a storm	Complete	Jul-14		
			Repair damage caused by trees	Complete	Aug-14		
53	Lake City	00429-34	<i>Performance was driven by trees off ROW (86%) and lightning (5%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair equipment failure during storm	Complete	Jan-14		
			Repair damage caused by lightning	Complete	Jul-14		
			Repair damage caused by a tree	Complete	Sep-14		
54	Bradford South	00106-42	<i>Performance was driven by trees off ROW (71%) and vehicles (25%).</i>				
			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	To be completed 2015	0%		
55	Utica Junction	00318-51	<i>Performance was driven by line failure (33%), lightning (24%), trees off ROW (21%), and equipment failure (18%).</i>				3Q 2014 2Q 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	To be completed 2015	0%		

Penelec						
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
56	Page Road	00445-43	<i>Performance was driven by equipment failure (70%), trees off ROW (7%), and vehicles (6%).</i>			3Q 2014 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	
57	Belleville	00124-81	<i>Performance was driven by vehicles (79%) and line failure (20%).</i>			1Q 2015 2Q 2015
			Repair line failure	Complete	Jan-15	
			Repair damage caused by a vehicle	Complete	Jan-15	
			Circuit inspection	Complete	Jun-15	
58	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	
59	Natl Forge Sw Sta	00577-41	<i>Performance was driven by trees off ROW (45%), equipment failure (40%), and lightning (7%).</i>			
			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	
60	Wellsboro	00324-63	<i>Performance was driven by trees off ROW (37%), equipment failure (36%), and line failure (24%).</i>			
			Repair line failure	Complete	Aug-14	
			Repair equipment failure	Complete	Jan-15	
			Repair damage caused by trees during a storm	Complete	May-15	

Penelec						
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
61	Shawville	00153-21	<i>Performance was driven by trees off ROW (52%), equipment failure (25%), and line failure (7%).</i>			3Q 2014 4Q 2014 2Q 2015
			Repair equipment failure during a storm	Complete	Mar-14	
			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%				
62	Green Garden	0224-31	<i>Performance was driven by animals (57%) and trees off ROW (24%).</i>			3Q 2014 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	
			Full cycle tree clearing	To be completed 2015	5%	
63	Lake Como	00788-65	<i>Performance was driven by trees off ROW (60%) and equipment failure (34%).</i>			
			Repair damage caused by trees during a storm	Complete	Jul-14	
			Repair equipment failure during a storm	Complete	Jul-14	
			Repair equipment failure	Complete	Apr-15	
	Union City	00208-43	<i>Performance was driven by damage from line failure (55%), equipment failure (22%), and animals (11%).</i>			3Q 2014 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>			3Q 2014 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>			3Q 2014 4Q 2014 1Q 2015
			Repair equipment failure	Complete	Mar-14	
			Repair line failure	Complete	Mar-14	
			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	

Penelec						
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
	French Road	00222-31	<i>Performance was driven by line failure (41%), vehicles (26%), animals (21%), and equipment failure (10%).</i>			3Q 2014 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	0%	
	Central City West	00029-12	<i>Performance was driven by line failure (88%).</i>			3Q 2014 4Q 2014 1Q 2015
			Restore recloser operation of unknown cause	Complete	Mar-14	
			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>			3Q 2014 4Q 2014 1Q 2015
			Repair line failure	Complete	Jan-14	
			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	To be completed 2015	0%	
			Full cycle tree trimming	To be completed 2015	12%	
	Two Mile	00127-42	<i>Performance was driven by equipment failure (54%) and human error (30%).</i>			3Q 2014 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	To be completed 2015	0%	
	N Meshoppen Tran	00531-65	<i>Performance was driven by trees off ROW (99%).</i>			3Q 2014 4Q 2014 1Q 2015
			Repair damage caused by trees during a storm	Complete	Jul-14	

Penelec						
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
	Glen Campbell	00680-21	<i>Performance was driven by trees off ROW (55%), equipment failure (24%), and lightning (17%).</i>			3Q 2014 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	To be completed 2015	0%	
	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>			3Q 2014 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>			3Q 2014 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	
	Philipsburg	00967-22	<i>Performance was driven by non-company object contacting line (97%).</i>			4Q 2014 1Q 2015
			Repair damage caused by building collapse contacting line	Complete	Aug-14	
	Blairsville East	00082-13	<i>Performance was driven by line failure (71%) and trees off ROW (26%).</i>			4Q 2014 1Q 2015
			Repair damage caused by trees during a storm	Complete	Apr-14	
			Repair line failure	Complete	Jul-14	
			Circuit inspection	To be completed 2015	0%	
			Full cycle tree trimming	To be completed 2015	0%	

Penelec						
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
	Bradford North	00103-42	<i>Performance was driven by human error non-company (50%) and an unknown fuse operation (36%).</i>			4Q 2014 1Q 2015
			Repair damage due to human error - (customer brought tree down)	Complete	May-14	
			Restore fuse after operation from unknown cause	Complete	Nov-14	
	Logan	00701-81	<i>Performance was driven by vehicles (69%) and equipment failure (16%).</i>			3Q 2014 4Q 2014 1Q 2015
			Repair equipment failure	Complete	Feb-14	
			Repair damage caused by a vehicle	Complete	May-14	
			Full cycle tree trimming	Complete	Jul-14	
	Powell Ave	00237-31	<i>Performance was driven by trees off ROW (55%), recloser operation of unknown cause (20%), and line failure (17%).</i>			3Q 2014 4Q 2014
			Restore recloser operation of unknown cause	Complete	Mar-14	
			Repair damage caused by trees during a storm	Complete	Jun-14	
			Repair line failure	Complete	Aug-14	
			Full cycle tree trimming	To be completed 2015	0%	
	Snakespring	00628-73	<i>Performance was driven by equipment failure (64%) and trees off ROW (21%).</i>			3Q 2014 4Q 2014
			Repair damage caused by trees during a storm	Complete	Jan-14	
			Repair equipment failure	Complete	Mar-14	
			Repair equipment failure	Complete	Jun-14	
			Repair line failure	Complete	Dec-14	
	Tiffany	00435-65	<i>Performance was driven by an unknown lockout (37%), line failure (31%), and non-company human error (24%).</i>			3Q 2014 4Q 2014
			Restore unknown lockout	Complete	Jan-14	
			Repair line failure	Complete	Mar-14	
			Repair line damage from non-company human error	Complete	Apr-14	

Penelec						
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
	Carlisle Pike	00643-83	<i>Performance was driven by equipment failure (32%), recloser operation of unknown cause (30%), animals (20%), and lightning (16%).</i>			3Q 2014 4Q 2014
			Repair equipment failure	Complete	Mar-14	
			Restore circuit breaker following animal contact	Complete	May-14	
			Repair damage caused by lightning	Complete	May-14	
			Restore recloser operation of unknown cause	Complete	Jun-14	
	Starruca	00744-65	<i>Performance was driven by a vehicles (88%).</i>			3Q 2014 4Q 2014
			Repair damage caused by a vehicle	Complete	Mar-14	
	Curryville	00644-71	<i>Performance was driven by equipment failure (30%), line failure (30%), vehicles (18%), and trees off ROW (14%).</i>			3Q 2014 4Q 2014
			Repair damage due to vehicle accident	Complete	Feb-14	
			Repair equipment failure during storm	Complete	Mar-14	
			Repair line failure	Complete	Jun-14	
			Repair damage caused by trees	Complete	Jul-14	
			Repair line failure	Complete	Nov-14	
			Repair line failure	Complete	Dec-14	
			Circuit inspection	To be completed 2015	0%	
			Full cycle tree trimming	To be completed 2015	0%	
	Athens	00514-61	<i>Performance was driven by equipment failure (34%), lightning (32%), and vehicles (21%).</i>			3Q 2014 4Q 2014
			Repair damage caused by a vehicle	Complete	Jan-14	
			Repair equipment failure	Complete	Mar-14	
			Repair damage caused by lightning	Complete	Jun-14	
			Circuit inspection	To be completed 2015	0%	
	Lowell Avenue	00518-31	<i>Performance was driven by equipment failure (61%), vehicles (13%), and trees off ROW (11%).</i>			
			Repair equipment failure	Complete	Mar-14	
			Repair damage caused by trees during a storm	Complete	Apr-14	
			Repair damage caused by vehicle accident	Complete	Oct-14	
			Full cycle tree trimming	To be completed 2015	0%	
	Huntingdon	00189-82	<i>Performance was driven by equipment failure (99%).</i>			
			Repair equipment failure	Complete	Mar-14	
			Circuit inspection	To be completed 2015	0%	

Met-Ed							
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	
1	North Bangor	00826-3	<i>Performance was driven by damage from a single snow storm (80%) and equipment failure (10%).</i>				4Q 2014 1Q 2015 2Q 2015
			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	To be completed 2015	50%		
			Correct fuse coordination	To be completed 2015	50%		
			Perform circuit protection study	To be completed 2015	0%		
2	Fox Hill	00816-3	<i>Performance was driven by trees off ROW (44%), equipment failure (23%), and ice (10%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Replace crossarms identified during circuit assessment	Complete	Jan-14		
			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		
			Add Supervisory Control and Data Acquisition (SCADA) control to recloser	To be completed 2015	60%		
			Install additional Supervisory Control and Data Acquisition (SCADA) switch	To be completed 2015	60%		
			Replace fault indicators	To be completed 2015	50%		
			Install additional Supervisory Control and Data Acquisition (SCADA) switch	To be completed 2015	0%		

Met-Ed							
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	
3	Shawnee	00895-3	<i>Performance was driven by trees off ROW (62%), forced outages (17%), and equipment failure (7%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			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	To be completed 2015	0%		
4	Birdsboro	00756-1	<i>Performance was driven by trees off ROW (69%), equipment failures (18%), and trees on ROW (6%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Install additional main line recloser	Complete	Jan-14		
			Install additional main line fault indicators	Complete	Jan-14		
			Perform accelerated backbone and three phase assessment	Complete	Mar-14		
			Comprehensive tree trimming	Complete	Apr-14		
			Main line arrester repairs from 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		
Install remote operated main line switches	To be completed 2015	40%					
Proactive every-other-month main line forestry inspection	To be completed 2015	0%					

Met-Ed							
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	
5	Birchwood	00623-3	<i>Performance was driven by damage from a single snow storm (74%).</i>				4Q 2014 1Q 2015 2Q 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		
6	S. Nazareth	00809-3	<i>Performance was driven by vehicles (49%), equipment failure (29%), and trees off ROW (14%).</i>				4Q 2014 1Q 2015 2Q 2015
			Perform wood pole inspection	Complete	Mar-14		
			Replace main line crossarm from assessment	Complete	Jun-14		
			Replace poles identified during wood pole inspection	Complete	Jun-14		
			Install additional Supervisory Control and Data Acquisition (SCADA) 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	North Cornwall	00610-2	<i>Performance was driven by trees off ROW (65%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Mid-cycle backbone and three phase forestry inspection	Complete	Oct-14		
			Replace switch	Complete	Apr-15		
			Install additional main line recloser	Complete	Apr-15		
			Install additional fault indicators	Complete	Jun-15		
			Overhead circuit inspection	To be completed 2015	50%		
8	Birchwood	00622-3	<i>Performance was driven by trees off ROW (73%) and equipment failure (23%).</i>				4Q 2014 1Q 2015 2Q 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		
9	Straban	00676-4	<i>Performance was driven by trees off ROW (57%) and vehicles (31%). 56% of the trees off ROW outages were the result of a storm that occurred on June 12, 2015.</i>				
			Overhead circuit inspection	To be completed 2015	50%		

Met-Ed							
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	
10	Allen	00502-4	<i>Performance was driven by trees off ROW (45%), line failures (35%), and vehicles (6%). 27% of the trees off ROW outages were the result of a storm that occurred on July 27, 2014.</i>				4Q 2014 1Q 2015 2Q 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		
11	Snydersville	00621-3	<i>Performance was driven by trees off ROW (77%) and equipment failure (11%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Comprehensive tree trimming	Complete	Nov-14		
			Replace recloser	Complete	Feb-15		
			Install fault indicators	Complete	Mar-15		
12	Bern Church	00789-1	<i>Performance was driven by equipment problems (32%), vehicles (28%), and trees off ROW (14%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair main line ridge pins from assessment	Complete	Mar-14		
			Complete engineering for substation relay upgrade	Complete	Mar-14		
			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 fault indicators	To be completed 2015	0%		
13	Swatara Hill	00763-2	<i>Performance was driven by a cutout problem (41%) and trees off ROW (27%). 80% of the outages occurred in three days.</i>				
			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		

Met-Ed						
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
14	Annville	00741-2	<i>Performance was driven by trees off ROW (54%) and line failures (29%).</i>			
			Mid-cycle backbone forestry inspection	Complete	Aug-14	
			Repair line failure	Complete	Oct-14	
			Cycle tree trimming	To be completed 2015	15%	
15	Mountain	00744-4	<i>Performance was driven by trees off ROW (63%), equipment failures (17%), and vehicles (15%). 37% of the trees off ROW outages were a result of storms that occurred on 3/15/15 and 6/20/15.</i>			3Q 2014 1Q 2015 2Q 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	
16	Newberry	00586-4	<i>Performance was driven by trees off ROW (38%) and vehicles (28%).</i>			4Q 2014 1Q 2015 2Q 2015
			Comprehensive circuit assessment	Complete	Oct-14	
			Cycle tree trimming	Complete	Dec-14	
			Replace/repair high priority items identified during circuit patrol	Complete	Feb-15	
			Mid-cycle backbone and three phase forestry inspection	Complete	Apr-15	
			Targeted tree trimming to improve reliability	Complete	Jun-15	
17	South Lebanon	00780-2	<i>Performance was driven by trees off ROW (52%) and vehicles (14%).</i>			3Q 2014 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	75%	

Met-Ed						
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
18	Annville	00743-2	<i>Performance was driven by a cutout problem (47%), equipment failure (27%), and trees off ROW (10%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Replace crossarm	Complete	Jan-14	
			Replace crossarm	Complete	Jan-14	
			Replace pole	Complete	Jan-14	
			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	50%	
Comprehensive tree trimming	To be completed 2015	5%				
19	North Bangor	00813-3	<i>Performance was driven by trees off ROW (36%) and vehicles (34%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Mid-cycle backbone and three phase forestry inspection	Complete	Sep-14	
			Forestry Zone 1 aerial patrol	Complete	Jul-15	
			Cycle tree trimming	To be completed 2015	98%	
20	Swatara Hill	00764-2	<i>Performance was driven by vehicles (70%).</i>			4Q 2014 1Q 2015 2Q 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				
21	Shawnee	00860-3	<i>Performance was driven by trees off ROW (76%).</i>			1Q 2015 2Q 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	
			Install additional Supervisory Control and Data Acquisition (SCADA) controlled switch	To be completed 2015	75%	
Replace poles identified during wood pole inspection	To be completed 2015	50%				

Met-Ed						
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
22	Carsonia	00764-1	<i>Performance was driven by line failure (39%) and vehicles (29%).</i>			4Q 2014 1Q 2015 2Q 2015
			Comprehensive tree trimming	Complete	Jan-14	
			Comprehensive circuit assessment	Complete	Sep-14	
			Replace main line arrester from assessment	Complete	Mar-15	
			Replace porcelain cutouts on circuit backbone with polymer cutouts	To be completed 2015	50%	
23	Mountain	00740-4	<i>Performance was driven by equipment failures (40%), line failures (38%), animals (12%), and vehicles (5%). 75% of the outages occurred on two days.</i>			4Q 2014 1Q 2015 2Q 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	
24	Shawnee	00899-3	<i>Performance was driven by trees off ROW (58%), equipment failure (10%), and forced outages (9%).</i>			
			Forestry Zone 1 aerial patrol	Complete	Jul-15	
			Perform wood pole inspection	Complete	Jul-15	
			Replace fault indicators	To be completed 2015	0%	
			Replace crossarm	To be completed 2015	50%	
			Correct fuse coordination	To be completed 2015	50%	
25	Dillsburg	00749-4	<i>Performance was driven by lightning (42%), trees off ROW (32%), and vehicles (10%). 37% of the outages occurred on one day.</i>			
			Cycle tree trimming	Complete	Oct-14	

Met-Ed						
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
26	Birdsboro	00757-1	<i>Performance was driven by line failure (30%), equipment failure (21%), and trees off ROW (21%).</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Main line crossarm repairs from comprehensive circuit patrol	Complete	Mar-14	
			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	
			Targeted tree trimming to improve reliability	To be completed 2015	0%	
Proactive every-other-month main line forestry inspection	To be completed 2015	0%				
27	Bairs	00571-4	<i>Performance was driven by equipment failures (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	
			Targeted tree trimming to improve reliability	To be completed 2015	25%	
Retire and replace failed fault circuit indicators	To be completed 2015	0%				

Met-Ed						
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	North Lebanon	00712-2	<i>Performance was driven by trees off ROW (31%), equipment failure (24%), and vehicles (17%).</i>			
			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	
29	Saylorsburg	00114-3	<i>Performance was driven by trees off ROW (73%) and equipment failure (24%).</i>			
			Forestry to trim circuit	Complete	Dec-14	
30	Bath	00873-3	<i>Performance was driven by vehicles (55%) and birds (17%).</i>			4Q 2014 1Q 2015 2Q 2015
			Forestry to perform on cycle comprehensive circuit tree trimming	Complete	May-14	
			Comprehensive circuit assessment	Complete	Jan-15	
			Replace porcelain cutouts on circuit backbone with polymer cutouts	To be completed 2015	50%	
			Replace items identified during circuit assessment	To be completed 2015	50%	
31	Flying Hills	00776-1	<i>Performance was driven by trees off ROW (42%), equipment failure (21%), and an underground line failure (16%).</i>			
			Mid-cycle backbone and three phase forestry inspection	Complete	Mar-14	
			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%	
			Forestry to trim circuit	To be completed 2015	0%	

Met-Ed							
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	
32	Newberry	00576-4	<i>Performance was driven by trees off ROW (42%), equipment failures (33%), and trees on ROW (15%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Comprehensive circuit assessment	Complete	Jan-14		
			Perform accelerated backbone, three phase, and single phase circuit assessment	Complete	Jan-14		
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Mar-14		
			Tree trimming identified during off cycle circuit tree patrol	Complete	Mar-14		
			Comprehensive tree trimming	Complete	Oct-14		
			Replace/repair high priority items identified during circuit patrol	Complete	Nov-14		
			Replace/repair high priority items identified during circuit patrol	Complete	Apr-15		
			Mid-cycle backbone and three phase forestry inspection	Complete	May-15		
			Targeted tree trimming to improve reliability	Complete	Jun-15		
Replace porcelain cutouts on circuit backbone with polymer cutouts	To be completed 2015	50%					
33	Marshalls Creek	00128-3	<i>Performance was driven by damage from a storm that occurred on 7/2/14 (79%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Engineering to perform circuit protection review	Complete	Dec-14		
34	Leesport	00811-1	<i>Performance was driven by equipment failures (44%), trees off ROW (19%), and trees on ROW (18%).</i>				3Q 2014 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%		
Repair main line pole top from assessment	To be completed 2015	0%					

Met-Ed							
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	
35	Lickdale	00626-2	<i>Performance was driven by equipment failure (49%), trees on ROW (22%), and trees off ROW (10%).</i>				
			Cycle tree trimming	Complete	Mar-14		
			Replace underground exit	Complete	Aug-14		
			Replace switch	Complete	Jan-15		
			Repair line failure	Complete	Jun-15		
			Circuit inspection	To be completed 2015	50%		
36	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	To be completed 2015	50%		
			Comprehensive circuit assessment	To be completed 2015	0%		
37	3 rd 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	To be completed 2015	50%		
38	Annville	00742-2	<i>Performance was driven by one storm related outage (81%).</i>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Repair/replace anchor guy	Complete	Jan-14		
			Repair/replace split pole top	Complete	Jan-14		
			Replace lightning arresters at four locations	Complete	May-14		
			Comprehensive tree trimming	To be completed 2015	5%		
	Allen	00503-4	<i>Performance was driven by line/equipment failures (87%) and trees off ROW (10%). 49% of the total interruption minutes accrued July 5, 2014 during emergency restoration switching.</i>				3Q 2014 1Q 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 fault circuit indicators five locations	Complete	Nov-14		
			Comprehensive tree trimming	Complete	May-15		

Met-Ed						
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
	Barto	00705-1	<i>Performance was driven by trees off ROW (44%) and trees on ROW (31%).</i>			3Q 2014 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 switch arrester from assessment	To be completed 2015	25%	
			Replace crossarm braces from assessment	To be completed 2015	25%	
	Bernville	00786-1	<i>Performance was driven by equipment failures (58%) and line failures (13%).</i>			3Q 2014 4Q 2014 1Q 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	
			Install additional main line disconnects	To be completed 2015	50%	
	Birchwood	00624-3	<i>Performance was driven by vehicles (34%), equipment failure (24%), trees off ROW (18%), and line failure (12%).</i>			3Q 2014 4Q 2014 1Q 2015
			Replace switch	Complete	Feb-14	
			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	To be completed 2015	50%	
	Replace porcelain cutouts on circuit backbone	To be completed 2015	65%			

Met-Ed						
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
	Hill	00737-4	<i>Performance was driven by vehicles (64%).</i>			3Q 2014 4Q 2014
			Forestry to perform off cycle, comprehensive circuit tree patrol	Complete	Mar-14	
			Tree trimming identified during off cycle circuit tree patrol	Complete	Apr-14	
			Provide additional tie capacity on the circuit	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	To be completed 2015	75%	
			Install radio control devices on the circuit	To be completed 2015	75%	
	Moselem	00782-1	<i>Performance was driven by equipment failure (69%) and vehicles (21%).</i>			3Q 2014 4Q 2014 1Q 2015
			Complete engineering circuit configuration review	Complete	Oct-14	
			Comprehensive tree trimming	To be completed 2015	0%	
			Comprehensive circuit assessment	To be completed 2015	0%	
	Shawnee	00837-3	<i>Performance was driven by trees off ROW (68%).</i>			3Q 2014 4Q 2014
			Replace sectionalizer with Supervisory Control and Data Acquisition (SCADA) Motor Operated Air Break (MOAB) switch	Complete	Apr-14	
			Mid-cycle backbone and three phase forestry inspection	Complete	Sep-14	
			Perform wood pole inspection	Complete	Mar-15	
			Comprehensive tree trimming	Complete	Apr-15	
	Taxville	00575-4	<i>Performance was driven by equipment failure (72%).</i>			3Q 2014 4Q 2014
			Comprehensive circuit assessment	Complete	Apr-15	
	Barto	00706-1	<i>Performance was driven by trees off ROW (63%) and vehicles (20%).</i>			3Q 2014 4Q 2014
			Complete engineering circuit configuration review	Complete	Sep-14	
			Replace main line crossarm from assessment	Complete	Mar-15	
			Upgrade main line reclosers	To be completed 2015	50%	
			Comprehensive circuit assessment	To be completed 2015	50%	

Met-Ed						
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
	Shawnee	00822-3	<i>Performance was driven by damage from a single snow storm (86%).</i>			3Q 2014 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	To be completed 2015	55%	
	Glendon	00818-3	<i>Performance was driven by vehicles (65%).</i>			
			Comprehensive circuit assessment	Complete	Jan-15	
			Reconductor six spans of main line	To be completed 2015	60%	
	Third Street	00178-1	<i>Performance was driven by equipment failures (92%).</i>			
			Install main line fault indicators	Complete	Jan-14	
			Spot main line inspection	Complete	Jan-15	
			Substation transformer cable replacement	To be completed 2015	0%	
			Complete load reduction project	To be completed 2015	50%	
	Lyons	00729-1	<i>Performance was driven by trees off ROW (47%), equipment failures (16%), line failures (14%), and trees on ROW (10%).</i>			
			Spot forestry inspection	Complete	Jan-14	
			Proactive main line forestry patrol	Complete	May-15	
	South Hamburg	00745-1	<i>Performance was driven by a line failure outage (59%) and animals (39%).</i>			
			Install animal protection at tie switch	Complete	Feb-14	
			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%	
	Birdsboro	00760-1	<i>Performance was driven by equipment failures (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	To be completed 2015	50%	

Met-Ed						
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
	Tolna	00792-4	<i>Performance was driven by vehicles (91%).</i>			
			Perform accelerated circuit reliability assessment of three phase	Complete	Feb-14	
			Comprehensive circuit assessment	Complete	Mar-14	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	Sep-14	
			Repair critical item from circuit assessment	Complete	Oct-14	
			Comprehensive tree trimming	To be completed 2015	36%	
	Tolna	00793-4	<i>Performance was driven by lightning (44%) and trees off ROW (28%).</i>			
			Comprehensive circuit assessment	Complete	Feb-14	
			Replace/repair high priority item identified during circuit patrol	Complete	Mar-14	
			Forestry to perform off cycle comprehensive circuit tree patrol	Complete	May-14	
			Tree trimming identified during off cycle circuit tree patrol	Complete	May-14	
			Comprehensive tree trimming	To be completed 2015	0%	
	Windsor	00797-4	<i>Performance was driven by line failure (49%) and equipment failure (38%).</i>			
			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	To be completed 2015	67%	
			Install additional fault indicators	To be completed 2015	50%	
			Install additional fuses	To be completed 2015	0%	
			Replace pole identified during the circuit pole inspection	To be completed 2015	50%	
	Flying Hills	00777-1	<i>Performance was driven by trees on ROW (27%), line failures (26%), and trees off ROW (19%).</i>			
			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	

West Penn Power						
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Progress of Remedial Work or Date Completed	Appeared in 2 of 4 Quarters
1	Cecil	Bishop	<i>Performance was driven by trees off ROW (77%). 68% of the outages occurred on one day.</i>			3Q 2014 4Q 2014 2Q 2015
			No remedial actions are planned at this time			
2	Galley	Waterdam	<i>Performance was driven by line failure (47%) and trees off ROW (43%). 66% of the outages occurred on two days.</i>			3Q 2014 4Q 2014 2Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
3	Kiski Valley Distrib	Kittanning Rd	<i>Performance was driven by equipment failure (56%) and trees off ROW (39%). 87% of the outages occurred on three days.</i>			3Q 2014 4Q 2014 2Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Feb-15	
4	Vandergrift	Grifflo Park	<i>Performance was driven by trees on ROW (38%) and trees off ROW (37%). 75% of the outages occurred on two consecutive days.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	May-15	
5	Shaffers Corner	Seventh St Rd	<i>Performance was driven by trees off ROW (81%). 73% of the outages occurred on three days.</i>			
			Cycle tree trimming	Complete	Dec-14	
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jan-15	
6	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
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
7	Weedville	Weedville	<i>Performance was driven by trees off ROW (84%). 82% of the outages occurred on two days.</i>			
			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	
8	Gordon	Wolfdale	<i>Performance was driven by trees off ROW (82%). 79% of the outages occurred on one day.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-15	

West Penn Power						
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Progress of Remedial Work or Date Completed	Appeared in 2 of 4 Quarters
9	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	
10	Smith	Francis Mine	<i>Performance was driven by trees off ROW (87%). 87% of the outages occurred on three days.</i>			3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Zone 1 circuit patrol. No hardware issues found. Three trees found and remediated.	Complete	May-14	
11	Westraver	Pittsburgh Coal	<i>Performance was driven by line failure (36%), trees off ROW (23%), and forced outages (22%). 65% of the outages occurred on three days.</i>			
			Cycle tree trimming	To be completed 2015	10%	
12	Lake Lynn-Union	Fancy Hill	<i>Performance was driven by trees off ROW (50%), vehicles (16%), and forced outages (13%). 18% of the outages occurred on one day.</i>			1Q 2015 2Q 2015
			Cycle tree trimming	To be completed 2015	0%	
13	Gordon	Tyler	<i>Performance was driven by equipment failure (36%), trees on ROW (28%), and vehicles (19%). 87% of the outages occurred on three days.</i>			1Q 2015 2Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
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	
15	North Fayette	Oakdale	<i>Performance was driven by vehicles (65%) and equipment failure (25%). 86% 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	Mar-15	
16	Butler	Center Ave	<i>Performance was driven by trees on ROW (49%) and trees off ROW (22%). 57% of the outages occurred on one day. Four smaller causes accounted for the rest.</i>			4Q 2014 1Q 2015 2Q 2015
			Cycle tree trimming	Complete	Dec-14	
17	Charleroi	Warner	<i>Performance was driven by trees off ROW (89%). 88% of the outages occurred on two days.</i>			4Q 2014 1Q 2015 2Q 2015
			Cycle tree trimming	Complete	Dec-14	

West Penn Power							
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Progress of Remedial Work or Date Completed	Appeared in 2 of 4 Quarters	
18	Shaffers Corner	Braeburn	<i>Performance was driven by trees off ROW (96%). 81% of the outages occurred on two days.</i>				
			Zone 1 circuit patrol. No hardware issues found. Eight trees found and remediated.	Complete	Mar-15		
19	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>				3Q 2014 4Q 2014 1Q 2015 2Q 2015
			Zone 1 circuit patrol. No hardware issues found. Five trees found and remediated.	Complete	May-14		
			Cycle tree trimming	To be completed 2015	1%		
20	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>				3Q 2014 2Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-15		
21	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		
22	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%		
23	Cecil	Southpointe	<i>Performance was driven by line failure (58%) and trees off ROW (41%). 99% of the outages occurred on three days.</i>				
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-15		
24	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%		

West Penn Power						
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Progress of Remedial Work or Date Completed	Appeared in 2 of 4 Quarters
25	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
			Cycle tree trimming	To be completed 2015	0%	
26	Superior	Culmerville	<i>Performance was driven by equipment failure (61%) and trees off ROW (31%). 81% of the outages occurred on one day.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
27	Westraver	Fellsburg	<i>Performance was driven by line failure (80%) and trees on ROW (14%). 80% of the outages occurred on one day.</i>			1Q 2015 2Q 2015
			Cycle tree trimming	To be completed 2015	72%	
28	Cecil	Muse	<i>Performance was driven by trees off ROW (89%). 73% of the outages occurred on one day.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-15	
29	Cecil	Hendersonville	<i>Performance was driven by trees off ROW (65%) and equipment failure (27%). 81% 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	Mar-15	
30	Bethel Park	Dashwood	<i>Performance was driven by trees off ROW (82%). 61% of the outages occurred on two days.</i>			3Q 2014 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	
31	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	
32	New Bethlehem	Hawthorn	<i>Performance was driven by trees on ROW (48%) and line failure (41%). 82% of the outages occurred on two days.</i>			
			Zone 1 circuit patrol. No hardware issues found. Six trees remediated.	Complete	Apr-15	

West Penn Power							
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Progress of Remedial Work or Date Completed	Appeared in 2 of 4 Quarters	
33	Smithton	Fitzhenry	<i>Performance was driven by vehicle (67%) and equipment failure (25%). 84% of the outages occurred on two days.</i>				
			Cycle tree trimming	Complete	Dec-14		
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jan-15		
34	Piney Fork	Cochran Mill	<i>Performance was driven by equipment failure (45%), line failure (23%), and trees off ROW (20%). 88% of the outages occurred on two days.</i>				1Q 2015 2Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Feb-15		
35	Hickory	Hickory	<i>Performance was driven by line failure (38%), trees off ROW (30%), and forced outages (13%). 58% of the outages occurred on two days.</i>				
			No remedial actions are planned at this time				
36	South Fayette 138	Abele	<i>Performance was driven by equipment failure (54%) and line failure (26%). 78% of the outages occurred on two days.</i>				
			Cycle tree trimming	To be completed 2015	0%		
37	Harwick	Hamar	<i>Performance was driven by vehicles (30%), line failure (30%), and trees off ROW (26%). 84% of the outages occurred on three days.</i>				
			Cycle tree trimming	Complete	Dec-14		
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jan-15		
38	Murrycrest	Sardis Road	<i>Performance was driven by trees off ROW (57%) and lightning (27%). 67% of the outages occurred on two days.</i>				3Q 2014 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 issues found. Twenty-two trees found and remediated.	Complete	Mar-15		
39	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%		

West Penn Power						
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Progress of Remedial Work or Date Completed	Appeared in 2 of 4 Quarters
40	Crossgates	Peters Twp	<i>Performance was driven by trees off ROW (87%). 85% of the outages occurred on one day.</i>			4Q 2014
			Zone 1 circuit patrol	Complete	Jun-14	1Q 2015
			Cycle tree trimming	To be completed 2015	30%	2Q 2015
	Loyalhanna	Center Drive	<i>Performance was driven by trees off ROW (65%) and lightning (16%). 91% of the outages occurred on three days.</i>			3Q 2014 4Q 2014 1Q 2015
			Repair circuit patrol hardware issues found	Complete	Feb-14	
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	May-14	
			Cycle tree trimming	To be completed 2015	0%	
	Emporium	West Creek	<i>Performance was driven by equipment failure (66%) and trees off ROW (26%). 84% of the outages occurred on one day.</i>			4Q 2014 1Q 2015
			Cycle tree trimming	To be completed 2015	0%	
	McConnellsburg	Harrisonville	<i>Performance was driven by forced outages (35%), line failure (32%), and equipment failure (15%). 48% of the outages occurred on one day.</i>			3Q 2014 4Q 2014
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jun-14	
			Zone 1 hardware and forestry patrol. No hardware issues found. One tree found and remediated.	Complete	Apr-15	
	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%	
	Ethel Springs	New Derry	<i>Performance was driven by unknown (82%) and trees off ROW (16%). 73% of the outages occurred on one day.</i>			3Q 2014 1Q 2015
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Jan-15	
	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	

West Penn Power						
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Progress of Remedial Work or Date Completed	Appeared in 2 of 4 Quarters
	California	Malden	<i>Performance was driven by equipment failure (47%) and trees off ROW (33%). 59% of the outages occurred on two days.</i>			3Q 2014 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	
	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>			
			Cycle tree trimming	To be completed 2015	0%	
	Penn	Arlington	<i>Performance was driven by vehicles (87%). 87% of the outages occurred on one day.</i>			
			Zone 1 circuit patrol. No hardware or tree issues found.	Complete	Mar-15	
	Fawn	Natrona	<i>Performance was driven by equipment failure (72%) and unknowns (11%). 66% of the outages occurred on one day.</i>			
			Zone 1 circuit patrol. No hardware issues found. Four trees found and remediated.	Complete	Apr-15	
	Franklin	South Waynesburg	<i>Performance was driven by unknowns (40%), forced outages (18%), and trees off ROW (17%). 72% of the outages occurred on three days.</i>			
			Zone 1 circuit patrol. No hardware issues found. Four trees found and remediated.	Complete	Jun-15	
	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%	
	Vanceville	Vanceville	<i>Performance was driven by vehicles (47%) and forced outages (28%). 57% of the outages occurred on one day.</i>			
			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	

ATTACHMENT C

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

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				
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

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.

Penn Power – 2015 Third Party Line Hit Incidents YTD June 2015¹²			
Cause of Line Hit	Number of Incidents	Invoice Amount	Recovery Amount
Dig In - Other	0	\$0	\$0
Excavated in Tolerance	2	\$1,539	\$1,087
Excavation Inconsistent with Ticket Scope	0	\$0	\$0
Excavation Prior to Lawful Start Date	0	\$0	\$0
Expired Ticket	0	\$0	\$0
Hand Digging	0	\$0	\$0
Marked Improperly	1	\$1,068	\$1,068
No Ticket	5	\$9,967	\$5,925
Total	8	\$12,574	\$8,080

Penelec – 2015 Third Party Line Hit Incidents YTD June 2015¹²			
Cause of Line Hit	Number of Incidents	Invoice Amount	Recovery Amount
Dig In - Other	0	\$0	\$0
Excavated in Tolerance	9	\$15,516	\$2,747
Excavation Inconsistent with Ticket Scope	0	\$0	\$0
Excavation Prior to Lawful Start Date	1	\$697	\$697
Expired Ticket	0	\$0	\$0
Hand Digging	0	\$0	\$0
Marked Improperly	3	\$3,041	\$2,171
No Ticket	6	\$4,388	\$1,304
Total	19	\$23,643	\$6,919

¹² Representative of claims identified since February 16, 2015, which corresponds with the implementation of the new CS-Stars Enterprise Claims Management Platform (STARS)

Met-Ed – 2015 Third Party Line Hit Incidents YTD June 2015¹²			
Cause of Line Hit	Number of Incidents	Invoice Amount	Recovery Amount
Dig In - Other	6	\$812	\$812
Excavated in Tolerance	2	\$3,005	\$0
Excavation Inconsistent with Ticket Scope	0	\$0	\$0
Excavation Prior to Lawful Start Date	1	\$2,551	\$0
Expired Ticket	2	\$1,941	\$1,811
Hand Digging	0	\$0	\$0
Marked Improperly	1	\$0	\$0
No Ticket	1	\$0	\$0
Total	13	\$8,310	\$2,623

West Penn Power – 2015 Third Party Line Hit Incidents YTD June 2015¹²			
Cause of Line Hit	Number of Incidents	Invoice Amount	Recovery Amount
Dig In - Other	4	\$14,967	\$0
Excavated in Tolerance	1	\$3,023	\$2,900
Excavation Inconsistent with Ticket Scope	0	\$0	\$0
Excavation Prior to Lawful Start Date	1	\$254	\$0
Expired Ticket	1	\$748	\$0
Hand Digging	2	\$0	\$0
Marked Improperly	0	\$0	\$0
No Ticket	10	\$18,565	\$3,290
Total	19	\$37,557	\$6,190

Cause of Line Hit	Definition
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

¹² 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 2nd Quarter 2015 Reliability Report – :
Metropolitan Edison Company, :
Pennsylvania Electric Company :
Pennsylvania Power Company and West :
Penn Power Company – Public Version :**

CERTIFICATE OF SERVICE

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

Service by first class mail, as follows:

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

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

David Dulick
Pennsylvania Rural Electric Association
212 Locust Street, 2nd Floor
Harrisburg, PA 17101

Tanya McCloskey
Office of Consumer Advocate
555 Walnut Street – 5th Floor
Harrisburg, PA 17101-1923

Scott Rubin
Utility Workers Union of America
333 Oak Lane
Bloomsburg, PA 17815-2036

Dated: August 3, 2015



Tori L. Giesler
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Counsel for Metropolitan Edison Company,
Pennsylvania Electric Company,
Pennsylvania Power Company and
West Penn Power Company

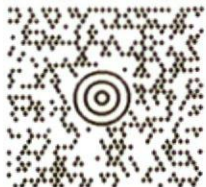
MAIL ROOM
(610) 921-6633
AE-1440
2800 POTTSVILLE PIKE
READING PA 19605-2459

LTR

1 OF 1

SHIP TO:

ROSEMARY CHIAVETTA, SECRETARY
PA PUBLIC UTILITY COMMISSION
2ND FLOOR
COMMONWEALTH KEYSTONE BUILDING
400 NORTH STREET
HARRISBURG PA 17120-0079



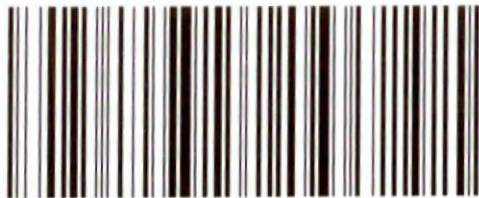
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