

November 1, 2013

RECEIVED**VIA UNITED PARCEL SERVICE**Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120

NOV -1 2013

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**Re: Joint 3rd Quarter 2013 Reliability Report – Metropolitan Edison Company,
Pennsylvania Electric Company and Pennsylvania Power Company – Public
Version**

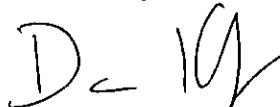
Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 57.195(d) and (e), enclosed for filing on behalf of Metropolitan Edison Company, Pennsylvania Electric Company and Pennsylvania Power Company (collectively, the "Companies") are two copies of the Joint 3rd Quarter 2013 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,

David J. Karafa
President, Pennsylvania Operations

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)

PennPower
A FirstEnergy Company

Penelec
A FirstEnergy Company

Met-Ed
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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU



Joint 2013 3rd Quarter Reliability Report

Pennsylvania Power Company,
Pennsylvania Electric Company and
Metropolitan Edison Company

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

Joint 3rd Quarter 2013 Reliability Report – Pennsylvania Power Company, Pennsylvania Electric Company and Metropolitan Edison Company

Section 57.195(e)(1): A description of each major event that occurred during the preceding quarter, including the time and duration of the event, the number of customers affected, the cause of the event and any modified procedures adopted in order to avoid or minimize the impact of similar events in the future¹

Major Events

FirstEnergy Company	Customers Affected	Time and Duration of the Event		Cause of the Event	Commission Approval Status
Penelec ²	43,261	Duration	6 hours and 13 minutes	Transmission Outage	Pending; Request for Exclusion submitted to PaPUC on October 9, 2013
		Start Date/Time	September 10, 2013 5:49 pm		
		End Date/Time	September 11, 2013 12:02 am		

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.

² Penelec's reliability index values and outages by cause assume approval of the Major Event Exclusion request submitted to the Commission on October 9, 2013.

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

Reliability Index Values

3Q 2013 (12-Mo Rolling)	Penn Power			Penelec			Met-Ed		
	Benchmark	12-Month Standard	12-Month Actual	Benchmark	12-Month Standard	12-Month Actual	Benchmark	12-Month Standard	12-Month Actual
SAIFI	1.12	1.34	1.15	1.26	1.52	1.36	1.15	1.38	1.09 ⁵
CAIDI	101	121	143 ³	117	141	115 ⁴	117	140	102 ⁵
SAIDI	113	162	164 ³	148	213	157	135	194	111 ⁵
MAIFI			0.45			3.42			1.92
Customers Served ⁶	159,035			583,531			549,748		
Number of Sustained Interruptions	3,185			10,675			7,166		
Customers Affected	183,353			794,196			599,019		
Customer Minutes	26,141,517			91,534,188			61,234,405		
Number of Customer Momentary Interruptions	71,196			1,993,741			1,054,207		

³ Penn Power's higher-than-normal CAIDI and SAIDI is directly attributed to two non-excludable storm events that occurred on April 10 and June 25 as well as a transmission outage that occurred on June 23, 2013.

⁴ Penelec's CAIDI is better than benchmark due to the limited number of minor storm events this year. Penelec continues to inspect 1/5th of its entire distribution network on an annual basis. Items that are deemed likely to cause an outage are noted and repaired. Additionally, the Company has implemented 16 to 24 hour shift coverage in additional operating centers to speed response time to distribution system trouble.

⁵ Met-Ed's CAIDI is better than benchmark due a continued focus sectionalizing opportunities. Met-Ed's SAIFI and SAIDI are also better than benchmark.

⁶ Represents the average number of customers served during the reporting period

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

Worst Performing Circuits – Reliability Indices

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

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

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

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

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

Worst Performing Circuits – Remedial Actions

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

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

Outages by Cause

Outages by Cause – Penn Power⁷

Outages by Cause				
3rd Quarter 2013 12-Month Rolling	Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
LIGHTNING	2,155,354	462	14,649	14.51%
TREES/NOT PREVENTABLE	6,069,420	422	17,322	13.25%
ANIMAL	699,573	411	8,426	12.90%
BIRD	314,568	377	4,194	11.84%
EQUIPMENT FAILURE	1,528,446	329	27,070	10.33%
TREES OFF ROW-TREE	7,725,301	307	45,891	9.64%
LINE FAILURE	2,074,347	265	17,232	8.32%
TREES OFF ROW-LIMB	1,088,439	102	7,898	3.20%
UNKNOWN	261,221	77	2,724	2.42%
VEHICLE	1,009,812	75	7,359	2.35%
OVERLOAD	231,748	64	3,169	2.01%
FORCED OUTAGE	432,956	57	9,568	1.79%
TREES - SEC/SERVICE	79,426	51	254	1.60%
PREVIOUS LIGHTNING	56,707	50	363	1.57%
TREES ON ROW	1,345,590	44	3,250	1.38%
HUMAN ERROR -NON-COMPANY	344,391	28	2,404	0.88%
CUSTOMER EQUIPMENT	224,129	16	7,693	0.50%
TREES/PREVENTABLE	15,631	10	693	0.31%
HUMAN ERROR - COMPANY	4,314	9	118	0.28%
OBJECT CONTACT WITH LINE	392,061	9	2,242	0.28%
UG DIG-UP	19,690	8	186	0.25%
VANDALISM	59,524	6	568	0.19%
WIND	2,747	2	3	0.06%
CONTAMINATION	2,001	1	29	0.03%
OTHER ELECTRIC UTILITY	636	1	4	0.03%
PLANNED OUTAGE	2,772	1	21	0.03%
SWITCHING ERROR	713	1	23	0.03%
Total	26,141,517	3,185	183,353	100.00%

⁷ In May 2013, new outage cause codes were added to help better categorize tree related outages. Definitions of these codes are as follows:

Trees On ROW - An outage caused by tree that has grown into or contacted a Penn Power primary within the distribution clearing zone
 Trees Off ROW-Tree - An outage caused by tree that has fallen into a Penn Power primary outside the distribution clearing zone
 Trees Off ROW-Limb - An outage caused by tree limb that has fallen into a Penn Power primary outside the distribution clearing zone
 Trees - Sec/Service - An outage caused by tree that has grown into or contacted a Penn Power secondary or service.

Proposed Solutions – Penn Power

Lightning

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

Trees/Not-Preventable / Trees Off ROW-Tree

Forestry Services reviews the "Trees/Not-Preventable" 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 Non-Preventable" caused outages are prioritized based on customer outage minutes. A patrol of the three-phase backbone of each circuit is performed and foresters work with private property owners to remove any potentially dangerous tree conditions.

Animal

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

Outages by Cause – Penelec⁸

Outages by Cause				
3rd Quarter 2013 12-Month Rolling	Penelec			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
EQUIPMENT FAILURE	20,104,705	2880	225,694	26.98%
UNKNOWN	7,633,409	1,952	106,321	18.29%
ANIMAL	1,760,876	914	33,708	8.56%
LINE FAILURE	9,524,174	799	90,113	7.48%
TREES/NOT PREVENTABLE	12,551,940	696	58,743	6.52%
FORCED OUTAGE	5,420,341	675	44,530	6.32%
TREES OFF ROW-TREE	17,024,480	647	68,818	6.06%
LIGHTNING	3,455,058	403	29,879	3.78%
VEHICLE	4,314,710	312	31,580	2.92%
BIRD	299,717	265	4,103	2.48%
TREES - SEC/SERVICE	255,447	216	701	2.02%
HUMAN ERROR - COMPANY	182,803	191	2,831	1.79%
TREES OFF ROW-LIMB	1,840,630	147	19,153	1.38%
HUMAN ERROR -NON-COMPANY	922,066	118	11,140	1.11%
CUSTOMER EQUIPMENT	2,248,541	92	21,780	0.86%
OVERLOAD	475,560	77	12,431	0.72%
TREES ON ROW	77,929	56	432	0.52%
OTHER ELECTRIC UTILITY	122,896	52	1,734	0.49%
UG DIG-UP	93,091	45	369	0.42%
PREVIOUS LIGHTNING	49,097	31	158	0.29%
OBJECT CONTACT WITH LINE	265,937	24	1,914	0.22%
CONTAMINATION	1,032,416	23	13,882	0.22%
VANDALISM	394,272	19	2,145	0.18%
FIRE	242,047	9	2,345	0.08%
TREES/PREVENTABLE	23,291	9	206	0.08%
WIND	1,159,105	7	5,260	0.07%
ICE	654	6	6	0.06%
OTHER UTILITY-NON ELEC	14,226	6	150	0.06%
SWITCHING ERROR	44,770	4	4,070	0.04%
Total	91,534,188	10,675	794,196	100.00%

⁸ In May 2013, new outage cause codes were added to help better categorize tree related outages. Definitions of these codes are as follows:

Trees On ROW - An outage caused by tree that has grown into or contacted a Penelec primary within the distribution clearing zone

Trees Off ROW-Tree - An outage caused by tree that has fallen into a Penelec primary outside the distribution clearing zone

Trees Off ROW-Limb - An outage caused by tree limb that has fallen into a Penelec primary outside the distribution clearing zone

Trees - Sec/Service - An outage caused by tree that has grown into or contacted a Penelec secondary or service.

Joint 2013 Quarterly Reliability Report
for period ending September 30, 2013

Proposed Solutions – Penelec

Equipment Failure

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

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

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

Unknown

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

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 – Met-Ed⁹

Outages by Cause				
3rd Quarter 2013 12-Month Rolling	Met-Ed			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
EQUIPMENT FAILURE	18,232,006	2,101	213,358	29.32%
ANIMAL	1,510,453	1,005	17,139	14.02%
UNKNOWN	4,061,388	855	50,424	11.93%
LINE FAILURE	7,066,056	535	48,143	7.47%
TREES/NOT PREVENTABLE	5,570,627	531	39,225	7.41%
TREES OFF ROW-TREE	6,477,461	359	40,297	5.01%
LIGHTNING	2,884,795	348	29,347	4.86%
FORCED OUTAGE	4,008,044	320	70,308	4.47%
VEHICLE	5,651,317	288	36,998	4.02%
BIRD	378,274	200	4,346	2.79%
TREES OFF ROW-LIMB	1,940,554	147	13,342	2.05%
TREES ON ROW	732,770	104	4,792	1.45%
OVERLOAD	387,099	74	4,636	1.03%
TREES - SEC/SERVICE	120,936	57	389	0.80%
HUMAN ERROR -NON-COMPANY	592,167	53	5,383	0.74%
TREES/PREVENTABLE	318,033	36	2,923	0.50%
PREVIOUS LIGHTNING	27,556	32	159	0.45%
UG DIG-UP	74,601	29	357	0.40%
HUMAN ERROR - COMPANY	396,125	25	8,623	0.35%
OBJECT CONTACT WITH LINE	682,212	25	5,316	0.35%
CUSTOMER EQUIPMENT	18,648	15	263	0.21%
WIND	22,925	7	63	0.10%
OTHER ELECTRIC UTILITY	18,294	6	2,510	0.08%
VANDALISM	13,686	6	55	0.08%
OTHER UTILITY-NON ELEC	40,899	4	429	0.06%
FIRE	5,847	3	162	0.04%
CONTAMINATION	1,632	1	32	0.01%
Total	61,234,405	7,166	599,019	100.00%

⁹ In May 2013, new outage cause codes were added to help better categorize tree related outages. Definitions of these codes are as follows:

- Trees On ROW - An outage caused by tree that has grown into or contacted a Met-Ed primary within the distribution clearing zone
- Trees Off ROW-Tree - An outage caused by tree that has fallen into a Met-Ed primary outside the distribution clearing zone
- Trees Off ROW-Limb - An outage caused by tree limb that has fallen into a Met-Ed primary outside the distribution clearing zone
- Trees - Sec/Service - An outage caused by tree that has grown into or contacted a Met-Ed secondary or service

Proposed Solutions – Met-Ed

Equipment Failure

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

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.

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

T&D Inspection and Maintenance Programs

Inspection and Maintenance 2013		Penn Power			Penelec			Met-Ed		
		Planned	Completed		Planned	Completed		Planned	Completed	
		Annual	3Q	YTD	Annual	3Q	YTD	Annual	3Q	YTD
Forestry	Transmission (Miles)	77.97	15.11	21.30	422.30	53.26	234.35	395.17	0	172.72
	Distribution (Miles)	1,183	358	929	4,636	1,159	3,171	2,837	563	1,861
Transmission	Aerial Patrols	2	0	1	2	0	1	2	1	2
	Groundline	0	0	0	1,268	1,152	1,597	0	0	0
Substation	General Inspections	924	231	693	4,895	1,227	3,686	2,592	648	1,944
	Transformers	126	57	126	687	65	679	326	185	306
	Breakers	47	26	35	310	34	272	147	52	117
	Relay Schemes	40	17	26	189	48	168	321	88	209 ¹⁰
Distribution	Capacitors	1,007	0	1,009	8,677	0	8,677	4,691	0	4,691
	Poles	10,900	2,291	5,728	41,111	14,083	37,731	31,159	2,863	27,911
	Reclosers	773	131	773	2,568	2,574	2,574	1,033	663	1,033
	Radio-Controlled Switches	Penn Power has no radio-controlled switches			2,294	502	1,651	130	31	96

General Note:

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

¹⁰ The number of relay schemes completed year to date as of the end of the second quarter was incorrectly reported as 251. This has been revised to 121 completed year to date at the end of the second quarter.

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

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 Expenditures¹¹

PennPower						
T&D O&M - 3Q/YTD September 2013						
Category	Q3 Actuals	Q3 Budget	Q3 YTD Actuals	Q3 YTD Budget	Annual Budget	
Transmission						
560 Operation Supervision & Engineering	0	0	(1)	0	0	
561 Load Dispatching	28,904	22,404	95,194	67,211	89,615	
565 Transmission of Electricity by Others	2,151,536	3,131,091	5,443,111	9,352,376	12,503,411	
566 Miscellaneous Transmission Expenses	8,710	42,683	24,524	129,212	172,213	
568 Maintenance Supervision & Engineering	1,569	(649)	6,126	(1,756)	(2,405)	
569 Maintenance of Structures	6,053	17,824	16,636	50,222	68,502	
570 Maintenance of Station Equipment	2,559	1,202	4,085	3,516	4,628	
571 Maintenance of Overhead Lines	2,707	6,556	194,357	8,353	14,222	
573 Maintenance of Miscellaneous Transmission Plant	380	2	(1,678)	5	7	
575 Market Administration, Monitoring & Compliance Services	5,310	5,750	17,816	17,250	23,000	
Transmission Total	2,207,727	3,226,862	5,800,170	9,626,388	12,873,193	
Distribution						
580 Operation Supervision & Engineering	47	0	(2,613)	0	81,257	
582 Station Expenses	3,488	15,698	7,673	47,294	63,940	
583 Overhead Line Expenses	16,723	0	20,786	0	0	
584 Underground Line Expenses	56,321	72,615	140,749	212,478	279,703	
586 Meter Expenses	19,789	29,013	59,112	82,606	108,157	
588 Miscellaneous Distribution Expenses	220,662	264,401	787,783	715,245	1,007,020	
589 Rents	75,784	86,065	268,388	256,907	342,528	
590 Maintenance Supervision & Engineering	29,761	14,032	81,905	30,514	39,663	
592 Maintenance of Station Equipment	188,741	40,891	545,293	78,114	110,396	
593 Maintenance of Overhead Lines	2,277,159	1,267,765	5,833,954	3,966,705	5,178,051	
594 Maintenance of Underground Lines	369,580	0	1,011,537	0	0	
596 Maintenance of Street Lighting & Signal Systems	103,667	62,052	370,309	241,395	305,675	
597 Maintenance of Meters	193,787	130,465	524,247	382,169	505,111	
598 Maintenance of Miscellaneous Distribution Plant	80,559	101,557	199,382	286,447	390,604	
Distribution Total	3,636,068	2,084,554	9,848,507	6,299,873	8,412,104	
PennPower Grand Total	5,843,795	5,311,416	15,648,677	15,926,261	21,285,297	

¹¹ Budgets are subject to change

Penelec						
T&D O&M - 3Q/YTD September 2013						
Category	Q3 Actuals	Q3 Budget	Q3 YTD Actuals	Q3 YTD Budget	Annual Budget	
Transmission						
560	Operation Supervision & Engineering	17,609	28,800	30,188	63,252	69,161
561	Load Dispatching	134,765	172,422	415,004	498,184	656,152
562	Station Expenses	919	0	(8,035)	0	0
563	Overhead Lines Expenses	6,319	10,364	268,960	289,627	355,919
565	Transmission of Electricity by Others	2,694,959	2,468,255	4,341,751	3,908,080	6,376,335
566	Miscellaneous Transmission Expenses	68,009	350,891	274,413	1,047,850	1,387,159
567	Rents	683,846	636,913	2,016,100	1,920,778	2,566,332
568	Maintenance Supervision & Engineering	234,149	33,722	393,524	93,993	122,011
569	Maintenance of Structures	83,033	84,797	244,714	239,078	326,047
570	Maintenance of Station Equipment	214,673	106,927	1,196,004	314,343	410,675
571	Maintenance of Overhead Lines	1,058,126	802,701	3,895,204	2,395,485	3,198,069
572	Transmission-Maintenance Of Underground Lines	225	0	571	0	0
573	Maintenance of Miscellaneous Transmission Plant	6,589	1	55,007	4	5
575	Market Administration, Monitoring & Compliance Services	11,009	15,150	40,201	45,451	60,602
Transmission Total		5,214,228	4,710,946	13,163,605	10,816,126	15,528,467
Distribution						
580	Operation Supervision & Engineering	36,134	26,560	123,583	108,155	541,782
581	Load Dispatching	96,941	110,992	271,150	313,891	410,428
582	Station Expenses	4,818	0	45,308	0	0
583	Overhead Line Expenses	418,945	14,965	476,890	52,390	62,112
584	Underground Line Expenses	248,575	216,245	615,206	648,734	864,979
585	Distribution-Street Lighting & Signal System Expenses	0	0	(655)	0	0
586	Meter Expenses	146,761	167,901	437,494	481,379	629,820
588	Miscellaneous Distribution Expenses	1,676,783	951,655	4,773,454	2,658,300	3,747,334
589	Rents	416,980	402,459	1,163,366	1,210,600	1,616,266
590	Maintenance Supervision & Engineering	140,242	68,635	387,130	150,296	195,781
592	Maintenance of Station Equipment	1,158,628	1,434,829	2,919,528	4,161,918	5,547,134
593	Maintenance of Overhead Lines	4,293,912	3,640,154	13,363,966	10,479,897	13,777,742
594	Maintenance of Underground Lines	222,231	770	1,086,933	2,198	2,858
595	Maintenance Line Transformer	22,726	0	22,726	0	0
596	Maintenance of Street Lighting & Signal Systems	176,758	580,546	602,836	1,726,529	2,329,580
597	Maintenance of Meters	487,922	515,291	1,366,887	1,509,685	2,015,938
598	Maintenance of Miscellaneous Distribution Plant	461,273	484,338	1,629,037	1,364,885	1,861,456
Distribution Total		10,009,629	8,615,339	29,284,840	24,868,858	33,603,210
Penelec Grand Total		15,223,857	13,326,284	42,448,445	35,684,984	49,131,677

Met-Ed						
T&D O&M - 3Q/YTD September 2013						
Category	Q3 Actuals	Q3 Budget	Q3 YTD Actuals	Q3 YTD Budget	Annual Budget	
Transmission						
560	Operation Supervision & Engineering	81,146	24,282	91,855	53,233	58,774
561	Load Dispatching	234,618	586,425	995,612	1,664,585	2,196,993
562	Station Expenses	11,357	0	44,062	0	0
563	Overhead Lines Expenses	2,625	2,650	17,904	24,767	24,767
565	Transmission of Electricity by Others	2,850,390	2,764,744	4,661,442	4,802,524	7,567,268
566	Miscellaneous Transmission Expenses	112,775	374,232	322,172	1,172,306	1,539,734
567	Rents	108,161	73,062	277,753	219,186	292,248
568	Maintenance Supervision & Engineering	257,898	29,843	397,992	83,318	108,178
569	Maintenance of Structures	70,718	76,267	211,743	215,046	293,263
570	Maintenance of Station Equipment	439,162	407,390	1,236,101	1,359,809	1,829,093
571	Maintenance of Overhead Lines	1,160,184	762,967	4,027,295	2,288,864	3,051,933
573	Maintenance of Miscellaneous Transmission Plant	14,211	24	38,816	6,836	7,170
575	Market Administration, Monitoring & Compliance Services	11,580	18,809	40,779	56,426	75,235
Transmission Total		5,354,827	5,120,695	12,363,526	11,946,902	17,044,657
Distribution						
580	Operation Supervision & Engineering	14,341	22,044	34,648	53,746	418,679
581	Load Dispatching	62,102	91,316	180,349	251,585	333,270
582	Station Expenses	264,601	437,943	602,862	1,154,847	1,518,279
583	Overhead Line Expenses	238,691	8,317	254,577	319,173	319,448
584	Underground Line Expenses	384	147,783	(3,473)	443,348	591,130
585	Distribution-Street Lighting & Signal System Expenses	263	0	263	0	0
586	Meter Expenses	183,979	141,822	465,487	399,375	529,568
588	Miscellaneous Distribution Expenses	1,215,714	(485,876)	3,805,147	(1,498,482)	(1,707,739)
589	Rents	135,218	130,433	424,797	391,298	521,731
590	Maintenance Supervision & Engineering	126,338	61,417	347,572	134,463	175,141
591	Maintenance of Structures	2,344	3,972	7,799	11,584	15,607
592	Maintenance of Station Equipment	689,531	670,278	1,900,128	2,119,416	2,877,573
593	Maintenance of Overhead Lines	5,986,560	3,625,199	15,139,082	10,886,004	14,531,610
594	Maintenance of Underground Lines	1,030,794	145,672	2,439,452	438,523	585,621
596	Maintenance of Street Lighting & Signal Systems	121,312	143,570	444,699	432,326	577,427
597	Maintenance of Meters	526,033	521,015	1,551,385	1,553,611	2,078,356
598	Maintenance of Miscellaneous Distribution Plant	420,516	653,520	1,197,440	1,867,910	2,521,029
Distribution Total		11,018,721	6,318,426	28,792,215	18,958,728	25,886,732
Met-Ed Grand Total		16,373,547	11,439,120	41,155,741	30,905,629	42,931,389

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

Budgeted vs. Actual T&D Capital Expenditures^m

Penn Power					
T&D Capital - 3Q / YTD September 2013					
Category	Q3 Actuals	Q3 Budget	Q3 YTD Actuals	Q3 YTD Budget	Annual Budget
Capacity	155,949	62,188	1,456,476	1,824,017	1,898,953
Condition	479,053	783,685	1,083,603	1,846,420	2,564,631
Facilities	695	-	8,520	1,501	1,501
Forced	2,301,159	1,566,379	4,828,068	4,765,499	6,271,967
Meter Related	193,059	50,070	442,637	137,826	187,050
New Business	1,467,362	556,289	3,830,799	1,904,618	2,438,400
Other	120,404	300,287	1,962,754	647,512	813,787
Reliability	636,603	1,768,126	1,442,350	3,473,093	5,028,877
Street Light	86,132	6,560	225,618	18,233	27,798
Tools & Equipment	35,655	23,569	121,018	58,287	100,895
Vegetation Management	1,581,863	1,649,078	4,473,631	4,804,206	6,156,508
Penn Power Total	7,057,935	6,766,231	19,875,474	19,481,212	25,490,367

Penelec					
T&D Capital - 3Q / YTD September 2013					
Category	Q3 Actuals	Q3 Budget	Q3 YTD Actuals	Q3 YTD Budget	Annual Budget
Capacity	14,515,658	18,831,493	23,381,049	26,658,036	33,085,381
Condition	2,606,096	2,193,475	10,161,551	6,462,030	8,044,466
Facilities	731,434	82,008	1,500,601	245,051	325,953
Forced	7,222,765	7,737,716	24,336,638	23,348,764	30,504,899
Meter Related	831,418	726,279	2,753,443	2,153,380	2,867,772
New Business	2,916,519	3,046,354	8,308,647	8,296,720	11,203,236
Other	2,231,173	5,167,074	6,667,496	19,310,584	24,833,152
Reliability	10,380,050	7,145,526	24,491,807	20,208,486	27,632,639
Street Light	268,514	318,265	887,508	945,008	1,253,565
Tools & Equipment	163,632	207,651	750,987	590,800	867,093
Vegetation Management	6,155,546	3,880,376	15,523,635	14,650,394	18,493,035
Penelec Total	48,022,804	49,336,217	118,763,362	122,869,250	159,111,191

^m Budgets are subject to change

Met-Ed					
T&D Capital - 3Q / YTD September 2013					
Category	Q3 Actuals	Q3 Budget	Q3 YTD Actuals	Q3 YTD Budget	Annual Budget
Capacity	1,173,392	1,264,312	14,034,010	13,943,185	14,704,838
Condition	3,686,858	3,903,754	11,515,092	10,568,572	13,944,041
Facilities	82,117	20,705	44,607	62,116	82,821
Forced	6,161,654	6,046,279	13,254,348	17,886,703	22,430,887
Meter Related	658,173	599,483	2,355,677	1,834,634	2,431,665
New Business	3,136,643	3,373,711	9,839,975	10,125,224	13,442,789
Other	467,797	2,754,144	4,009,977	6,404,213	10,296,827
Reliability	(367,724)	1,057,776	3,109,213	4,108,026	5,129,361
Street Light	95,049	90,599	247,696	271,025	360,151
Tools & Equipment	223,573	191,078	873,596	711,282	985,018
Vegetation Management	3,225,495	3,682,418	11,592,187	11,026,389	14,688,050
Met-Ed Total	18,543,025	22,984,260	70,876,378	76,941,368	98,496,448

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

Staffing Levels

Penn Power 2013					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	27	29	28	
	Lineman	66	63	61	
Substation	Technician	4	4	4	
	Construction & Maintenance (C&M)	21	21	20	
Total		118	117	113	

Penelec 2013					
Department	Staff	1Q	2Q	3Q ⁿ	4Q
Line	Leader / Chief	140	137	129	
	Lineman	178	179	180	
Substation	Technician	6	6	6	
	Construction & Maintenance (C&M)	71	69	69	
Total		395	391	384	

Met-Ed 2013					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	54	53	53	
	Lineman	178	176	176	
Substation	Technician	15	15	15	
	Construction & Maintenance (C&M)	59	59	59	
Total		306	303	303	

ⁿ Through 3Q of 2013, Penelec has experienced a reduction in staffing due to retirements and transfers.

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

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

Contractor Expenditures

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

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

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

Call-out Acceptance Rate

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

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

Call-out Response

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

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

ATTACHMENT A

Worst Performing Circuits - Reliability Indices

Penn Power													
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Conneaut	W-173	Clark	1,934	35	1	885,058	2,711	5.57	457.6	1.4	326.5	0
2	Hickory	W-245	Clark	1,469	15	1	763,017	1,740	4.80	519.4	1.18	438.5	2
3	Hermitage	W-260	Clark	2,392	58	2	639,614	6,969	4.02	267.4	2.91	91.78	0
4	Stoneboro	W-130	Clark	804	34	0	618,834	1,215	3.89	769.7	1.51	509.3	0.09
5	Sharon	W-135	Clark	1,131	33	1	561,590	1,890	3.53	496.5	1.67	297.1	0
6	Silver Street	W-268	Clark	2,188	21	1	528,392	2,736	3.32	241.5	1.25	193.1	0
7	Mercer	W-167	Clark	850	38	0	518,931	1,302	3.26	610.5	1.53	398.6	0
8	Canal	W-101	Clark	1,498	37	0	513,160	1,916	3.23	342.6	1.28	267.8	0
9	McDowell	W-120	Clark	1,037	53	0	510,077	1,542	3.21	491.9	1.49	330.8	2

Penelec													
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Union City	00206-43	Erie	3,779	107	1	1,761,517	9,776	3.02	466	2.59	180	13.73
2	Union City	00425-43	Erie	722	17	0	1,337,309	1,725	2.29	1,852	2.39	775	8.76
3	Rolling Meadows	00310-31	Erie	3,028	31	1	1,163,794	8,854	1.99	384	2.92	131	1.59
4	Marienville	00328-51	Oil City	1,143	40	0	995,057	2,396	1.71	871	2.10	415	17.37
5	East Pike	00095-13	Indiana	3,333	23	0	954,531	4,553	1.64	286	1.37	210	6.78
6	DuBois	00124-23	DuBois	2,059	29	0	847,381	9,387	1.45	406	4.49	90	1.00
7	Springboro	00237-52	Meadville	2,834	66	0	783,261	4,134	1.34	276	1.46	189	3.00
8	Madera	00165-22	Philipsburg	944	33	0	725,513	1,868	1.24	769	1.98	388	9.93
9	Madera	00166-22	Philipsburg	2,248	50	2	713,640	7,664	1.22	317	3.41	93	5.40
10	Philipsburg	00162-22	Philipsburg	3,253	87	0	686,069	7,335	1.18	210	2.25	94	13.36
11	Warren South	00220-41	Warren	2,970	59	0	668,753	3,631	1.15	225	1.22	184	3.50
12	Williamsburg	00046-71	Altoona	387	22	0	640,573	1,625	1.10	1,655	4.20	394	2.40
13	Seward	00075-11	Johnstown	905	20	0	628,756	3,443	1.08	695	3.80	183	5.30
14	Lake Como	00788-65	Montrose	742	27	2	604,252	3,069	1.04	814	4.14	197	11.76
15	Union City	00207-43	Erie	853	36	2	585,656	4,072	1.00	687	4.77	144	15.03
16	Belleville	00124-81	Lewistown	544	23	2	571,209	1,678	0.98	1,050	3.08	340	20.00
17	East Pike	00094-13	Indiana	1,531	9	2	548,804	6,259	0.94	358	4.09	88	9.92
18	Erie South	00259-31	Erie	2,498	62	1	538,278	6,076	0.92	215	2.43	89	0.67
19	Hooversville	00019-12	Somerset	1,718	43	0	525,104	3,875	0.90	306	2.26	136	0.70
20	Tunkhannock	00533-65	Montrose	1,231	54	1	515,037	2,972	0.88	418	2.41	173	15.00
21	St. Benedict	00057-72	Ebensburg	919	15	1	511,051	1,978	0.88	556	2.15	258	11.03
22	Madera	00147-22	Philipsburg	1,073	28	3	509,692	5,038	0.87	475	4.70	101	27.18
23	Corry East	00440-43	Erie	593	15	1	506,418	1,252	0.87	854	2.11	404	12.16
24	French Road	00223-31	Erie	2,116	30	2	486,132	7,824	0.83	230	3.70	62	2.38
25	Union City	00208-43	Erie	1,260	51	2	435,430	3,464	0.75	346	2.75	126	20.23
26	Tower 51	00051-11	Johnstown	586	24	0	431,668	1,286	0.74	737	2.19	336	5.65
27	Covington	00729-63	Mansfield	756	31	0	429,679	2,062	0.74	568	2.73	208	2.17
28	Edgewood	00097-13	Indiana	1,354	16	0	421,184	3,517	0.72	311	2.60	120	16.08
29	Viscose Hill	00116-81	Lewistown	672	19	0	420,466	917	0.72	626	1.36	459	0.00
30	Emlenton	00121-51	Oil City	655	25	2	414,814	3,107	0.71	633	4.74	134	12.54
31	Birmingham	00168-22	Philipsburg	1,047	34	0	408,083	2,043	0.70	390	1.95	200	30.29

Penelec													
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
32	Matland	00149-81	Lewistown	1,316	49	0	395,675	2,163	0.68	301	1.64	183	2.00
33	Mansfield	00559-63	Mansfield	546	27	2	390,060	1,792	0.67	714	3.28	218	5.45
34	Blairsville East	00080-13	Indiana	1,061	22	0	380,453	3,042	0.65	359	2.87	125	4.85
35	Tiffany	00440-65	Montrose	1,206	20	1	380,450	2,591	0.65	315	2.15	147	13.60
36	DuBois	00137-23	DuBois	3,041	63	0	372,985	4,196	0.64	123	1.38	89	2.22
37	Main Street	00675-63	Mansfield	651	18	1	361,683	1,272	0.62	556	1.95	284	5.56
38	East Sayre	00518-61	Towanda	823	38	1	354,604	3,627	0.61	431	4.41	98	13.26
39	Falls	00297-65	Montrose	810	23	0	343,280	1,841	0.59	424	2.27	186	1.27
40	Edgewood	00089-13	Indiana	893	26	1	341,565	1,671	0.59	382	1.87	204	10.91
41	Cooper	00069-11	Johnstown	656	17	0	336,718	1,062	0.58	513	1.62	317	5.99
42	Waverly	00164-66	Towanda	950	18	2	335,297	1,967	0.57	353	2.07	170	4.35
43	Salix	00070-11	Johnstown	1,940	37	0	335,127	2,706	0.57	173	1.39	124	5.73
44	Clearfield	00148-21	Clearfield	1,688	34	1	304,030	3,921	0.52	180	2.32	78	19.00
45	Timbin	00103-23	DuBois	801	40	1	300,516	2,772	0.52	375	3.46	108	32.47
46	Mine 40	00277-11	Johnstown	476	7	0	299,003	819	0.51	628	1.72	365	3.11
47	Tionesta Jct Sw Sta	00498-51	Oil City	1,109	36	0	297,379	3,936	0.51	268	3.55	76	1.75
48	Philipsburg	00164-22	Philipsburg	2,334	50	0	284,001	2,799	0.49	122	1.20	101	1.76
49	Portage	00186-72	Ebensburg	976	9	1	275,285	2,302	0.47	282	2.36	120	0.35
50	Platea	00432-34	Erie	612	24	0	268,614	2,073	0.46	439	3.39	130	7.02
51	Westfall	00008-71	Altoona	825	10	1	268,319	918	0.46	325	1.11	292	4.01
52	Warren South	00219-41	Warren	318	18	0	266,277	1,345	0.46	837	4.23	198	6.01
53	Cambridge Springs	00460-52	Meadville	541	11	2	265,259	1,180	0.45	490	2.18	225	0.00
54	Mansfield	00558-63	Mansfield	716	32	0	260,298	869	0.45	364	1.21	300	5.40
55	East Towanda	00525-62	Towanda	676	31	0	260,122	808	0.45	385	1.20	322	1.58
56	Somerset	00013-12	Somerset	2,158	36	2	257,655	3,257	0.44	119	1.51	79	13.96
57	Downing Avenue	00570-31	Erie	759	7	0	255,538	879	0.44	337	1.16	291	1.00
58	Wellsboro	00324-63	Mansfield	289	7	0	249,570	451	0.43	864	1.56	553	0.00
59	Meyersdale North	00004-12	Somerset	591	12	3	243,382	1,620	0.42	412	2.74	150	4.47
60	Holidaysburg	00202-71	Altoona	916	8	1	241,534	1,639	0.41	264	1.79	147	0.00
61	Lawrenceville	00632-63	Mansfield	642	20	1	237,292	1,316	0.41	370	2.05	180	7.03
62	Saxton	00625-73	Bedford	1,229	12	0	236,496	1,489	0.41	192	1.21	159	10.00
63	Waverly	00162-66	Towanda	734	14	1	234,189	1,644	0.40	319	2.24	142	0.37

Met Ed													
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customer Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Ottsville	00661-3	Easton	668	48	4	1,170,663	5,618	2.13	1,752.49	8.41	208.38	0.06
2	Flying Hills	00776-1	Reading	1,484	22	0	952,850	2,336	1.73	642.08	1.57	407.90	1.00
3	Shawnee	00895-3	Stroudsburg	3,737	56	0	910,839	7,279	1.66	243.74	1.95	125.13	7.68
4	S. Nazareth	00809-3	Easton	2,975	47	1	838,602	6,726	1.53	281.88	2.26	124.68	0.95
5	Fox Hill	00816-3	Stroudsburg	3,804	53	0	663,035	6,179	1.21	174.3	1.62	107.30	5.19
6	Shawnee	00860-3	Stroudsburg	3,171	48	3	610,806	4,801	1.11	192.62	1.51	127.22	10.73
7	Hill	00735-4	York	1,566	40	1	601,318	2,946	1.09	383.98	1.88	204.11	1.00
8	Broad Street	00776-2	Lebanon	1,851	17	1	598,591	3,785	1.09	323.39	2.04	158.15	0.00
9	Birdsboro	00756-1	Reading	1,521	51	2	588,250	3,833	1.07	386.75	2.52	153.47	2.38
10	Newberry	00577-4	York	1,599	11	1	583,019	1,994	1.06	364.61	1.25	292.39	1.00
11	Barto	00705-1	Boyertown	2,085	63	1	567,068	5,437	1.03	271.98	2.61	104.30	3.00
12	N. Bangor	00826-3	Easton	3,153	83	0	559,037	6,624	1.02	177.3	2.1	84.40	0.86
13	N. Bangor	00813-3	Easton	1,338	43	0	534,857	2,321	0.97	399.74	1.73	230.44	0.00
14	Straban	00676-4	Gettysburg	1,073	35	0	494,061	3,457	0.90	460.45	3.22	142.92	1.99
15	Snydersville	00621-3	Stroudsburg	1,769	24	1	493,080	2,594	0.90	278.73	1.47	190.08	0.00
16	Tolna	00793-4	York	1,511	23	1	470,709	1,875	0.86	311.52	1.24	251.04	5.00
17	Lynnville	00735-1	Hamburg	1,326	35	2	419,545	3,168	0.76	316.4	2.39	132.43	13.03
18	Newberry	00576-4	York	1,737	57	0	404,898	2,533	0.74	233.1	1.46	159.85	11.34
19	Lickdale	00625-2	Lebanon	975	29	0	404,653	1,213	0.74	415.03	1.24	333.60	4.01
20	North Lebanon	00712-2	Lebanon	1,921	37	1	399,347	2,818	0.73	207.88	1.47	141.71	0.00
21	Mt. Rose	00564-4	York	1,085	6	2	391,142	2,242	0.71	360.5	2.07	174.46	4.02
22	Belfast	00849-3	Easton	1,996	12	0	380,211	4,960	0.69	190.49	2.48	76.66	0.00
23	Leesport	00811-1	Hamburg	1,490	21	1	373,418	3,221	0.68	250.62	2.16	115.93	1.00
24	Anville	00743-2	Lebanon	1,129	22	0	361,439	2,221	0.66	320.14	1.97	162.74	5.02
25	Taxville	00572-4	York	3,128	13	1	356,760	6,179	0.65	114.05	1.98	57.74	7.58
26	Dillsburg	00748-4	Dillsburg	1,809	35	3	353,008	4,947	0.64	195.14	2.73	71.36	1.66
27	Windsor	00795-4	York	1,036	35	1	348,528	2,306	0.63	336.42	2.23	151.14	0.14
28	Bern Church	00789-1	Reading	1,422	51	0	347,504	2,388	0.63	244.38	1.68	145.52	3.25
29	Moselem	00779-1	Reading	1,897	20	1	343,583	2,105	0.62	181.12	1.11	163.22	1.00
30	Birdsboro	00757-1	Reading	1,924	30	2	321,116	3,139	0.58	166.9	1.63	102.30	1.74
31	Myerstown	00752-2	Lebanon	1,466	18	2	319,248	3,263	0.58	217.77	2.23	97.84	4.94
32	W. Boyertown	00715-1	Boyertown	1,682	22	1	311,038	2,218	0.57	184.92	1.32	140.23	0.94
33	Hill	00737-4	York	1,664	25	0	309,423	4,412	0.56	185.95	2.65	70.13	2.64
34	Frystown	00702-2	Lebanon	802	13	3	307,926	2,591	0.56	383.95	3.23	118.84	1.72
35	Lincoln Park	00750-1	Reading	895	21	1	307,571	1,765	0.56	343.65	1.97	174.26	0.00
36	Ortanna	00764-4	Gettysburg	1,674	43	2	304,514	4,868	0.55	181.91	2.91	62.55	1.00
37	N. Bangor	00838-3	Easton	1,640	27	0	303,981	1,896	0.00	185.35	1.16	160.33	1.84
38	Myerstown	00750-2	Lebanon	1,557	16	1	291,618	1,825	0.53	187.29	1.17	159.79	5.00

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

ATTACHMENT B

Worst Performing Circuits – Remedial Actions

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

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

Penn Power						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
1	Conneaut	W-173	<i>Performance was driven by two outages both caused by non-preventable tree.</i>			
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-13	
2	Hickory	W-245	<i>Performance was driven by two outages both caused by non-preventable trees.</i>			
			Circuit reliability coordinator field review of circuit to identify visible equipment failures	Complete	Sep-12	
			Forestry to trim circuit	Complete	Jun-13	
			Circuit reliability coordinator field review of circuit to identify visible equipment failures	Complete	Jun-13	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-13	
3	Hermitage	W-260	<i>Performance was driven by two outages caused by line failures due to wind associated with thunderstorm.</i>			4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Substation returned to normal	Complete	Jun-12	
			Equipment that was damaged by lightning was replaced at time of restoration	Complete	Aug-12	
			Equipment that was damaged by wind was replaced at time of restoration	Complete	Jun-13	
			Circuit reliability coordinator field review of circuit to identify visible equipment failures	Complete	Mar-13	
			CEM improvement project on the main feed of the circuit	Complete	Jul-13	

Penn Power						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
4	Stoneboro	W-130	<i>Performance was driven by three outages, two caused by preventable trees and one caused by non-preventable trees.</i>			3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-12	
			Field review of circuit to identify visible equipment failures	Complete	Sep-12	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-13	
5	Sharon	W-135	<i>Performance was driven by one outages caused by non-preventable trees.</i>			
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Apr-13	
6	Silver Street	W-268	<i>Performance driven by two outages one caused by steel roof being blown into line during a storm.</i>			
			Animal removed when line was restored	Complete	May-12	
			Steel roof was removed and associated repairs were made at time of restoration	Complete	Apr-13	
7	Mercer	W-167	<i>Performance was driven by one outage caused by non-preventable trees.</i>			
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jun-13	
8	Canal	W-101	<i>Performance was driven by two outages both caused by non-preventable trees.</i>			
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-13	
			Circuit reliability coordinator field review of circuit to identify visible equipment failures	Complete	Mar-13	
			CEMI improvement project on the main feed of the circuit	Complete	Aug-13	

PennPower						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
9	McDowell	W-120	<i>Performance was driven by one outage caused by non-preventable trees.</i>			
			Circuit reliability coordinator field review of circuit to identify visible equipment failures	Complete	Jun-13	
			CEMI improvement project on the main feed of the circuit	Complete	Jul-13	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-13	
			Forestry to trim circuit	To be completed 2013		
	Evans City	D611	<i>Performance was driven by four outages, one caused by line failure, two caused by equipment failure, and one caused by a non-preventable tree with all occurring during weather conditions prior to CRC field review</i>			3Q 2012 4Q 2012 1Q 2013 2Q 2013
			Equipment that was broken by lightning was replaced at time of restoration	Complete	Jul-12	
			The equipment failure was repaired at the time of restoration	Complete	Jul-12	
			The equipment failure was repaired at the time of restoration	Complete	Jul-12	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-12	
			Field review of circuit to identify visible equipment failures	Complete	Oct-12	
			Circuit reliability coordinator field review of circuit to identify visible equipment failures	Complete	Apr-13	
			Forestry to trim circuit	Complete	Jun-13	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
1	Union City	00206-43	<i>Performance was driven by non-preventable trees during a minor storm and damage from a tornado.</i>			3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair line failure	Complete	May-12	
			Repair damage caused by lightning	Complete	May-12	
			Repair damage caused by a tree during a storm	Complete	Jul-12	
			Add additional protection per circuit coordination	Complete	Dec-12	
			Full cycle tree clearing	Complete	Dec-12	
			Repair damage caused by a tornado	Complete	May-13	
			Repair tree damage from minor storm	Complete	Jul-13	
2	Union City	00425-43	<i>Performance was driven by damage from a tornado.</i>			
			Repair tornado damage	Complete	May-13	
3	Rolling Meadows	00310-31	<i>Performance was driven by line failure during minor storm and equipment failure.</i>			4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Add additional protection per circuit coordination	Complete	May-12	
			Repair line failure	Complete	Dec-12	
			Repair equipment failure	Complete	Jan-13	
4	Marienville	00328-51	<i>Performance was driven by non-preventable trees during a minor storm.</i>			
			Repair damage caused by a tree	Complete	May-13	
			Repair damage caused by a tree	Complete	Jun-13	
			Repair damage caused by a tree	Complete	Jul-13	
5	East Pike	00095-13	<i>Performance was driven by equipment failure and trees non-preventable during minor storm.</i>			3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair damage caused by a tree during a storm	Complete	Jul-12	
			Repair equipment failure	Complete	Sep-12	
			Repair equipment failure	Complete	May-13	

Penelec							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
6	DuBois	00124-23	<i>Performance was driven by lightning, non-preventable trees and equipment failure.</i>				3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair damage caused by lightning	Complete	Jul-12		
			Repair damage caused by a tree	Complete	Nov-12		
			Repair equipment failure	Complete	Dec-12		
			Repair equipment failure	Complete	Jan-13		
			Targeted main line reliability equipment replacement	To be completed 2013			
7	Springboro	00237-52	<i>Performance was driven by non-preventable trees during a minor storm and equipment failure.</i>				
			Repair equipment failure	Complete	Feb-13		
			Repair damage caused by a tree	Complete	Jun-13		
			Add additional protection per circuit coordination	Complete	Jun-13		
8	Madera	00165-22	<i>Performance was driven by non-preventable trees and equipment failure during a storm.</i>				2Q 2012 3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair damage caused by a tree during a storm	Complete	Apr-12		
			Repair damage caused by a tree during a storm	Complete	May-12		
			Add additional protection per circuit coordination	Complete	Feb-13		
			Repair equipment failure	Complete	Apr-13		
			Repair damage caused by a tree	Complete	May-13		
			Circuit inspection	Complete	Aug-13		
9	Madera	00166-22	<i>Performance was driven by line failure during a storm, non-preventable trees and vehicle contact.</i>				2Q 2012 3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair line failure	Complete	May-12		
			Repair damage from vehicle	Complete	Aug-12		
			Repair tree damage	Complete	Sep-12		
			Repair tree damage	Complete	Jan-13		
			Repair tree damage	Complete	May-13		

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
10	Phlipsburg	00162-22	<i>Performance was driven by trees non-preventable during storm and equipment failure.</i>			2Q 2012 3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair damage caused by lightning	Complete	May-12	
			Repair equipment failure	Complete	Sep-12	
			Full cycle tree clearing	Complete	Dec-12	
			Repair tree damage during storm	Complete	May-13	
			Repair equipment failure	Complete	Jul-13	
11	Warren South	00220-41	<i>Performance was driven by non-preventable tree damage during a minor storm and a car pole accident.</i>			2Q 2012 3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair damage caused by a vehicle	Complete	May-12	
			Repair damage caused by a tree	Complete	Jul-12	
			Repair damage caused by a vehicle	Complete	Mar-13	
			Repair damage caused by a tree	Complete	May-13	
12	Williamsburg	00046-71	<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair damage caused by a tree	Complete	Jun-13	
13	Seward	00075-11	<i>Performance was driven by trees non-preventable and line failure during minor storm.</i>			4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair damage caused by a tree during a storm	Complete	Jun-12	
			Add additional protection per circuit coordination	Complete	Mar-13	
			Repair line failure	Complete	May-13	
			Repair damage caused by a tree during a storm	Complete	Jun-13	
14	Lake Como	00788-65	<i>Performance was driven by trees non-preventable and line failure during minor storm.</i>			
			Repair tree damage during storm	Complete	Jan-13	
			Repair tree damage	Complete	Jul-13	
			Repair line failure	Complete	Jul-13	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
15	Union City	00207-43	<i>Performance was driven by damage during a tornado and a car pole accident.</i>			
			Repair damage caused by a vehicle	Complete	Mar-13	
			Repair damage caused by a tornado	Complete	May-13	
16	Belleville	00124-81	<i>Performance was driven by equipment failure during a storm and line failure.</i>			
			Repair line failure	Complete	Jul-12	
			Repair equipment failure	Complete	Jan-13	
			Add additional protection per circuit coordination	Complete	May-13	
17	East Pike	00094-13	<i>Performance was driven by non-preventable trees during a minor storm and equipment failure.</i>			
			Repair damage caused by a tree during a storm	Complete	Jul-12	
			Repair equipment failure	Complete	Jan-13	
			Repair line failure	Complete	May-13	
			Circuit inspection	Complete	Jun-13	
18	Erie South	00259-31	<i>Performance was driven by equipment failure, line failure, non-preventable trees and a car pole accident.</i>			2Q 2012 3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair equipment damage	Complete	Jun-12	
			Repair line failure	Complete	Sep-12	
			Repair damage caused by a tree during a storm	Complete	Jan-13	
			Add additional protection per circuit coordination	Complete	Jan-13	
			Repair equipment failure	Complete	Mar-13	
			Repair damage caused by a vehicle	Complete	Apr-13	
			Repair line failure	Complete	Jul-13	
19	Hooversville	00019-12	<i>Performance was driven by trees non-preventable during minor storm and equipment failure.</i>			3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair tree damage from minor storm	Complete	Jul-12	
			Repair line failure	Complete	Dec-12	
			Add additional protection per circuit coordination	Complete	Oct-13	

Penelec							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
20	Tunkhannock	00533-65	<i>Performance was driven by trees non-preventable and equipment failure.</i>				
			Repair damage caused by a tree	Complete	Nov-12	2Q 2012	
			Repair tree damage	Complete	Aug-12	3Q 2012	
			Repair equipment damage	Complete	Apr-13	4Q 2012	
			Repair tree damage	Complete	May-13	1Q 2013	
			Full cycle tree clearing	To be completed 2013		2Q 2013	
21	St. Benedict	00057-72	<i>Performance was driven by trees non-preventable and equipment failure during a storm.</i>				2Q 2012
			Repair line failure	Complete	Apr-12	3Q 2012	
			Repair damage caused by a tree during a storm	Complete	May-12	4Q 2012	
			Repair equipment failure	Complete	Jan-13	1Q 2013	
			Repair damage caused by a tree during a storm	Complete	Jun-13	2Q 2013	
22	Madera	00147-22	<i>Performance was driven by non-preventable trees and equipment failure during a storm.</i>				3Q 2013
			Repair equipment failure	Complete	Oct-12		
			Repair damage caused by a tree during a storm	Complete	Jan-13		
			Repair tree damage during storm	Complete	May-13		
			Add additional protection per circuit coordination	To be completed 2013			
23	Corry East	00440-43	<i>Performance was driven by non-preventable trees during a storm.</i>				
			Repair line failure	Complete	Jun-12	3Q 2012	
			Repair damage caused by a tree	Complete	Aug-12	4Q 2012	
			Repair damage caused by a tree	Complete	May-13	1Q 2013	
			Circuit inspection	Complete	Jun-13	2Q 2013	
			Full cycle tree clearing	To be completed 2013		3Q 2013	
24	French Road	00223-31	<i>Performance was driven by trees non-preventable during storm end customer contact with primary.</i>				
			Repair damage caused by a tree during a storm	Complete	Jan-13		
			Repair line failure	Complete	Jul-13		

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
25	Union City	00208-43	<i>Performance was driven by damage from a tornado and trees non-preventable.</i>			
			Repair damage caused by a tree during a storm	Complete	Apr-13	
			Repair damage caused by a tornado	Complete	May-13	
			Add additional protection per circuit coordination	To be completed 2013		
26	Tower 51	00051-11	<i>Performance was driven by trees non-preventable and equipment failure during a storm.</i>			
			Repair damage caused by a vehicle	Complete	Jan-13	
			Add additional protection per circuit coordination	Complete	Feb-13	
			Repair equipment failure	Complete	Mar-13	
27	Covington	00729-63	<i>Performance was driven by line failure during a storm.</i>			
			Repair line damage	Complete	Sep-13	
28	Edgewood	00097-13	<i>Performance was driven by equipment and line failure.</i>			
			Repair equipment damage	Complete	Jul-13	
			Repair line damage	Complete	Jul-13	
29	Viscose Hill	00116-81	2013 Circuit Inspection	Complete	Jun-13	
			<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair damage caused by a tree during a storm	Complete	May-12	
			Add additional protection per circuit coordination	Complete	Jun-13	
30	Eminton	00121-51	Repair tree damage	Complete	Jul-13	
			<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair damage caused by a tree during a storm	Complete	Apr-13	
			Repair damage caused by a tree during a storm	Complete	Jun-13	
			Circuit inspection	To be completed 2013		

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
31	Birmingham	00168-22	<i>Performance was driven by trees non-preventable, equipment and line failure during a storm.</i>			
			Repair damage caused by a tree during a storm	Complete	Apr-13	
			Repair equipment failure	Complete	Jun-13	
			Repair equipment failure	Complete	Sep-13	
32	Madland	00149-81	<i>Performance was driven by equipment failure.</i>			
			Repair equipment failure	Complete	Jan-13	
33	Mansfield	00559-63	<i>Performance was driven by lightning damage during a storm.</i>			
			Repair damage caused by lightning	Complete	Sep-13	
34	Blairsville East	00080-13	<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair damage caused by a tree during a storm	Complete	May-13	
			Repair damage caused by a tree during a storm	Complete	Jun-13	
			Add additional protection per circuit coordination	Complete	Apr-13	
35	Tiffany	00440-65	<i>Performance was driven by trees non-preventable during and line failure during a storm.</i>			
			Repair line failure	Complete	May-13	
			Repair damage caused by a tree during a storm	Complete	Sep-13	
			Circuit inspection	Complete	Sep-13	
36	DuBois	00137-23	<i>Performance was driven by trees non-preventable, equipment failure and car pole accident.</i>			
			Repair equipment damage	Complete	Apr-12	
			Repair damage caused by a tree	Complete	Mar-13	
			Repair equipment damage	Complete	Jun-13	
37	Main Street	00675-63	<i>Performance was driven by customer equipment failure and an unknown cause.</i>			
			Repair equipment failure	Complete	Jun-12	
			Repair equipment failure	Complete	Sep-12	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
38	East Sayre	00518-61	<i>Performance was driven by trees non-preventable and equipment failure.</i>			
			Repair damage caused by a tree	Complete	Apr-13	
			Repair equipment failure	Complete	Jul-13	
			Add additional protection per circuit coordination	To be completed 2013		
39	Falls	00297-65	<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair damage caused by a tree	Complete	Apr-13	
			Repair damage caused by a tree	Complete	Sep-13	
40	Edgewood	00089-13	<i>Performance was driven by non-preventable trees during a storm.</i>			2Q 2012 3Q 2012 4Q 2012 1Q 2013 3Q 2013
			Repair damage caused by a tree	Complete	May-12	
			Repair equipment damage during storm	Complete	May-12	
			Add additional protection per circuit coordination	Complete	Jun-12	
			Full cycle tree clearing	Complete	Mar-13	
			Repair damage from vehicle	Complete	Apr-13	
			Repair tree damage	Complete	Aug-13	
41	Cooper	00069-11	<i>Performance was driven by trees non-preventable.</i>			
			Repair damage caused by a tree	Complete	Jul-13	
42	Waverly	00164-66	<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair damage caused by a tree during a storm	Complete	Sep-13	
43	Safix	00070-11	<i>Performance was driven by non-preventable trees and a line failure during a minor storm.</i>			2Q 2012 3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair damage caused by a tree during a storm	Complete	May-12	
			Repair line failure	Complete	Dec-12	
			Full cycle tree clearing	Complete	May-13	
			Repair tree damage during storm	Complete	Jun-13	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
44	Clearfield	00148-21	<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair damage caused by a tree	Complete	Jul-13	
			Circuit inspection	Complete	Aug-13	
45	Timblin	00103-23	<i>Performance was driven by non-preventable trees during a minor storm, a car pole accident and equipment failure.</i>			2Q 2012 3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair damage caused by a tree	Complete	May-12	
			Repair damage caused by a vehicle	Complete	Sep-12	
			Repair damage caused by a tree during a storm	Complete	Jul-12	
			Repair equipment failure	Complete	Jun-13	
			Repair damage caused by a tree	Complete	Jul-13	
Circuit inspection	Complete	Sep-13				
46	Wine 40	00277-11	<i>Performance was driven by a car pole accident.</i>			
			Repair damage caused by a vehicle	Complete	Aug-13	
47	Tionesta Jct Sw Sta	00498-51	<i>Performance was driven by equipment failure and non-preventable trees during a storm.</i>			4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair tree damage during storm	Complete	Jun-12	
			Repair equipment damage	Complete	Dec-12	
			Repair equipment damage	Complete	Jan-13	
48	Philpsburg	00164-22	<i>Performance was driven by equipment failure and a car pole accident.</i>			2Q 2012 3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair equipment failure	Complete	Oct-12	
			Repair equipment failure	Complete	Dec-12	
			Add additional protection per circuit coordination	Complete	Mar-13	
			Repair damage caused by a vehicle	Complete	Jun-13	
49	Portage	00186-72	<i>Performance was driven by equipment failure and a car pole accident.</i>			
			Repair damage caused by a vehicle	Complete	Feb-13	
			Repair equipment failure	Complete	Aug-13	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
50	Platea	00432-34	<i>Performance was driven by equipment failure and non-preventable trees during a storm.</i>			
			Repair damage caused by a tree during a storm	Complete	Jul-13	
			Repair equipment failure	Complete	Aug-13	
51	Westfall	00008-71	<i>Performance was driven by trees non-preventable during a minor storm.</i>			
			Repair damage caused by a tree during a storm	Complete	Jun-13	
52	Warren South	00219-41	<i>Performance was driven by trees non-preventable and equipment failure during a storm.</i>			
			Repair equipment failure	Complete	Dec-12	
			Repair damage caused by a tree	Complete	Jun-13	
			Circuit inspection	Complete	May-13	
53	Cambridge Springs	00460-52	<i>Performance was driven by trees non-preventable during a minor storm.</i>			
			Repair tree damage during storm	Complete	Jul-12	
			Repair tree damage during storm	Complete	May-13	
54	Mansfield	00558-63	<i>Performance was driven by line failure and overload during minor storm.</i>			
			Repair line failure	Complete	Aug-13	
			Repair overload damage	Complete	Sep-13	
55	East Towanda	00525-62	<i>Performance was driven by line failure.</i>			
			Repair line failure	Complete	Jul-13	
56	Somerset	00013-12	<i>Performance was driven by non-preventable trees during storm, equipment failure and salt contamination.</i>			
			Repair equipment failure	Complete	Jul-12	
			Clean up salt contamination	Complete	Feb-13	
			Repair tree damage during storm	Complete	Jun-13	
			Add additional protection per circuit coordination	Complete	Jul-13	
			Repair tree damage during storm	Complete	Aug-13	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
57	Downing Avenue	00570-31	<i>Performance was driven by a car pole accident.</i>			
			Repair damage caused by a vehicle	Complete	May-13	
58	Wellsboro	00324-63	<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair tree damage	Complete	Dec-12	
			Repair tree damage	Complete	Jun-13	
59	Meyersdale North	00004-12	<i>Performance was driven by non-preventable trees, salt contamination and object contact.</i>			
			Remove metal roofing from line	Complete	Dec-12	
			Clean up salt contamination	Complete	Feb-13	
			Add additional protection per circuit coordination	Complete	Apr-13	
60	Holidaysburg	00202-71	<i>Performance was driven by non-preventable trees and lightning during a minor storm.</i>			
			Repair damage caused by a tree during a storm	Complete	Dec-12	4Q 2012
			Full cycle tree clearing	Complete	Feb-13	2Q 2013
			Repaired damage caused by lightning during storm	Complete	Jul-13	3Q 2013
61	Lawrenceville	00632-63	<i>Performance was driven by equipment failure during a storm and trees non-preventable.</i>			
			Repair equipment failure	Complete	Apr-13	
			Customer correct equipment issue	Complete	May-13	
			Repair tree damage	Complete	May-13	
			Repair equipment failure	Complete	May-13	
			Add additional protection per circuit coordination	To be completed 2013		

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
62	Saxton	00525-73	<i>Performance was driven by line failure and trees non-preventable during a storm.</i>			3Q 2012 4Q 2012 1Q 2013 2Q 2013 3Q 2013
			Repair line failure	Complete	Sep-12	
			Repair tree damage	Complete	Jul-13	
63	Waverly	00152-55	<i>Performance was driven by trees non-preventable during a storm.</i>			
			Repair tree damage during storm	Complete	Aug-13	
			Repair tree damage during storm	Complete	Sep-13	
	Erie East	00234-31	<i>Performance was driven by equipment failure end vehicle damage.</i>			
			Repair equipment failure	Complete	Jan-12	
			Repair damage caused by a vehicle	Complete	Sep-12	
			Add additional protection per circuit coordination	Complete	Oct-12	
			Full cycle tree clearing	To be completed 2013		
	Punxsutawney	00829-23	<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair damage caused by a tree during a storm	Complete	May-12	
			Circuit inspection	Complete	Jul-13	
			Full cycle tree clearing	To be completed 2013		
	Tionesta	00344-51	<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair damage caused by a tree during a storm	Complete	Jun-12	
			Repair damage caused by a tree during a storm	Complete	Jun-12	
			Circuit inspection	To be completed 2013		

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Knox	00323-51	<i>Performance was driven by non-preventable trees during a storm.</i>			
			Repair line failure	Complete	Aug-12	
			Repair equipment failure	Complete	Sep-12	
			Circuit inspection	To be completed 2013		
	Two Mile	00127-42	<i>Performance was driven by non-preventable tree damage during a minor storm and line failure.</i>			
			Repair damage caused by a tree during a storm	Complete	Jul-12	
			Repair line failure	Complete	Jan-13	
			Add additional protection per circuit coordination	To be completed 2013		
	Shawville	00151-21	<i>Performance was driven by lightning and equipment failure during a storm.</i>			2Q 2012
			Repair damage caused by a tree during a storm	Complete	May-12	3Q 2012
			Repair equipment damage	Complete	Aug-12	4Q 2012
			Circuit inspection	Complete	Aug-13	1Q 2013
			Add additional protection per circuit coordination	To be completed 2013		2Q 2013
	Pittsburgh Avenue	00524-31	<i>Performance was driven by lightning damage during a storm.</i>			3Q 2012
			Repair damage caused by lightning	Complete	Jul-12	4Q 2012
			Circuit inspection	Complete	Jul-13	1Q 2013 2Q 2013
	Cambridge Springs	00461-52	<i>Performance was driven by non-preventable trees during a storm.</i>			3Q 2012
			Repair damage caused by a tree during a storm	Complete	Jul-12	4Q 2012
			Circuit inspection	Complete	Jul-13	1Q 2013 2Q 2013
	Brookville	00125-23	<i>Performance was driven by non-preventable trees and line failure.</i>			3Q 2012
			Repair damage caused by a tree	Complete	Aug-12	4Q 2012
			Repair line failure	Complete	Jan-13	1Q 2013
			Circuit inspection	Complete	Aug-13	2Q 2013
	Brookville	00123-23	<i>Performance was driven by equipment failure.</i>			
			Repair equipment failure	Complete	Jan-12	
			Add additional protection per circuit coordination	Complete	Apr-13	
			Circuit inspection	Complete	Aug-13	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work Completed	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Dixonville East	00120-13	<i>Performance was driven by non-preventable trees and equipment failure during a storm.</i>			
			Repair equipment failure	Complete	Mar-12	
			Repair damage caused by a tree	Complete	Aug-12	
			Circuit inspection	Complete	Jun-13	
	Tiffany	00435-65	<i>Performance was driven by non-preventable trees and line failure during a storm.</i>			1Q 2012
			Repair damage caused by a tree during a storm	Complete	Jun-12	2Q 2012
			Repair line failure	Complete	Jun-12	3Q 2012
			Add additional protection per circuit coordination	Complete	Mar-13	4Q 2012
			Full cycle tree clearing	Complete	May-13	1Q 2013
	Mansfield	00699-63	<i>Performance was driven by an unknown cause.</i>			2Q 2012
			Line patrolled due to unknown caused outage	Complete	Apr-12	3Q 2012
			Add additional protection per circuit coordination	Complete	Aug-13	4Q 2012
			Circuit inspection	Complete	Sep-13	1Q 2013
	Madera	00167-22	<i>Performance was driven by non-preventable trees and equipment failure during minor storm.</i>			2Q 2012
			Repair equipment damage	Complete	Apr-12	3Q 2012
			Repair equipment damage	Complete	May-12	4Q 2012
			Repair damage caused by a tree during a storm	Complete	May-12	1Q 2013
			Add additional protection per circuit coordination	Complete	Apr-13	
	Clymer	00110-13	<i>Performance was driven by non-preventable trees and equipment failure during a minor storm.</i>			1Q 2012
			Repair damage caused by a tree and equipment failure during storm	Complete	Apr-12	2Q 2012
			Repair damage caused by a tree during a storm	Complete	Jul-12	3Q 2012
			Full cycle tree clearing	Complete	Feb-13	4Q 2012
			Add additional protection per circuit coordination	Complete	May-13	1Q 2013

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
1	Ottsville	00661-3	<i>Performance was driven by non-preventable trees (64%) and line failure (35%).</i>			
			Install recloser	Complete	Aug-12	
			Comprehensive tree trimming	To be completed 2013		
2	Flying Hills	00776-1	<i>Performance was driven by a single storm on 7/23/12 which contributed 31% of circuit minutes, and trees which contributed 69% of circuit minutes.</i>			2Q2012 3Q2012 4Q2012 1Q2013 2Q2013 3Q2013
			Comprehensive tree trimming	Complete	May-12	
			Perform accelerated backbone and three phase assessment	Complete	Jul-12	
			Spot forestry patrol	Complete	Jul-12	
			Engineering review for the installation of an additional main line recloser	Complete	Jul-12	
			Spot tree removals	Complete	Sep-12	
			Engineering review for the creation of an additional circuit tie	Complete	Dec-12	
			Engineering circuit inspection	Complete	Dec-12	
			Spot forestry patrol	Complete	Dec-12	
			Spot tree trimming and removals (Freemansville Road)	Complete	May-13	
			Install additional set of main line disconnects	Complete	Aug-13	
			Replace underground cable in Flying Hills URD	Complete	Aug-13	
			Spot tree removal Hickory Rd	Complete	Sep-13	
Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13				
3	Shawnee	00895-3	<i>Performance was driven by insulator failure 7/28/12 which contributed 37% of circuit minutes, and trees which contributed 50% of circuit minutes.</i>			2Q2012 3Q2012 4Q2012 1Q2013 2Q2013 3Q2013
			Repair split pole top found on circuit assessment	Complete	Oct-12	
			Correct fuse coordination	Complete	Oct-12	
			Comprehensive tree trimming	Complete	Oct-12	
			Replace porcelain cutouts on recloser backbone with polymer cutouts	Complete	May-13	
			Install additional Supervisory Control And Data Acquisition (SCADA) switch	Complete	Jul-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Oct-13	
4	S. Nazareth	00809-3	<i>Performance was driven by a storm on 6/24/13 which contributed 38% of minutes, lightning on 5/23/13 which contributed 17% of circuit minutes and a vehicle accident which contributed 12% of circuit minutes.</i>			
			Install SCADA controlled switch	Complete	May-12	
			Replace porcelain cutouts on circuit backbone with polymer cutouts	Complete	Dec-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		
			Install fault indicators	To be completed 2013		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
5	Fox Hill	00816-3	<i>Performance driven by non-preventable trees which contributed 43% of circuit minutes and a vehicle accident which contributed 43% of minutes.</i>			
			Comprehensive tree trimming	Complete	Apr-12	
			Perform accelerated backbone and three phase circuit assessment	Complete	Oct-13	
			Replace porcelain cutouts on backbone with polymer	Complete	Oct-13	
6	Shawnee	00860-3	<i>Performance was driven by an insulator failure on 1/2/13 which contributed 49% of minutes and trees during a storm on 4/19/13 which contributed 30% of minutes.</i>			2Q2012 3Q2012 1Q2013 2Q2013 3Q2013
			Install Supervisory Control and Data Acquisition (SCADA) controlled switch	Complete	Sep-12	
			Install Supervisory Control and Data Acquisition (SCADA) controlled switch	Complete	Sep-12	
			Replace three sets of fault indicators	Complete	Jun-12	
			Repair conditioned items from circuit assessment	Complete	Dec-12	
			Comprehensive tree trimming	Complete	Apr-13	
			Replace sectionalizer with Supervisory Control And Data Acquisition (SCADA MOAB)	Complete	Aug-13	
Perform accelerated backbone and three phase circuit assessment	Complete	Oct-13				
7	HIII	00735-4	<i>Performance driven by tree cause outages (74%).</i>			
			Install an additional recloser to protect the circuit three phase	Complete	May-12	
			Comprehensive tree trimming	Complete	Jul-12	
			Perform accelerated backbone and three phase assessment	Complete	Aug-12	
			Comprehensive circuit assessment	Complete	Aug-13	
			Replace poles identified during wood pole inspection	Complete	Aug-13	
			Replace/repair high priority items identified during circuit patrol	Complete	Sep-13	
Replace/repair high priority items identified during circuit patrol	To be completed in 2013					
8	Broad Street	00776-2	<i>Performance was primarily driven by equipment failure and vehicle accidents (68%).</i>			
			Comprehensive tree trimming	Complete	Dec-12	
			Replace underground cable - seven spans	Complete	Feb-13	
			Repair broken switch 77666	Complete	Aug-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
9	Birdsboro	00756-1	<i>Performance was driven by a storm on 9/18/12 which contributed 39% of circuit minutes.</i>			2Q2012 3Q2012 4Q2012 1Q2013 2Q2013 3Q2013
			Spot main line tree trimming and removals	Complete	Apr-12	
			Proactive every other month main line forestry inspection	Complete	May-12	
			Spot main line tree trimming and removals	Complete	Jun-12	
			Replace bypass disconnects main line recloser	Complete	Jun-12	
			Perform accelerated backbone and three phase assessment	Complete	Jul-12	
			Engineering review for the installation of an additional main line recloser	Complete	Jul-12	
			Proactive every other month main line forestry inspection	Complete	Sep-12	
			Spot main line tree trimming and removals	Complete	Oct-12	
			Proactive every other month main line forestry inspection	Complete	Nov-12	
			Replace main line crossarm from assessment	Complete	Dec-12	
			Spot tree trimming and removals	Complete	Dec-12	
			Proactive every other month main line forestry inspection	Complete	Feb-13	
			Spot tree trimming and removals	Complete	Mar-13	
			Install main line tap fuse and fault indicators	Complete	May-13	
			Comprehensive circuit patrol	Complete	Jun-13	
			Proactive every-other-month main line forestry inspection	Complete	Jun-13	
			Main line crossarm brace repair from comprehensive circuit patrol	Complete	Jun-13	
			Main line pole top repair from comprehensive circuit patrol	Complete	Jun-13	
			Spot tree trimming and removals	Complete	Aug-13	
Proactive every-other-month main line forestry inspection	Complete	Sep-13				
Upgrade main line disconnects to gang operated air break switch	Cancelled					
Upgrade main line recloser and customer re-distribution project	To be completed in 2013					

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¹⁴ Revised engineering study reflects improvement will be obtained from upgrade to main line recloser and circuit re-distribution (see additional action) versus GOAB.

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
10	Newberry	00577-4	<i>Performance driven by tree-caused outages which contributed to 98% of the minutes.</i> Forestry to perform an off cycle patrol and trim/remove any required trees	Complete	Jun-12	
11	Barto	00705-1	<i>Performance driven by tree-caused outages (53%), an outage caused by a line tap problem (16%) and a vehicle accident (15%).</i>			3Q2012 4Q2012 1Q2013 2Q2013 3Q2013
			Engineering main line protection coordination analysis	Complete	Apr-12	
			Comprehensive tree trimming	Complete	May-12	
			Transmission substation equipment repair	Complete	Jul-12	
			Main line forestry inspection	Complete	Aug-12	
			Spot forestry inspection	Complete	Sep-12	
			Spot forestry inspection	Complete	Nov-12	
			Spot forestry inspection	Complete	Apr-13	
			Perform accelerated backbone assessment	Complete	Sep-13	
Replace main line crossarm from assessment	Complete	Sep-13				
12	N. Bangor	00826-3	<i>Performance was driven by trees which contributed 44% of circuit minutes and 22% of minutes due to an outage of unknown cause on 11/28/12.</i>			3Q2012 4Q2012 1Q2013 2Q2013 3Q2013
			Forestry to perform mid-cycle inspection	Complete	Nov-12	
			Replace porcelain cutouts on circuit backbone with polymer cutouts	Complete	Apr-13	
			Replace sectionalizer with SCADA NOAB	Complete	Jun-13	
			Perform accelerated backbone and three phase circuit assessment	To be completed in 2013		
13	N. Bangor	00813-3	<i>Performance was driven by trees non-preventable which contributed 64% of circuit minutes.</i>			
			Forestry to perform on mid-cycle tree trimming	Complete	Dec-12	
			Install new electronic recloser	Complete	Sep-13	
14	Straban	00676-4	<i>Performance was driven by non-preventable trees which contributed to 79% of circuit minutes.</i>			
			Perform partial accelerated circuit reliability assessment of main line	Complete	Jun-13	
			Perform partial accelerated circuit reliability assessment of three phase	Complete	Jun-13	
			Perform switch maintenance on two gang operated air break switches	Complete	Jul-13	
			Perform partial accelerated circuit reliability assessment of three phase	Complete	Jul-13	
			Replace one crossarm identified on partial main line assessment	Complete	Jul-13	
			Comprehensive tree trimming	Complete	Jul-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
15	Snydersville	00621-3	<i>Performance driven by a vehicle accident on 11/22/12 which contributed 64% of minutes and a broken crossarm on 5/16/13 which contributed 16% of minutes.</i>			2Q2012 3Q2012 4Q2012 1Q2013 2Q2013 3Q2013
			Replace switch	Complete	Jun-12	
			Replace recloser	Complete	Aug-12	
			Perform accelerated backbone and three phase assessment	Complete	Aug-12	
			Replace crossarm found during circuit assessment	Complete	Oct-12	
			Perform accelerated backbone and three phase assessment	Complete	Oct-13	
			Replace substation recloser and add remote control	To be completed 2013		
16	Toina	00793-4	<i>Circuit performance was driven by object (roof) becoming dislodged and contacting the line during a minor storm (81%).</i>			
			Perform accelerated backbone and three phase circuit assessment	Complete	Jun-12	
			Install additional fault indicators on the circuit	Complete	Oct-12	
			Replace/Repair high priority items identified during circuit patrol	Complete	Aug-13	
17	Lynnville	00735-1	<i>Performance driven by two outages caused by an insulator problem (70%) and non-preventable tree outages (14%).</i>			
			Main line insulator repair	Complete	Feb-13	
			Comprehensive tree trimming	To be completed in 2013		
18	Newberry	00576-4	<i>Performance driven by non-preventable tree outages (38%) and vehicle caused outages (37%).</i>			
			No additional actions are planned for 2013.			
19	Lickdale	00625-2	<i>Performance was primarily driven by tree caused damage and equipment failures (70%).</i>			
			Perform accelerated backbone circuit assessment	Complete	Aug-12	
			Pole Replacement	Complete	May-12	
20	North Lebanon	00712-2	<i>Performance was primarily driven by vehicle accidents (76%)</i>			4Q2012 1Q2013 2Q2013 3Q2013
			Replace Broken Switch 71216	Complete	Apr-13	
			Replace deteriorated crossarm	Complete	Jul-13	
			Replace recloser and control with triple single unit	Complete	Aug-13	
			Perform accelerated backbone circuit assessment	To be completed 2013		
			Comprehensive tree trimming	To be completed 2013		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
21	Mt. Rose	00564-4	<i>Performance driven by non-preventable trees which contributed 83% of circuit minutes.</i>			
			Perform accelerated backbone assessment	Complete	Sep-12	
22	Belfast	00849-3	<i>Performance was driven by a tree caused outage on 6/30/13 which contributed 31% of minutes and a step transformer failure on 5/10/13 which contributed 27% of minutes.</i>			
			Replace crossarm identified during circuit assessment	Complete	Apr-13	
			Comprehensive tree trimming	Complete	Jun-13	
			Install additional main line fusing	To be completed in 2013		
23	Leesport	00811-1	<i>Performance driven by an outage caused by an arrester problem (53%) and a vehicle accident (24%).</i>			2Q2012 3Q2012 4Q2012 1Q2013 2Q2013 3Q2013
			Replace main line crossarm from assessment	Complete	Apr-12	
			Replace main line crossarm from assessment	Complete	May-12	
			Spot forestry inspection	Complete	Nov-12	
			Engineering review for the installation of an additional main line recloser	Complete	Dec-12	
			Replace additional main line crossarm from assessment	Complete	Apr-13	
			Replace main line crossarm brace from assessment	Complete	Apr-13	
			Replace tap insulator from comprehensive circuit patrol	Complete	Apr-13	
			Complete comprehensive circuit patrol	Complete	May-13	
			Complete work request design for new main line recloser	Complete	Aug-13	
			Install fuse/bypass on main line	To be completed in 2013		
Install main line arresters	To be completed in 2013					
24	Annville	00743-2	<i>Performance was driven by trees and equipment failure (71%).</i>			
			Complete comprehensive circuit patrol	Complete	Jan-13	
			Replace broken switch	Complete	Jul-13	
25	Taxville	00572-4	<i>Performance was driven by lightning cause outages (89% of minutes).</i>			2Q2012 4Q2012 1Q2013 3Q2013
			Perform accelerated circuit reliability assessment of backbone	Complete	Jun-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Jun-12	
			Perform SAIFI analysis initiative study	Complete	Apr-12	
			Install fault indicators on the circuit three phase backbone.	Complete	Sep-12	
			Replace/repair high priority items identified during circuit patrol	Complete	Sep-12	
			Install additional fuse on the circuit	Complete	Oct-12	
			Comprehensive tree trimming	Complete	Mar-13	
Perform accelerated backbone circuit assessment	To be completed 2013					

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
26	Dillsburg	00748-4	<i>Performance driven by trees at 67% of circuit minutes and a lightning damaged insulator at 23% of circuit minutes.</i>			
			Replace/repair high priority items identified during accelerated circuit reliability assessment patrol	Complete	Jun-12	
			Perform radio controlled tie switch inspection	Complete	Aug-13	
			Install three one phase electronic resettable sectionalizers to improve circuit backbone reliability	Complete	Sep-13	
27	Windsor	00795-4	<i>Circuit performance was driven by lightning cause outages (56%) and equipment failure cause outages (22%).</i>			
			Perform accelerated circuit reliability assessment of backbone	Complete	May-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	May-12	
			Forestry to perform on cycle comprehensive circuit tree trimming	Complete	Dec-12	
			Comprehensive circuit patrol	Complete	Apr-13	
			Replace/repair high priority items identified during circuit patrol	Complete	Jul-13	
28	Bern Church	00789-1	<i>Performance driven by an outage caused by a vehicle accident (31%), underground cable problems (17%), an outage caused by an overhead primary conductor problem (12%) and tree-caused outages (12%).</i>			3Q2012 4Q2012 1Q2013 2Q2013 3Q2013
			Spot forestry inspection	Complete	Aug-12	
			Fuse upgrades for tap coordination improvement	Complete	Aug-12	
			Relocate main line tap from off road location to along public roadway	Complete	Sep-12	
			Replace additional underground cable in Plum Creek Estates underground residential distribution	Complete	Oct-12	
			Perform accelerated backbone assessment	Complete	Sep-13	
29	Moselem	00779-1	<i>Performance driven by an outage by a bird contact (61%) and an outage due to a substation equipment problem (29%).</i>			
			Perform accelerated backbone assessment	Complete	Sep-12	
			Install additional main line tap fuse	Complete	Apr-13	
			Replace underground cable in Richmond Commons underground residential distribution	Complete	Jul-13	
			Replace additional underground cable in Richmond Commons underground residential distribution	Complete	Aug-13	
			Install additional tap fuses	Complete	Sep-13	

Met-Ed						
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30	Birdsboro	00757-1	<i>Performance driven by an outage caused by a subtransmission crossarm problem (45%) and tree-caused outages (44%).</i>			2Q2012 3Q2012 4Q2012 1Q2013 2Q2013 3Q2013
			Spot main line tree trimming and removals	Complete	Apr-12	
			Proactive every other month main line forestry inspection	Complete	May-12	
			Replace main line crossarm from assessment	Complete	May-12	
			Spot main line tree trimming and removals	Complete	Jun-12	
			Replace main line crossarm from assessment	Complete	Jun-12	
			Upgrade main line disconnects to gang operated air break switch	Complete	Jun-12	
			Perform accelerated backbone assessment	Complete	Jun-12	
			Perform accelerated three phase assessment	Complete	Jun-12	
			Engineering review for the installation of an additional main line recloser	Complete	Jul-12	
			Complete forestry assessment of three phase for SAIFI analysis	Complete	Sep-12	
			Proactive every other month main line forestry inspection	Complete	Sep-12	
			Spot main line tree trimming and removals	Complete	Oct-12	
			Proactive every other month main line forestry inspection	Complete	Nov-12	
			Spot tree trimming and removals	Complete	Dec-12	
			Proactive every other month main line forestry inspection	Complete	Feb-13	
			Spot tree trimming and removals	Complete	Mar-13	
			Replace additional main line crossarms from assessment	Complete	Apr-13	
			Proactive every other month main line forestry inspection	Complete	Jun-13	
			Complete comprehensive circuit patrol	Complete	Jun-13	
Spot tree trimming and removals	Complete	Aug-13				
Proactive every other month main line forestry inspection	Complete	Sep-13				
Spot tree trimming and removals	To be completed in 2013					
31	Myerstown	00752-2	<i>Performance was driven by lightning and an animal contact outages (78%).</i>			
			Comprehensive tree trimming	Complete	Jul-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
32	W. Boyertown	00715-1	<i>Performance driven by an outage caused by a crossarm problem (67%) and outages caused by underground equipment problems (23%).</i>			
			Comprehensive tree trimming	Complete	Sep-12	
			Comprehensive circuit patrol	Complete	Oct-12	
			Replace main line regulator	Complete	Apr-13	
			Replace submersible transformer with pad mounted transformer	Complete	Jun-13	
			Replace additional submersible transformer with pad mounted transformer	Complete	Jul-13	
33	Hill	00737-4	<i>Performance driven by human error non-company caused outages (43%) and vehicle accident caused outages (45%).</i>			
			Perform accelerated backbone and three phase circuit assessment	Complete	Jun-12	
34	Frystown	00702-2	<i>Performance was driven by line failures and tree caused outages (67%).</i>			2Q2012 3Q2012 4Q2012 3Q2013
			Review step bank fusing	Complete	Apr-12	
			Perform accelerated three phase circuit assessment	Complete	Jun-12	
			Replace crossarm and broken insulators	Complete	Jun-12	
			Perform accelerated backbone circuit assessment	Complete	Jul-13	
			Comprehensive circuit patrol	Complete	Jul-13	
			Replace deteriorated crossarm	Complete	Jul-13	
Install fault indicators at one location	Complete	Aug-13				
35	Lincoln Park	00750-1	<i>Performance was driven by outages caused by underground cable problems in the Grove Ave underground residential development (52%) and an outage caused by a vehicle accident (31%).</i>			
			Replace underground cable in Grove Ave underground residential development	Complete	Aug-13	
			Create back feed to Grove Ave underground residential development	Complete	Aug-13	
36	Orrtanna	00764-4	<i>Performance was driven by a vehicle accident at 18% of circuit minutes, a spacer cable issue at 17% and two overhead conductor issues at 17% of circuit minutes.</i>			
			Install twenty seven faulted circuit indicators at nine locations on the circuit	Complete	Jan-12	
			Comprehensive circuit patrol	Complete	Jun-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
37	N. Bangor	00838-3	<i>Performance was driven by a tree caused outage on 10/29/12 (37% of minutes).</i>			
			Comprehensive circuit patrol	Complete	Jan-13	
			Replace pole identified during circuit patrol	Complete	Mar-13	
			Replace crossarm identified during circuit patrol	Complete	Mar-13	
			Replace arresters identified during circuit patrol	Complete	Mar-13	
			Replace insulators identified during circuit patrol	Complete	Apr-13	
			Replace arresters identified during circuit patrol	Complete	Apr-13	
			Replace arresters identified during circuit patrol	Complete	Aug-13	
38	Myerstown	00750-2	<i>Performance was primarily driven by equipment failure (80%).</i>			
			Comprehensive tree trimming	Complete	Jul-13	
	W. Boyertown	00717-1	<i>Performance was driven by trees non-preventable outages (62%).</i>			2Q2012 3Q2012 4Q2012 1Q2013
			Perform accelerated backbone and three phase assessment	Complete	Jul-12	
			Comprehensive tree trimming	Complete	Oct-12	
			Main line recloser repair from annual inspection	Complete	May-13	
			Install additional main line tap fuses	Complete	Aug-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13	
	Angelica	00129-1	<i>Performance was driven by trees non-preventable outages (43%) and an outage caused by lightning during a severe storm event (41%).</i>			3Q2012 4Q2012 1Q2013 2Q2013
			Complete circuit patrol	Complete	May-12	
			Comprehensive tree trimming on substation source circuit	Complete	Dec-12	
			Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13	
	Mohnton	00123-1	<i>Performance was driven by a trees non-preventable outage during a severe storm event that included a broken pole (82%).</i>			3Q2012 4Q2012 1Q2013 2Q2013
			Comprehensive circuit patrol	Complete	Apr-12	
			Repair sink hole surrounding main line pole	Complete	May-12	
			Replace main line pin insulator	Complete	Apr-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13	
			Upgrade tie switch	Complete	Sep-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Barto	00706-1	<i>Performance driven by two outages during a severe weather event caused by trees (39%) and a transmission substation equipment problem (32%).</i>			3Q2012 4Q2012 1Q2013 2Q2013
			Install additional main line tap fuses	Complete	Apr-12	
			Comprehensive tree trimming	Complete	Apr-12	
			Transmission substation equipment repair	Complete	Jul-12	
			Engineering review for the installation of additional main line reclosers	Complete	Jul-12	
			Spot forestry inspection	Complete	Nov-12	
			Add fault indicators and repair anchor guy on tap	Complete	Mar-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13	
	South Hamburg	00743-1	<i>Performance driven by two outages caused by crossarm problems (46%) and tree non-preventable outages (38%).</i>			3Q2012 4Q2012 1Q2013 2Q2013
			Perform accelerated backbone assessment	Complete	Jul-12	
			Line Manager main line patrol	Complete	Jul-12	
			Main line crossarm replacements	Complete	Jul-12	
			Engineering review for the installation of an additional main line recloser	Complete	Jul-12	
			Comprehensive tree trimming	Complete	Dec-12	
			Replace main line crossarm from backbone assessment	Complete	Jan-13	
			Comprehensive circuit patrol	Complete	Sep-13	
			Replace additional main line crossarms from backbone assessment	To be completed 2013		
	Bern Church	00791-1	<i>Performance was driven by three outages during a severe weather event caused by wind and a tree (90%).</i>			3Q2012 4Q2012 1Q2013 2Q2013
			Install additional main line tap fuses	Complete	Jun-12	
			Spot forestry inspection	Complete	Aug-12	
			Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Mountain	00744-4	<i>Performance driven by trees at 73% of circuit minutes.</i>			3Q2012 4Q2012 1Q2013 2Q2013
			Perform accelerated circuit reliability assessment of main line	Complete	Mar-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Mar-12	
			Perform fuse changes at ten locations to improve circuit coordination	Complete	Jun-12	
			Perform accelerated post storm forestry vegetation assessment	Complete	Jul-12	
			Perform tree work identified during accelerated post storm forestry assessment	Complete	Jul-12	
			Perform follow-up forestry vegetation assessment	Complete	Sep-12	
			Perform tree work identified during follow-up forestry assessment	Complete	Sep-12	
			Perform partial post Hurricane Sandy accelerated circuit reliability assessment of main line	Complete	Nov-12	
			Perform partial post Hurricane Sandy accelerated circuit reliability assessment of three phase	Complete	Nov-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		
	Campbelltown	00634-2	<i>Performance was driven by line failures (92%).</i>			3Q2012 4Q2012 1Q2013 2Q2013
			Comprehensive tree trimming	Complete	Jun-12	
			Accelerated patrol of circuit backbone and three phase	Complete	Aug-12	
			Install fault indicators two locations	Complete	Aug-12	
			Replace recloser on circuit backbone	Complete	Feb-13	
			Replace poles at three locations to improve clearance	Complete	Jun-13	
			Comprehensive circuit patrol	Complete	Jul-13	
	Cly	00722-4	<i>Performance was driven by trees non-preventable outages (84%).</i>			3Q2012 4Q2012 1Q2013 2Q2013
			Install radio controlled switch and radio controlled recloser with fault indicators	Complete	Oct-12	
			Perform accelerated circuit reliability assessment of backbone	Complete	Dec-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Dec-12	
			Perform mid cycle forestry patrol	Complete	Dec-12	
			Forestry to perform on mid cycle backbone circuit tree trimming	Complete	Dec-12	
			Perform accelerated backbone and three phase circuit assessment	Complete	Apr-13	
			Perform accelerated single phase circuit assessment	Complete	Apr-13	
			Replace/repair high priority items identified during circuit patrol	Complete	Aug-13	
			Perform wood pole inspection	To be completed 2013		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Gardners	00752-4	<i>Performance driven by trees at 64% of circuit minutes; and a tractor trailer pole accident at 9% of circuit minutes.</i>			2Q2012 3Q2012 4Q2012 1Q2013
			Perform accelerated circuit reliability assessment of main line	Complete	Apr-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Apr-12	
			Perform accelerated circuit reliability assessment of single phase backbone	Complete	Apr-12	
			Perform post Hurricane Sandy accelerated circuit reliability assessment of main line	Complete	Nov-12	
			Perform post Hurricane Sandy accelerated circuit reliability assessment of three phase	Complete	Nov-12	
			Replace crossarm identified on post Hurricane Sandy accelerated circuit patrol	Complete	Nov-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		
	Collins	00761-2	<i>Performance was primarily driven by tree caused outages (84%) and equipment failure (9%).</i>			3Q2012 4Q2012 1Q2013 2Q2013
			Replace deteriorated crossarm	Complete	Jan-13	
			Comprehensive tree trimming	Complete	Mar-13	
			Replace deteriorated crossarm	Complete	Jul-13	
			Perform accelerated backbone and three phase circuit assessment	To be completed in 2013		
	Bath	00873-3	<i>Performance was driven by a vehicle accident on 9/5/12 which contributed 57% of circuit minutes and non-preventable trees which contributed 17% of minutes.</i>			3Q2012 4Q2012 1Q2013 2Q2013
			Perform accelerated backbone and three phase assessment	Complete	Jan-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		
			Replace porcelain cutouts on circuit backbone with polymer cutouts	To be completed 2013		
	Shawnee	00899-3	<i>Performance was driven by non-preventable trees which contributed 33% of minutes, lightning which contributed 24% of minutes and two motor vehicle accidents which contributed 19% of minutes.</i>			2Q2012 3Q2012 4Q2012 1Q2013 2Q2013
			Comprehensive tree trimming	Complete	Dec-12	
			Install tap fuse on backbone	Complete	Dec-12	
			Forestry to perform on cycle comprehensive circuit tree trimming	Complete	Jan-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Mar-13	
			Engineering to evaluate additional radio controlled switch on circuit	Complete	Sep-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Shawnee	00822-3	<i>Performance was driven by a storm on 9/18/12 which contributed 39% of circuit minutes.</i>			
			Replace three sets of fault indicators	Complete	Aug-12	
			Repair conditioned items from circuit assessment	Complete	Sep-12	
			Install fault indicators	Complete	May-13	
			Replace pole with woodpecker damage	Complete	Jul-13	
			Replace pole with woodpecker damage	Complete	Jul-13	
			Upgrade recloser from form three control to form six control	Complete	Jun-13	
			Perform accelerated backbone and three phase circuit assessment	To be completed in 2013		
	N. Bangor	00814-3	<i>Performance was driven by an outage of unknown cause during a storm on 8/4/12 which contributed 48% of minutes and trees during a storm on 1/31/13 which contributed 26% of minutes.</i>			
			Perform wood pole inspection	Complete	Apr-13	
			Install two Supervisory Control And Data Acquisition (SCADA) switches	To be completed 2013		
	Violet Hill	00524-4	<i>Performance driven by tree non-preventable outages (51%) and one vehicle accident (26%).</i>			
			Comprehensive tree trimming	Complete	Nov-12	
			Perform accelerated circuit reliability assessment of backbone	Complete	Apr-13	
			Perform accelerated circuit reliability assessment of three phase	Complete	Apr-13	
			Perform accelerated circuit reliability assessment of single phase	Complete	Apr-13	
			Replace pole identified during wood pole inspection	Complete	Aug-13	
			Replace/repair high priority items identified during circuit patrol	Complete	Aug-13	
	Swatara Hill	00764-2	<i>Performance was primarily driven by vehicle accidents (55%), outages of unknown origins (18%), equipment failure (14%) and line failures (8%).</i>			
			Perform accelerated backbone and three phase circuit assessment	Complete	May-12	
			Replace deteriorated crossarm	Complete	Nov-12	
			Replace deteriorated crossarm	Complete	Nov-12	
			Comprehensive tree trimming	Complete	Apr-13	
			Perform accelerated backbone circuit assessment	To be completed 2013		
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Yorkana	00708-4	<i>Performance driven by tree cause outage (63% of minutes).</i>			1Q2012 2Q2012 3Q2012 4Q2012
			Perform accelerated circuit reliability assessment of backbone	Complete	May-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	May-12	
			Forestry to perform on cycle comprehensive circuit tree trimming	Complete	May-12	
			Personal letter to be sent to each customer on this circuit explaining reliability improvements	Complete	May-12	
			Reconfigure circuit to minimize line exposure	Complete	May-12	
			Perform accelerated single phase assessment	Complete	Jun-12	
			Perform accelerated backbone and three phase circuit assessment	Complete	Jun-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		
	Grantville	00720-2	<i>Performance was primarily driven by tree caused damage (38%), equipment damage (37%) and a scissor lift contacting the line (16%).</i>			
			Repair pole top	Complete	Mar-13	
			Perform wood pole inspection	Complete	Mar-13	
			Replace recloser with new triple-single unit	Complete	May-13	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		
			Comprehensive tree trimming	To be completed 2013		
	Frystown	00701-2	<i>Performance was primarily driven by equipment failure (29%), line failure (21%), tree caused damage (22%), outages of unknown origin (16%) and motor vehicle accidents (6%).</i>			
			Repair broken switch 75966 and return load to Stouchburg substation	Complete	Jun-13	
			Comprehensive circuit patrol	Complete	Jul-13	
			Replace insulators on three phase at one location	Complete	Jul-13	
	Ringing Rocks	00708-1	<i>Performance driven by a vehicle accident (52%) and trees non-preventable outages (17%).</i>			
			Complete forestry assessment of three phase for SAIFI analysis	Complete	May-12	
			Complete accelerated backbone and three phase assessment for SAIFI analysis	Complete	Jun-12	
			Install additional main line tap fuses	Complete	Aug-12	
			Spot forestry inspection	Complete	Nov-12	
			Comprehensive tree trimming	Complete	Mar-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Allen	00503-4	<i>Performance was driven by trees at 49% of circuit minutes and a vehicle related outage accounting for 22%.</i>			
			Perform fuse changes at five locations to improve circuit coordination	Complete	Jun-12	
			Perform accelerated circuit reliability assessment of main line	Complete	Sep-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Sep-12	
			Perform accelerated backbone circuit assessment	To be completed 2013		
	Dillsburg	00749-4	<i>Performance was driven by trees at 79% of circuit minutes. One tree related outage accounted for 68% of the circuit's minutes.</i>			
			Replace/repair high priority items identified during circuit patrol	Complete	Mar-12	
			Perform replacement of five priority one poles	Complete	Mar-12	
			Perform accelerated circuit reliability assessment of main line	Complete	May-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	May-12	
			Replace/repair high priority item identified during circuit patrol	Complete	Nov-12	
	Birchwood	00624-3	<i>Performance was driven by a vehicle accident on 4/9/12 which contributed 42% of circuit minutes and an insulator failure on 5/4/12 which contributed 48% of circuit minutes.</i>			
			Perform accelerated backbone circuit assessment	Complete	Oct-13	
	Belfast	00772-2	<i>Performance was driven by a conductor problem on 8/4/12 which contributed 45% of circuit minutes and non-preventable trees which contributed 36% of circuit minutes.</i>			
			Perform accelerated backbone circuit assessment	Complete	Sep-13	
			Comprehensive tree trimming	Complete	Jun-13	
	Glendon	00818-3	<i>Performance driven by lightning which contributed 45% of circuit minutes, equipment failure which contributed 31% of minutes and line failure which contributed 14% of minutes.</i>			
			Perform accelerated backbone and three phase assessment	Complete	Mar-12	
			Reconductor three spans of main line	Complete	Dec-12	
			Perform accelerated backbone and three phase circuit assessment	Complete	Jan-13	
			Reconductor three spans of main line	Complete	Sep-13	
			Comprehensive tree trimming	Complete	Sep-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Dillsburg	00746-4	<i>Performance was driven by a conductor problem that accounted for 63% of circuit minutes and a tree related outage that accounted for 17% of the circuit minutes.</i>			
			Perform fuse changes at five locations to improve circuit coordination	Complete	Jun-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Aug-12	
			Perform accelerated backbone assessment	Complete	Aug-12	
			Replace high priority items identified during circuit patrol	Complete	Dec-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		
	Lynnville	00737-1	<i>Performance driven by trees non-preventable outages (68%).</i>			
			Replace main line recloser battery	Complete	May-12	
			Perform accelerated backbone and three phase assessment	Complete	Jul-12	
			Complete engineering main line coordination study	Complete	Jan-13	
			Comprehensive tree trimming	Complete	Sep-13	
			Perform accelerated backbone and three phase assessment	To be completed 2013		
	Bernville	00786-1	<i>Performance was driven by two outages related to a vehicle accident (67%) and an outage caused by lightning (18%).</i>			
			Replace main line crossarm from backbone assessment	Complete	Apr-12	
			Replace additional main line porcelain cutouts with polymer cutouts	Complete	Apr-12	
			Comprehensive circuit patrol	Complete	Apr-12	
			Install main line recloser	Complete	May-12	
			Spot forestry inspection	Complete	Nov-12	
			Install additional main line tap fuses	Complete	Dec-12	
			Perform wood pole inspection	Complete	Mar-13	
			Pole replacements from pole inspections	Complete	May-13	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		
			Comprehensive tree trimming	To be completed 2013		
	Bernville	00787-1	<i>Performance driven by trees non-preventable outages (70%).</i>			
			Comprehensive circuit patrol	Complete	Apr-12	
			Replace crossarms from circuit assessment	Complete	Apr-12	
			Replace batteries on main line reclosers	Complete	Jun-12	
			Replace arresters on main line recloser	Complete	Dec-12	
			Comprehensive tree trimming	Complete	Mar-13	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	N. Lebanon	00715-2	<i>Performance was primarily driven by wind caused damage (62%) and vehicle accidents (32%).</i>			
			Perform accelerated backbone and three phase circuit assessment	Complete	Jun-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		
			Comprehensive tree trimming	To be completed 2013		
	S. Lebanon	00772-2	<i>Performance was primarily driven by vehicle accidents (57%), tree caused damage (21%) and forced outages (16%).</i>			
			Perform accelerated three phase circuit assessment	Complete	Jul-12	
			Perform accelerated backbone assessment	Complete	Jul-12	
			Install fault indicators at two locations	Complete	Aug-13	
			Replace deteriorated crossarm	Complete	Jul-13	
			Perform accelerated backbone and three phase circuit assessment	To be completed 2013		
	Carsonia	00171-1	<i>Performance was driven by an outage caused by line failure while circuit was used as an alternate source (33%), an outage caused by lightning during a severe storm event (31%) and an outage caused by a fuse holder problem (23%).</i>			
			Perform accelerated backbone assessment	Complete	Sep-12	
			Create new circuit tie	Complete	Mar-13	
			Perform accelerated backbone assessment	Complete	Sep-13	
	Lyons	00729-1	<i>Performance was driven by trees non-preventable outages (66%) and an outage caused by a fuse holder problem (20%).</i>			
			Comprehensive tree trimming	Complete	Nov-12	
			Main line forestry inspection	Complete	Nov-12	
			Comprehensive circuit patrol	Complete	May-13	
	Baldy	00736-1	<i>Performance driven by an outage during a severe storm event where no permanent condition was identified (42%) and trees non-preventable outages (39%).</i>			
			Replace main line crossarms from comprehensive patrol	Complete	Jun-12	
			Engineering review for the installation of an additional main line recloser	Complete	Jul-12	
			Comprehensive tree trimming	Complete	Dec-12	
			Install new main line recloser	Complete	May-13	
			Upgrade and relocate existing main line recloser	Complete	May-13	
			Perform accelerated backbone and three phase circuit assessment	Complete	Sep-13	

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Friedensburg	00769-1	<i>Performance driven by an outage caused by an arrester problem (35%), outages caused by lightning (30%) and a vehicle accident (13%).</i>			
			Replace crossarms from circuit assessment	Complete	Feb-12	
			Perform accelerated backbone and three phase assessment	Complete	Jul-12	
			Install additional main line disconnects and fault indicators at one location	Complete	Sep-13	
	Shawnee	00837-3	<i>Performance was driven by non-preventable trees, with 63% of circuit minutes due to single storm on 7/7/11.</i>			
			Forestry to perform on cycle comprehensive circuit tree trimming	Complete	Jan-12	
			Perform accelerated backbone and three phase assessment	Complete	Jan-12	
			Comprehensive circuit patrol	Complete	Mar-13	
	Yoe	00559-4	<i>Performance was driven by a line failure caused outages (82% of minutes).</i>			
			Perform mid-cycle forestry patrol.	Complete	Aug-12	
			Replace/repair high priority items identified during circuit patrol	Complete	Oct-12	
			Comprehensive circuit patrol	To be completed 2013		
	Windsor	00797-4	<i>Performance was driven by non-preventable tree caused outages (61% of minutes).</i>			
			Install additional fusing on the circuit	Complete	Mar-12	
			Install additional fusing on the circuit	Complete	Mar-12	
			Perform accelerated circuit reliability assessment of backbone	Complete	Jun-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Jun-12	
			Replace/repair high priority items identified during circuit patrol	Complete	Dec-12	
			Comprehensive tree trimming	Complete	Nov-12	
			Perform accelerated circuit reliability assessment of backbone	Complete	Dec-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Dec-12	
			Comprehensive circuit patrol	Complete	Mar-13	
			Replace/repair high priority items identified during circuit patrol	Complete	May-13	
	Mountain	00742-4	<i>Performance driven by overhead conductor problems that accounted for 34% of circuit minutes, underground cable problems at 24% of circuit minutes, and trees that accounted for 16% of circuit minutes.</i>			
			Perform accelerated circuit reliability assessment of main line	Complete	Mar-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Mar-12	
			Replace/repair high priority items identified during circuit patrol	Complete	Apr-12	
			Replace three spans of underground primary cable	Complete	Jul-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed in 2013		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Mountain	00743-4	<i>Performance driven by a conductor problem that accounted for 53% of circuit minutes and trees that accounted for 35% of circuit minutes.</i>			
			Replace recloser damaged during storm	Complete	Jan-12	
			Perform accelerated circuit reliability assessment of main line	Complete	Mar-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Mar-12	
			Replace/Repair high priority item identified during circuit patrol	Complete	May-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed in 2013		
	North Cornwall	00610-2	<i>Performance was driven by vehicle accidents (31%), tree damage (34%) and an outage of unknown origin (33%).</i>			
			Comprehensive tree trimming	Complete	Dec-12	
			Replace deteriorating insulator	To be completed in 2013		
	Grantville	00721-2	<i>Performance was primarily driven by tree caused outages (70%), equipment failure (14%) and avian caused outages (8%).</i>			
			Perform accelerated backbone assessment	Complete	Jul-12	
			Perform accelerated three phase circuit assessment	Complete	Jul-12	
			Correct four coordination issues	Complete	Oct-12	
			Relocate recloser 72132	Complete	Aug-13	
			Perform accelerated backbone and three phase circuit assessment	To be completed in 2013		
			Comprehensive tree trimming	To be completed in 2013		
	South Lebanon	00780-2	<i>Performance was driven by an outage of unknown origin (92%) and conductor failure (6%).</i>			
			Perform accelerated three phase circuit assessment	Complete	Jul-12	
			Perform accelerated backbone assessment	Complete	Jul-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed in 2013		
			Install fault indicators at two locations	To be completed in 2013		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Windsor	00796-4	<i>Performance was driven by non-preventable tree caused outages (43% of minutes) and one vehicle caused outage (26% of minutes).</i>			
			Install additional fusing on the circuit	Complete	Mar-12	
			Perform accelerated circuit reliability assessment of backbone	Complete	May-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	May-12	
			Install additional fuse on the circuit	Complete	Mar-12	
			Comprehensive tree trimming	Complete	Dec-12	
			Comprehensive circuit patrol	Complete	Feb-13	
	Glades	00580-4	<i>Performance driven by one outage caused by customer equipment failure (64% of minutes).</i>			
			Install additional fuse on the circuit	Complete	Feb-12	
			Install an additional main line recloser.	Complete	May-12	
			Perform accelerated circuit reliability assessment of backbone	Complete	Aug-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Aug-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed in 2013		
	Swatara Hill	00763-2	<i>Performance was driven by equipment failures (46%) and lightning damage (34%).</i>			
			Perform accelerated backbone assessment	Complete	Apr-12	
			Repair broken insulator on three phase	Complete	Jul-12	
			Accelerated circuit assessment three phase	Complete	Apr-12	
			Balance load beyond recloser 76342	Complete	Sep-12	
			Perform accelerated backbone and three phase circuit assessment	To be completed in 2013		

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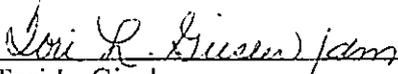
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Service by first class mail, as follows:

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Dated: November 1, 2013



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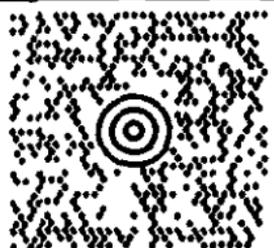
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