



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

610-929-3601

October 16, 2012

**RECEIVED**

OCT 16 2012

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
P.O. Box 3265  
Harrisburg, PA 17120

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

L-00030161

Re: Supplemental Submission - Joint 2<sup>nd</sup> Quarter 2012 Reliability Report – Pennsylvania Power Company, Pennsylvania Electric Company and Metropolitan Edison Company - Pursuant to 52 Pa. Code § 57.195 (d) and (e) – Public Version

Dear Secretary Chiavetta,

Enclosed for filing on behalf of Pennsylvania Power Company, Pennsylvania Electric Company, and Metropolitan Edison Company (collectively, the “Companies”) is their Joint 2<sup>nd</sup> Quarter 2012 Reliability Report – Public Version (“Joint Report”), pursuant to 52 Pa. Code § 57.195(d) and (e). Please date-stamp and return the additional copy in the enclosed postage-paid, addressed envelope for the Companies’ files. The Companies stated in their August 1, 2012 filing of the report that a supplemental report would be submitted following a final order on Penelec’s August 1, 2012 Request for Major Event Exclusion, filed at Docket No. M-2012-2317189. A Secretarial Letter was issued in this matter on August 20, 2012. Therefore, Penelec is now hereby submitting this supplemental filing which provides changes to the Major Events, Reliability Index Values, Worst Performing Circuits and Outage by Cause sections for Penelec. For the Commission’s convenience, Penelec is providing clean copies of those pages which have been updated, as well as copies of the revised report in its entirety.

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,

Douglas S. Elliott  
President, Pennsylvania Operations  
(610) 921-6060  
elliottd@firstenergycorp.com

RECEIVED

OCT 16 2012



PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU



**REVISED Joint 2012 2<sup>nd</sup> Quarter  
Reliability Report**

**Pennsylvania Power Company,  
Pennsylvania Electric Company and  
Metropolitan Edison Company**

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

**Joint 2<sup>nd</sup> Quarter 2012 Reliability Report –  
Pennsylvania Power Company,  
Pennsylvania Electric Company and  
Metropolitan Edison Company**

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

*Major Events*

The Companies did not experience a major event during the period ending June 30, 2012.

---

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

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

*Reliability Index Values*

2Q 2012 (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	1.22	1.26	1.52	1.34	1.15	1.38	1.12
CAIDI	101	121	99	117	141	184 <sup>2</sup>	117	140	112
SAIDI	113	162	121	148	213	246 <sup>2</sup>	135	194	125
Customers Served <sup>3</sup>	158,150			585,251			547,305		
Number of Sustained Interruptions	3,336			12,580			8,026		
Customers Affected	192,470			783,472			611,182		
Customer Minutes	19,057,605			144,051,587			68,178,426		

<sup>2</sup> Penelec's higher-than-normal CAIDI and SAIDI are directly attributed to two non-excludable events (Hurricane Irene and the Memorial Day storm).

<sup>3</sup> Represents the average number of customers served during the reporting period.

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

### *Worst Performing Circuits – Reliability Indices*

The methodology the Companies use 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.

*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 Action*

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

Blank Page

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

## Outages by Cause

### Outages by Cause – Penn Power

Outages by Cause				
2nd Quarter 2012 12-Month Rolling	Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
LIGHTNING	3,015,634	762	24,931	22.84%
TREES/NOT PREVENTABLE	6,198,086	630	36,783	18.88%
ANIMAL	1,108,008	478	14,522	14.33%
EQUIPMENT FAILURE	2,565,447	321	38,667	9.62%
LINE FAILURE	2,938,666	316	19,532	9.47%
BIRD	312,816	302	3,935	9.05%
OVERLOAD	404,179	101	4,776	3.03%
PREVIOUS LIGHTNING	56,761	83	565	2.49%
VEHICLE	674,334	78	6,715	2.34%
UNKNOWN	342,079	74	3,943	2.22%
FORCED OUTAGE	126,476	53	4,398	1.59%
HUMAN ERROR - COMPANY	666,837	38	28,933	1.14%
HUMAN ERROR -NON-COMPANY	278,110	36	1,539	1.08%
TREES/PREVENTABLE	21,166	24	189	0.72%
CUSTOMER EQUIPMENT	242,852	13	1,474	0.39%
OBJECT CONTACT WITH LINE	19,744	11	180	0.33%
FIRE	66,142	5	1,251	0.15%
UG DIG-UP	3,351	5	33	0.15%
CONTAMINATION	764	2	3	0.06%
VANDALISM	4,015	2	11	0.06%
CALL ERROR	11,088	1	84	0.03%
OTHER UTILITY-NON ELEC	1,050	1	6	0.03%
<b>TOTAL</b>	<b>19,057,605</b>	<b>3,336</b>	<b>192,470</b>	<b>100.00%</b>

## Proposed Solutions – Penn Power

### Lightning

The number of lightning-caused outages is mitigated through Penn Power's reliability improvement strategy. This includes inspection and maintenance practices such as circuit inspections and annual main feed inspections. These inspections can locate blown lightning arresters, broken grounds, and other conditions which could lead to higher lightning-caused outages. Substations also contain lightning protection through equipment such as line 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 Non-Preventable

Forestry Services reviews the "Trees Non-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. In addition, Penn Power installs animal guards on new overhead transformers.

Outages by Cause – Penelec

<b>Outages by Cause</b>				
<b>2nd Quarter 2012 12-Month Rolling</b>	<b>Penelec</b>			
<b>Cause</b>	<b>Customer Minutes</b>	<b>Number of Sustained Interruptions</b>	<b>Customers Affected</b>	<b>% Based on Number of Outages</b>
EQUIPMENT FAILURE	30,372,336	3,432	223,084	27.28%
TREES/NOT PREVENTABLE	62,810,328	2,075	160,445	16.49%
UNKNOWN	12,746,630	2,020	108,349	16.06%
ANIMAL	2,200,927	1,184	20,756	9.41%
LINE FAILURE	16,913,903	935	119,342	7.43%
LIGHTNING	4,898,742	769	42,995	6.11%
FORCED OUTAGE	2,878,038	637	34,814	5.06%
VEHICLE	5,310,314	376	34,456	2.99%
BIRD	620,178	289	4,680	2.30%
OVERLOAD	1,622,887	194	12,351	1.54%
HUMAN ERROR - COMPANY	123,141	161	2,247	1.28%
HUMAN ERROR -NON-COMPANY	792,223	105	7,437	0.83%
OTHER ELECTRIC UTILITY	892,145	83	1,470	0.66%
ICE	721,966	67	1,803	0.53%
PREVIOUS LIGHTNING	38,222	60	1,425	0.48%
UG DIG-UP	75,285	59	521	0.47%
TREES/PREVENTABLE	154,353	49	608	0.39%
OBJECT CONTACT WITH LINE	230,579	30	1,797	0.24%
CUSTOMER EQUIPMENT	109,395	20	2,502	0.16%
FIRE	102,228	11	354	0.09%
VANDALISM	330,944	11	854	0.09%
OTHER UTILITY-NON ELEC	105,458	8	1,173	0.06%
CONTAMINATION	1,365	5	9	0.04%
<b>Total</b>	<b>144,051,587</b>	<b>12,580</b>	<b>783,472</b>	<b>100%</b>

## Proposed Solutions – Penelec

### Equipment Failure

Porcelain cutout failures represent approximately one-third of the equipment failure outages in Penelec's territory. To address this cause, Penelec has been replacing porcelain cutouts with polymer cutouts on the main feed three-phase backbone of circuits since 2009.

In addition, inspection and maintenance practices, such as overhead circuit inspections, identify and correct potential equipment-related problems before they cause an outage. Penelec's entire main feed three-phase backbone system has been inspected at least once since 2008 and is currently on a five-year cycle of inspections. 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.

### Trees Non-Preventable

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

### 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.

Outages by Cause – Met-Ed

<b>Outages by Cause</b>				
<b>2nd Quarter 2012 12-Month Rolling</b>	<b>Met-Ed</b>			
<b>Cause</b>	<b>Customer Minutes</b>	<b>Number of Sustained Interruptions</b>	<b>Customers Affected</b>	<b>% Based on Number of Outages</b>
EQUIPMENT FAILURE	16,144,047	2,163	154,990	26.95%
TREES - NOT PREVENTABLE	19,909,123	1,516	132,212	18.89%
ANIMAL	2,398,575	977	24,575	12.17%
UNKNOWN	3,902,074	911	51,033	11.35%
LIGHTNING	3,886,383	586	30,478	7.30%
LINE FAILURE	6,321,993	555	33,565	6.92%
FORCED OUTAGE	3,565,548	364	65,278	4.54%
VEHICLE	6,968,779	278	55,813	3.46%
BIRD	312,012	171	4,528	2.13%
TREES - PREVENTABLE	1,069,387	167	5,771	2.08%
HUMAN ERROR -NON-COMPANY	460,191	74	3,528	0.92%
OVERLOAD	824,785	57	6,554	0.71%
HUMAN ERROR - COMPANY	325,586	56	21,987	0.70%
PREVIOUS LIGHTNING	27,350	49	234	0.61%
UG DIG-UP	143,167	26	2,001	0.32%
OBJECT CONTACT WITH LINE	450,294	21	6,048	0.26%
CUSTOMER EQUIPMENT	353,468	16	3,047	0.20%
VANDALISM	340,493	13	3,571	0.16%
FIRE	101,370	10	1,008	0.12%
OTHER ELECTRIC UTILITY	92,085	6	2,050	0.07%
WIND	574,157	4	2,878	0.05%
CONTAMINATION	1,875	3	5	0.04%
OTHER UTILITY-NON ELEC	5,684	3	28	0.04%
<b>TOTAL</b>	<b>68,178,426</b>	<b>8,026</b>	<b>611,182</b>	<b>100%</b>

## 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.

### Trees Non-Preventable

Forestry Services reviews areas where "Trees Non-Preventable" outages occur to see if there has been a high frequency of occurrence. 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 the Danger/Priority Tree program, circuits identified by the Engineering Department 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 identify any potentially dangerous tree conditions. If the tree cannot be removed, overhang at the location is removed.

### 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.

*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 2012		Penn Power			Penelec			Met-Ed		
		Planned	Completed		Planned	Completed		Planned	Completed	
		Annual	2Q	YTD	Annual	2Q	YTD	Annual	2Q	YTD
Forestry	Transmission (Miles)	69.90	0	0	677.85	26.26	26.26	343.90	91.90	116.03
	Distribution (Miles)	1,115	248	572	4,868	1,407	2,518	3,088	655	1,323
Transmission	Aerial Patrols	2	1	2	2	0	1	2	0	1
	Groundline <sup>4</sup>	0	0	0	2,658	166	166	0	0	0
Substation	General Inspections	967 <sup>5</sup>	241	481	5,004	1,251	2,502	2,628 <sup>6</sup>	658	1,315
	Transformers	124	62	122	787	140	758	349	128	288
	Breakers	75	23	67	696	191	513	227	77	123
	Relay Schemes	110	25	47	477	120	297	445	235	281
Distribution	Capacitors	1,000	0	1,007	8,676	0	8,676	4,668	0	4,668
	Poles	10,500	7,892	7,892	41,111	12,485	26,578	28,433	663	28,695
	Reclosers	760	760	760	2,577	0	0	976	56	606
	Radio-Controlled Switches	Penn Power has no radio-controlled switches			2,272 <sup>7</sup>	1,136	1,136	118	33	59

General Note:

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

<sup>4</sup> Transmission groundline inspections:

- Penn Power includes 69kV and 138kV
- Penelec includes 115kV
- Met-Ed includes 69kV, 115kV and 230 kV

<sup>5</sup> Planned number changed to 967 as one new substation was energized

<sup>6</sup> Planned number changed to 2,628 as two new substations were energized

<sup>7</sup> Plan number changed from 2,244 to 2,272 as fourteen new units were installed and will be inspected this year

*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 or FERC account code as available. (For first, second and third quarter reports only).*

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

T&D O&M 2012						
Company	FERC	Q2 Actuals	Q2 Budget	Q2 YTD Actuals	Q2 YTD Budget	Annual Budget
Penn Power	560 Operation Supervision and Engineering	(3)		(3)		
	561 Load Dispatching	16,861	21,952	37,711	44,920	89,239
	562 Station Expenses					
	563 Overhead Lines Expenses					
	565 Transmission of Electricity by Others	2,402,939	474,131	2,917,133	947,929	1,899,644
	566 Miscellaneous Transmission Expenses	5,428	2,326	6,900	4,861	8,223
	567 Rents	-		1		-
	568 Maintenance Supervision and Engineering	3,546	(280)	5,444	920	833
	569 Maintenance of Structures	6,831	24,013	14,217	38,682	74,221
	570 Maintenance of Station Equipment	1,018	17,671	1,548	32,244	60,867
	571 Maintenance of Overhead Lines	44,771	3,985	57,375	10,253	29,187
	573 Maintenance of Miscellaneous Transmission Plant	148	7	(542)	7	7
	575 Market Administration, Monitoring & Compliance Sys	4,924	17,260	11,107	34,521	69,041
	580 Operation Supervision and Engineering	34,652		34,717		-
	581 Load Dispatching					
	582 Station Expenses	2,822	8,739	9,088	17,395	35,541
	583 Overhead Line Expenses	13,907		19,436		-
	584 Underground Line Expenses	924	59,812	5,280	129,201	330,007
	586 Meter Expenses	10,954	16,016	26,432	32,761	66,297
	587 Customer Installations Expenses					
	588 Miscellaneous Dx Expenses	160,231	116,362	353,261	65,160	268,821
	589 Rents	79,564	79,297	161,719	158,631	317,191
	590 Maintenance Supervision and Engineering	20,746	(5,706)	28,640	(670)	(8,109)
	591 Maintenance of Structures					
	592 Maintenance of Station Equipment	256,856	87,278	494,952	162,577	362,451
	593 Maintenance of Overhead Lines	1,298,679	1,413,973	3,169,261	2,648,928	5,041,000
	594 Maintenance of Underground Lines	366,866		603,683		-
	595 Maint. Line Transformer	45		45		
	596 Maintenance of Street Lighting and Signal Systems	86,487	89,516	176,177	177,942	286,350
	597 Maintenance of Meters	206,724	168,834	397,633	344,037	706,228
598 Maintenance of Miscellaneous Distribution Plant	95,513	132,803	161,502	213,888	410,553	
<b>Penn Power Total</b>		<b>5,121,432</b>	<b>2,727,991</b>	<b>8,692,717</b>	<b>5,064,187</b>	<b>10,047,590</b>

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

T&D O&M 2012						
Company	FERC	Q2 Actuals	Q2 Budget	Q2 YTD Actuals	Q2 YTD Budget	Annual Budget
Penelec	560 Operation Supervision and Engineering	7,611	7,519	20,817	16,103	32,351
	561 Load Dispatching	173,653	237,227	436,074	505,324	1,017,731
	562 Station Expenses	8,176		9,935		
	563 Overhead Lines Expenses	53,137	2,827	129,591	254,123	286,854
	565 Transmission of Electricity by Others	369,193	731,896	683,632	1,545,251	3,414,084
	566 Miscellaneous Transmission Expenses	258,641	142,596	360,490	292,717	571,571
	567 Rents	655,736	639,062	1,306,116	1,280,557	2,561,075
	568 Maintenance Supervision and Engineering	88,010	(17,283)	141,068	(5,093)	(1,963)
	569 Maintenance of Structures	94,422	131,253	193,213	212,175	406,381
	570 Maintenance of Station Equipment	398,887	121,213	959,225	243,085	475,943
	571 Maintenance of Overhead Lines	1,795,026	1,850,506	3,088,442	3,527,087	7,182,351
	573 Maintenance of Miscellaneous Transmission Plant	11,796		21,767		
	575 Market Administration, Monitoring & Compliance Sys	12,267	14,354	31,118	29,934	59,220
	580 Operation Supervision and Engineering	85,755	109,981	250,772	244,949	498,361
	581 Load Dispatching	136,571	166,244	311,189	357,068	720,058
	582 Station Expenses	21,548		35,430		
	583 Overhead Line Expenses	8,511	33,962	17,779	48,125	72,521
	584 Underground Line Expenses	439		1,479		
	584 Underground Line Expenses	196		196		
	586 Meter Expenses	116,663	170,729	232,993	336,710	681,777
	587 Customer Installations Expenses					
	588 Miscellaneous Dx Expenses	2,652,904	1,000,497	4,147,123	1,587,522	3,357,893
	589 Rents	385,515	404,067	815,072	808,133	1,616,266
	590 Maintenance Supervision and Engineering	100,213	(23,423)	144,728	16,201	(10,910)
	591 Maintenance of Structures					
	592 Maintenance of Station Equipment	984,628	1,772,455	2,112,816	3,397,188	6,600,832
	593 Maintenance of Overhead Lines	8,449,097	3,613,751	14,829,412	7,056,348	13,288,148
	594 Maintenance of Underground Lines	476,403	182,313	1,399,262	364,626	729,250
	595 Maint. Line Transformer					
	596 Maintenance of Street Lighting and Signal Systems	211,813	446,893	552,843	1,036,748	1,919,895
597 Maintenance of Meters	602,457	542,661	1,174,465	1,036,670	2,125,364	
598 Maintenance of Miscellaneous Distribution Plant	570,465	750,147	1,136,870	1,212,938	2,323,975	
<b>Penelec Total</b>		<b>18,729,735</b>	<b>13,031,447</b>	<b>34,543,918</b>	<b>25,404,487</b>	<b>49,929,027</b>
Met-Ed	560 Operation Supervision and Engineering	6,294	6,283	17,328	13,455	27,031
	561 Load Dispatching	542,495	595,771	1,146,823	1,252,892	2,522,469
	562 Station Expenses	12,330		20,943		
	563 Overhead Lines Expenses	10,604	10,760	14,371	16,368	18,968
	565 Transmission of Electricity by Others	570,304	1,306,399	1,207,838	2,709,174	5,831,266
	566 Miscellaneous Transmission Expenses	451,905	199,032	608,631	407,866	799,486
	567 Rents	67,558	73,062	135,119	146,124	292,248
	568 Maintenance Supervision and Engineering	149,544	(20,021)	218,714	(7,533)	(8,873)
	569 Maintenance of Structures	94,240	148,029	185,444	241,847	459,423
	570 Maintenance of Station Equipment	410,258	454,801	703,181	905,970	1,804,932
	571 Maintenance of Overhead Lines	2,140,113	977,554	3,783,308	1,907,939	3,837,339
	572 Maintenance of Underground Lines	-	351			
	573 Maintenance of Miscellaneous Transmission Plant	13,903		16,509		
	575 Market Administration, Monitoring & Compliance Sys	14,952	20,631	39,619	42,814	85,180
	580 Operation Supervision and Engineering	76,609	67,786	180,248	141,595	306,496
	581 Load Dispatching	133,613	116,036	260,256	243,684	493,467
	582 Station Expenses	249,091	309,206	308,868	420,757	907,920
	583 Overhead Line Expenses	3,317	17,215	23,498	310,183	317,761
	584 Underground Line Expenses	-	153,900	2,901	307,800	615,761
	586 Meter Expenses	107,932	131,780	214,673	263,541	537,220
	587 Customer Installations Expenses					
	588 Miscellaneous Dx Expenses	1,731,867	1,172,419	2,987,992	1,676,000	4,019,105
	589 Rents	130,433	128,259	269,567	256,518	513,036
	590 Maintenance Supervision and Engineering	106,377	(26,363)	155,451	16,915	(13,732)
	591 Maintenance of Structures	(5)	2,434	2,960	4,797	9,849
	592 Maintenance of Station Equipment	944,384	586,117	1,752,562	1,175,231	2,353,814
	593 Maintenance of Overhead Lines	3,437,849	3,835,406	9,174,144	7,528,848	15,014,077
	594 Maintenance of Underground Lines	539,630	175,545	1,455,679	356,558	719,121
	595 Maint. Line Transformer					
	596 Maintenance of Street Lighting and Signal Systems	219,101	180,089	381,425	354,856	708,242
597 Maintenance of Meters	581,648	505,295	1,136,883	996,053	1,997,646	
598 Maintenance of Miscellaneous Distribution Plant	518,050	1,051,902	1,070,837	1,797,108	3,461,668	
<b>Met-Ed Total</b>		<b>13,264,396</b>	<b>12,179,327</b>	<b>27,476,120</b>	<b>23,487,359</b>	<b>47,630,920</b>

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

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

<b>T&amp;D Capital - 2012</b>						
<b>Company</b>	<b>Investment Reason</b>	<b>Q2 Actuals</b>	<b>Q2 Budget</b>	<b>Q2 YTD Actuals</b>	<b>Q2 YTD Budget</b>	<b>Annual Budget</b>
<b>Penn Power</b>	Capacity	(452,018)	181,760	(421,975)	362,185	393,045
	Condition	404,839	444,087	958,192	863,511	1,847,979
	Facilities	827	-	827	-	-
	Forced	1,759,221	1,617,916	2,853,987	3,206,141	6,172,581
	Meter Related	127,570	4,854	251,883	5,264	22,241
	New Business	1,186,741	598,349	2,454,948	1,138,327	2,127,954
	Other	536,086	592,478	886,721	1,299,703	2,539,343
	Reliability	212,244	343,373	182,409	1,207,288	2,711,126
	Street Light	19,143	62,103	79,142	140,091	288,418
	Tools & Equip	78,440	12,275	236,974	18,313	39,979
	Vegetation Mgt.	1,292,007	1,399,831	2,789,149	2,925,846	5,725,011
<b>Penn Power Total</b>		<b>5,165,100</b>	<b>5,257,027</b>	<b>10,272,257</b>	<b>11,166,667</b>	<b>21,867,675</b>
<b>Penelec</b>	Billable	-	-	0	-	-
	Capacity	1,295,463	5,116,098	6,186,915	10,295,476	20,753,889
	Condition	2,003,588	5,054,172	4,650,352	8,512,456	17,239,082
	Facilities	156,928	28,464	282,329	56,929	113,857
	Fix It Now	137,305	-	229,848	-	-
	Forced	7,451,302	7,934,066	13,107,255	13,452,028	26,027,454
	Jobbing & Contracting	22	-	176	-	-
	Meter Related	580,243	869,884	1,254,235	1,750,012	3,500,023
	New Business	2,757,675	2,723,441	6,333,083	5,212,913	11,936,842
	O&M	1,150,452	694,381	2,181,072	1,260,241	2,673,694
	Other	5,169,701	2,059,032	8,757,454	5,867,288	8,935,781
	Reliability	3,263,550	6,987,501	5,275,995	13,025,603	25,330,322
	Street Light	160,295	455,536	551,195	927,697	1,855,394
	Tools & Equip	194,210	120,852	336,046	230,527	450,485
Vegetation Mgt.	6,251,430	5,445,413	12,515,058	10,900,075	21,820,032	
<b>Penelec Total</b>		<b>29,284,383</b>	<b>36,794,458</b>	<b>59,249,916</b>	<b>70,231,002</b>	<b>137,963,162</b>
<b>Met-Ed</b>	Billable	(31)	-	(30)	-	-
	Capacity	525,115	2,481,087	3,926,982	5,264,275	11,648,570
	Condition	2,021,246	3,179,105	5,756,703	7,880,407	14,961,682
	Facilities	(227,049)	2,946,706	(222,056)	2,946,706	2,946,706
	Forced	285,692	5,824,085	5,547,238	11,550,461	22,992,038
	Meter Related	407,381	627,511	1,290,523	1,258,619	2,513,731
	New Business	1,754,462	3,242,233	5,186,896	6,513,680	12,998,744
	O&M	271,954	-	523,530	-	-
	Other	14,852,052	(986,132)	15,216,706	131,641	1,469,711
	Reliability	928,138	3,039,363	3,603,884	6,986,735	11,742,584
	Street Light	40,336	91,825	130,553	184,273	367,675
	Tools & Equip	177,629	124,871	369,136	236,955	461,560
	Vegetation Mgt.	3,192,059	5,902,842	8,383,039	11,175,816	21,039,996
	<b>Met-Ed Total</b>		<b>23,957,061</b>	<b>26,473,496</b>	<b>49,189,604</b>	<b>54,129,568</b>

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

*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 2012					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	27	26		
	Lineman	63	64		
Substation	Technician	4	4		
	Construction & Maintenance (C&M)	20	21		
	<b>Total</b>	<b>114</b>	<b>115</b>		

Penelec 2012					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	155	153		
	Lineman	187	181		
Substation	Technician	6	7		
	Construction & Maintenance (C&M)	73	72		
	<b>Total</b>	<b>421</b>	<b>413</b>		

Met-Ed 2012					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	52	52		
	Lineman	171	171		
Substation	Technician	15	15		
	Construction & Maintenance (C&M)	56	56		
	<b>Total</b>	<b>294</b>	<b>294</b>		

*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.

*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.

*Call-out Response*

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

ATTACHMENT A

Worst Performing Circuits - Reliability Indices

Blank Page

Penn Power													
Circuit Rank	Substation	Circuit Desc	District	Average Customers (1)	Outages (2)	Lockouts (3)	Customer Minutes (4)	Customers Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
1	CAMP REYNOLDS	W-134	CLARK	1,753	80	0	614,903	2,753	3.89	351	1.57	223	0.0
2	CANAL	W-104	CLARK	1,685	15	1	557,988	2,630	3.53	331	1.56	212	0.0
3	KOPPEL	D-532	NEW CASTLE	1,198	27	0	444,741	1,841	2.81	371	1.54	242	4.8
4	STONEBORO	W-132	CLARK	1,075	42	0	415,971	1,639	2.63	387	1.52	254	0.0
5	CANAL	W-101	CLARK	1,502	40	1	351,597	2,996	2.22	234	1.99	117	1.0
6	CAMPBELL PP	W-140	CLARK	817	53	1	349,413	2,051	2.21	428	2.51	170	1.0
7	WHEATLAND	W-149	CLARK	843	18	1	335,158	1,268	2.12	398	1.50	264	6.0
8	MCDOWELL	W-122	CLARK	654	38	1	305,882	1,226	1.93	468	1.87	250	5.0
9	NEW WILMINGTON	D-441	NEW CASTLE	883	42	0	290,982	1,219	1.84	330	1.38	239	0.3

- (1) Average number of customers served by the circuit for the 12-month period.
- (2) Number of unique outages experienced by one or more customers on the circuit during the period, due to distribution outage causes.
- (3) Number of circuit lockouts during the period.
- (4) Total customer minutes of outage during the period due to distribution outage causes.
- (5) Number of customer outages during the period due to distribution outage causes.
- (6) Impact of the distribution outages on this circuit to Penn Power's SAIDI.
- (7) Distribution circuit SAIDI, SAIFI, CAIDI and MAIFI 12-Month Rolling due to distribution outage causes.

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

Penelec													
Circuit Rank	Substation	Circuit Desc	District	Average Customers (1)	Outages (2)	Lockouts (3)	Customer Minutes (4)	Customers Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CADI (7)	MAIFI (7)
1	Tiffany	00435-65	Montrose	779	44	3	6,027,619	4,715	10.30	7,738	6.05	1,278	25.65
2	Lake Como	00787-65	Montrose	858	46	2	3,147,350	5,181	5.38	3,668	6.04	607	29.53
3	Thompson	00446-65	Montrose	489	29	1	2,535,922	2,385	4.33	5,186	4.88	1,063	0.06
4	Starruca	00744-65	Montrose	871	38	0	2,334,702	2,324	3.99	2,680	2.67	1,005	13.65
5	Lake Como	00786-65	Montrose	472	22	1	2,196,727	2,369	3.75	4,654	5.02	927	62.68
6	Madera	00166-22	Philipsburg	2,226	86	1	2,102,966	10,703	3.59	945	4.81	196	9.53
7	Madera	00167-22	Philipsburg	1,835	55	5	2,007,951	7,969	3.43	1,094	4.34	252	13.47
8	Lucerne	00088-13	Indiana	249	10	3	1,835,529	3,996	3.14	7,372	16.05	459	0.28
9	Thompson	00436-65	Montrose	1,345	66	0	1,810,709	4,660	3.10	1,346	3.46	389	6.37
10	Salix	00070-11	Johnstown	2,298	47	0	1,739,898	3,625	2.97	757	1.58	480	2.17
11	Thompson	00442-65	Montrose	657	29	0	1,731,140	1,610	2.96	2,635	2.45	1,075	14.85
12	Laurel Lake	00769-65	Montrose	477	15	1	1,670,492	1,498	2.86	3,502	3.14	1,115	108.87
13	North Meshoppen	00534-65	Montrose	839	56	1	1,596,544	2,160	2.73	1,903	2.57	739	3.83
14	Bellwood North	00635-22	Philipsburg	1,109	26	3	1,535,435	3,840	2.62	1,385	3.46	400	1.00
15	New Milford	00239-65	Montrose	356	13	2	1,388,841	2,003	2.37	3,901	5.63	693	11.97
16	Philipsburg	00162-22	Philipsburg	3,259	89	0	1,236,294	10,991	2.11	379	3.37	112	26.19
17	Susquehanna	00279-65	Montrose	623	19	1	1,123,932	918	1.92	1,804	1.47	1,224	17.65
18	Shawville	00151-21	Clearfield	2,330	47	1	1,121,677	3,709	1.92	481	1.59	302	0.67
19	Lake Como	00788-65	Montrose	623	28	4	1,106,685	3,907	1.89	1,776	6.27	283	55.11
20	Brooklyn	00748-65	Montrose	200	10	0	1,030,212	534	1.76	5,151	2.67	1,929	25.86
21	Tunkhannock	00533-65	Montrose	1,238	58	0	1,005,866	1,595	1.72	812	1.29	631	39.00
22	Warren South	00220-41	Warren	2,965	61	0	968,259	5,124	1.66	327	1.73	189	9.07
23	Brooklyn	00749-65	Montrose	506	29	0	914,910	1,419	1.56	1,808	2.80	645	14.96
24	Avery	00791-65	Montrose	358	28	2	873,794	1,285	1.49	2,441	3.59	680	23.06
25	Madera	00165-22	Philipsburg	882	37	1	869,073	1,815	1.49	985	2.06	479	8.02
26	New Milford	00240-65	Montrose	302	14	2	862,068	716	1.47	2,855	2.37	1,204	12.03
27	Mildred	00771-62	Towanda	582	16	2	838,702	1,678	1.43	1,441	2.88	500	4.99
28	Oxbow	00555-65	Montrose	722	26	1	835,841	3,031	1.43	1,158	4.20	276	26.77

SUPPLEMENTAL SUBMISSION –  
 Joint 2012 Quarterly Reliability Report  
 for period ending June 30, 2012

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

Penelec													
Circuit Rank	Substation	Circuit Desc	District	Average Customers (1)	Outages (2)	Lockouts (3)	Customer Minutes (4)	Customers Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
29	St. Benedict	00057-72	Ebensburg	924	17	0	812,209	1,686	1.39	879	1.82	482	6.00
30	North Meshoppen	00531-65	Montrose	313	29	2	811,439	1,247	1.39	2,592	3.98	651	4.80
31	Blairsville East	00082-13	Indiana	1,043	32	1	780,503	2,547	1.33	748	2.44	306	42.94
32	Edgewood	00089-13	Indiana	897	39	3	776,804	4,516	1.33	866	5.03	172	15.02
33	Falls	00297-65	Montrose	823	25	0	664,717	1,490	1.14	808	1.81	446	3.81
34	Timblin	00103-23	DuBois	749	38	0	650,390	2,946	1.11	868	3.93	221	11.43
35	Mahaffey	00010-21	Clearfield	137	8	0	642,829	380	1.10	4,692	2.77	1,692	0.15
36	Birmingham	00168-22	Philipsburg	1,063	60	0	627,018	3,712	1.07	590	3.49	169	8.67
37	Montrose	00457-65	Montrose	671	34	1	625,155	895	1.07	932	1.33	698	8.45
38	North Meshoppen	00530-65	Montrose	564	34	0	610,947	767	1.04	1,083	1.36	797	0.69
39	Franklin Forks	00737-65	Montrose	153	6	1	609,679	288	1.04	3,985	1.88	2,117	24.98
40	Erie South	00259-31	Erie	2,481	59	0	609,674	6,042	1.04	246	2.44	101	0.51
41	Lenox	00755-65	Montrose	689	29	0	590,752	1,590	1.01	857	2.31	372	4.72
42	Blairsville East	00080-13	Indiana	1,076	25	0	534,567	4,051	0.91	497	3.76	132	10.54
43	Philipsburg	00164-22	Philipsburg	2,146	43	1	523,838	5,334	0.90	244	2.49	98	2.27
44	Lenox	00434-65	Montrose	271	13	0	520,368	350	0.89	1,920	1.29	1,487	12.68
45	Tower Hill	00580-63	Mansfield	401	17	1	506,036	1,631	0.87	1,262	4.07	310	12.64
46	Brookville	00123-23	DuBois	557	23	1	486,410	1,258	0.83	873	2.26	387	1.25
47	Tower Hill	00581-63	Mansfield	517	26	0	446,679	1,476	0.76	864	2.85	303	6.01
48	Portage	00081-72	Ebensburg	523	15	2	434,321	1,510	0.74	830	2.89	288	1.99
49	Grover	00527-63	Mansfield	784	44	0	424,010	1,769	0.72	541	2.26	240	4.84
50	Philipsburg	00149-22	Philipsburg	939	51	2	423,290	4,290	0.72	451	4.57	99	57.06
51	Piney	00523-51	Oil City	1,195	35	0	412,405	2,869	0.70	345	2.40	144	8.34
52	Tunkhannock	00695-65	Montrose	528	26	0	404,876	722	0.69	767	1.37	561	14.81
53	PPL West	PL097-62	Towanda	108	8	0	384,725	499	0.66	3,562	4.62	771	0.00
54	Erie East	00234-31	Erie	1,076	61	1	355,377	2,764	0.61	330	2.57	129	7.03
55	Glen Campbell	00680-21	Clearfield	425	31	0	349,888	1,660	0.60	823	3.91	211	8.68
56	Tyrone North	00944-22	Philipsburg	1,483	26	1	349,829	1,903	0.60	236	1.28	184	13.75

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

Penelec													
Circuit Rank	Substation	Circuit Desc	District	Average Customers (1)	Outages (2)	Lockouts (3)	Customer Minutes (4)	Customers Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
57	Mount Union	00154-82	Huntingdon	1,153	26	1	343,802	1,790	0.59	298	1.55	192	3.25
58	Mansfield	00699-63	Mansfield	760	27	2	342,821	1,667	0.59	451	2.19	206	0.31
59	Fairview East	00216-34	Erie	665	17	0	342,778	1,330	0.59	515	2.00	258	12.33

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

Met-Ed													
Circuit Rank	Substation	Circuit Desc	District	Average Customers (1)	Outages (2)	Lockouts (3)	Customer Minutes (4)	Customers Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
1	YORKANA	00708-4	YORK	2,225	49	3	1,045,354	10,485	1.91	470	4.71	100	4.20
2	SHYDERSVILLE	00621-3	STROUDSBURG	1,756	38	2	1,037,980	4,005	1.90	591	2.28	259	0.00
3	GLENDON	00818-3	EASTON	1,261	14	1	1,020,866	3,065	1.87	810	2.43	333	0.00
4	FOX HILL	00816-3	STROUDSBURG	3,747	52	1	896,645	7,727	1.64	239	2.06	116	5.85
5	BIRDSBORO	00757-1	READING	1,899	64	3	802,142	6,479	1.47	422	3.41	124	2.49
6	BIRDSBORO	00756-1	READING	1,402	81	0	778,853	6,481	1.42	556	4.62	120	2.77
7	SHAWNEE	00895-3	STROUDSBURG	3,758	69	0	746,825	11,621	1.36	199	3.09	64	9.73
8	BERNVILLE	00787-1	HAMBURG	1,736	40	1	700,269	3,483	1.28	403	2.01	201	3.61
9	LEESPORT	00811-1	HAMBURG	1,480	34	1	685,480	3,894	1.25	463	2.63	176	2.00
10	GARDIERS	00752-4	GETTYSBURG	1,384	62	0	619,372	4,106	1.13	448	2.97	151	3.06
11	NORTH LEBANON	00715-2	LEBANON	1,082	19	1	604,699	2,513	1.10	559	2.32	241	3.50
12	RINGING ROCKS	00708-1	BOYERTOWN	2,213	52	1	573,743	4,230	1.05	259	1.91	136	2.01
13	S HAZARETH	00809-3	EASTON	2,926	35	1	570,524	4,241	1.04	195	1.45	135	1.99
14	SHAWNEE	00860-3	STROUDSBURG	3,117	61	1	570,404	8,070	1.04	183	2.59	71	8.26
15	LYNHILLE	00737-1	HAMBURG	756	47	3	497,661	3,132	0.91	658	4.14	159	11.26
16	GLADES	00580-4	YORK	1,357	15	1	488,243	3,779	0.89	360	2.78	129	5.99
17	ANNVILLE	00744-2	LEBANON	879	12	0	476,627	1,823	0.87	542	2.07	261	6.08
18	FRIEDENSBURG	00769-1	READING	1,950	39	1	462,262	4,571	0.84	237	2.34	101	1.03
19	SHAWNEE	00837-3	STROUDSBURG	1,205	22	0	448,842	1,920	0.82	372	1.59	234	8.61
20	NEWBERRY	00577-4	YORK	1,585	23	2	446,388	3,945	0.82	282	2.49	113	2.00
21	TAXVILLE	00572-4	YORK	3,223	10	2	437,606	6,154	0.80	136	1.91	71	8.41
22	FRYSTOWN	00702-2	LEBANON	1,171	31	2	429,882	2,924	0.79	367	2.50	147	7.26
23	NEWBERRY	00586-4	YORK	1,584	24	3	428,564	5,392	0.78	271	3.40	79	3.04
24	SHAWNEE	00899-3	STROUDSBURG	1,649	36	0	428,349	2,831	0.78	260	1.72	151	3.28
25	SWATARA HILL	00764-2	LEBANON	1,471	27	2	425,248	3,454	0.78	289	2.35	123	0.00
26	GRANTVILLE	00721-2	LEBANON	1,155	32	2	425,233	3,241	0.78	368	2.81	131	2.00
27	SOUTH LEBANON	00772-2	LEBANON	1,549	32	2	424,009	2,597	0.77	274	1.68	163	7.58
28	DILLSBURG	00746-4	DILLSBURG	2,385	27	1	417,358	3,840	0.76	175	1.61	109	1.96
29	NEWBERRY	00576-4	YORK	1,770	55	0	405,619	2,542	0.74	229	1.44	160	2.98
30	FLYING HILLS	00776-1	READING	1,491	41	0	405,032	2,088	0.74	272	1.40	194	11.39

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

Met-Ed													
Circuit Rank	Substation	Circuit Desc	District	Average Customers (1)	Outages (2)	Lockouts (3)	Customer Minutes (4)	Customers Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
31	WINDSOR	00797-4	YORK	1,538	64	0	400,452	1,932	0.73	260	1.26	207	8.01
32	W BOYERTOWN	00717-1	BOYERTOWN	1,281	8	1	386,420	2,642	0.71	302	2.06	146	1.01
33	WINDSOR	00796-4	YORK	1,104	32	0	384,387	2,209	0.70	348	2.00	174	12.00
34	DILLSBURG	00749-4	DILLSBURG	1,795	46	1	378,082	2,744	0.69	211	1.53	138	6.98
35	OTTSVILLE	00661-3	EASTON	604	36	1	372,228	2,139	0.68	616	3.54	174	0.00
36	BAIRS	00571-4	YORK	2,333	61	1	365,179	3,536	0.67	157	1.52	103	2.00
37	SOUTH LEBANON	00780-2	LEBANON	1,240	14	0	363,273	2,222	0.66	293	1.79	163	3.76
38	SOUTH EASTON	00058-3	EASTON	1,282	5	1	356,811	1,910	0.65	278	1.49	187	2.98

ATTACHMENT B

Worst Performing Circuits – Remedial Action

Blank Page

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 X1-4 at Docket Number D-05MGT003.

Penn Power						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
1	Camp Reynolds	W-134	<i>Performance was driven by four outages; two caused by a line failures, one caused by a human error non-company and one caused by a non-preventable tree during weather conditions.</i>			
			Cable was reattached at time of restoration	Complete	Dec-11	
			Cable was reattached at time of restoration	Complete	May-12	
			Equipment that was broken due to farmer plowing field was repaired at time of restoration	Complete	May-12	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jan-12	
			Protection Review including replacement of 3 reclosers	Complete	Mar-12	
			Reliability job to replace 1 cutout and make 1 coordination change	Complete	Apr-12	
			9 Fault Indicators to be installed	To be completed in 2012		
2	Canal	W-104	<i>Performance was driven by one outage which was caused by line failure.</i>			
			The failed underground exit wire was converted to overhead at time of restoration	Complete	Dec-11	
3	Koppel	D-532	<i>Performance was driven by two outages; one caused by a non-preventable tree and one caused by equipment failure both of which occurred during weather conditions.</i>			2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			The equipment failure was repaired at the time of restoration	Complete	Jul-11	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Sep-11	
			A thermal scan was performed on the circuit and the associated hot spots were repaired	Complete	Jun-12	
4	Stoneboro	W-132	<i>Performance was driven by two outages both of which were caused by non-preventable trees with one occurring during weather conditions.</i>			
			The problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-11	
			The problem tree was removed and associated repairs were made at time of restoration	Complete	May-12	
			Reliability job to install fuses and replace arrestors	Complete	May-12	
			Protection review completed on circuit	Complete	May-12	

Penn Power						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
5	Canal	W-101	<i>Performance was driven by one outage caused by a non-preventable tree during weather conditions.</i>			4Q 2010 1Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-11	
			Protection Review was performed on the circuit and conducted in field	Complete	Nov-11	
6	Campbell PP	W-140	<i>Performance was driven by two outages, one caused by a non-preventable tree and one caused by lightning during a weather condition.</i>			
			Problem tree was removed and associated repairs were made at time of restoration	Complete	Jan-12	
			Equipment that was broken due to lightning was repaired at time of restoration	Complete	Jul-11	
			Reliability job to fuse transformers, replace arrestors, and add additional animal guards	Complete	May-12	
			Reliability job to install fuses, replace arrestors, and make coordination changes	Complete	Jun-12	
7	Wheatland	W-149	<i>Performance was driven by one outage caused by a non-preventable tree during weather conditions.</i>			
			Problem tree was removed and associated repairs were made at time of restoration	Complete	May-12	
8	McDowell	W-122	<i>Performance was driven by one outage caused by a non-preventable tree during weather conditions.</i>			
			Problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-11	
9	New Wilmington	D-441	<i>Performance was driven by one outage caused by a non-preventable tree during weather conditions.</i>			
			Problem tree was removed and associated repairs were made at time of restoration	Complete	Jul-11	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
1	Tiffany	00435-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			3Q 2011
			Repair tree damage during storm	Complete	Aug-11	4Q 2011
			Add additional protection per circuit coordination	To be completed 2012		1Q 2012
2	Lake Como	00787-65	<i>Performance was driven by trees non-preventable during storm.</i>			2Q 2012
			Repair tree damage during storm	Complete	Aug-11	1Q 2011
			Repair tree damage during storm	Complete	Oct-11	3Q 2011
			Add additional protection per circuit coordination	To be completed 2012		4Q 2011
3	Thompson	00446-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			1Q 2012
			Repair tree damage during storm	Complete	Sep-11	2Q 2012
4	Starruca	00744-65	<i>Performance was driven by trees non-preventable during storm.</i>			1Q 2011
			Repair tree damage from storm (Hurricane Irene)	Complete	Aug-11	2Q 2011
			Repair damage from minor storm	Complete	Oct-11	3Q 2011
			2011 Circuit Inspection	Complete	Nov-11	4Q 2011
			Full Cycle Tree Clearing	Complete	Dec-11	1Q 2012
			Add additional protection per circuit coordination	To be completed 2012		2Q 2012
5	Lake Como	00786-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			3Q 2011
			Repair tree damage during storm	Complete	Aug-11	4Q 2011
			Add additional protection per circuit coordination	To be completed 2012		1Q 2012
6	Madera	00166-22	<i>Performance was driven by line failure during storm and equipment failure.</i>			2Q 2012
			Full Cycle Tree Clearing	Complete	Oct-11	1Q 2011
			Reair equipment damage	Complete	Nov-11	3Q 2011
			Repair line failure	Complete	May-12	4Q 2011

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
7	Madera	00167-22	<i>Performance was driven by trees non-preventable and equipment failure during minor storm.</i>			
			Repair equipment damage	Complete	Apr-12	
			Repair equipment damage	Complete	May-12	
			Repair tree damage from storm	Complete	May-12	
8	Lucerne	00088-13	<i>Performance was driven by trees non-preventable during storm.</i>			
			Repair tree damage from storm	Complete	May-12	
9	Thompson	00436-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage during storm	Complete	Aug-11	
			Full Cycle Tree Clearing	Complete	Sep-11	
			Add additional protection per circuit coordination	To be completed 2012		
10	Salix	00070-11	<i>Performance was driven by trees non-preventable and equipment failure during minor storm.</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			2011 Circuit Inspection	Complete	Jul-11	
			Repair equipment damage	Complete	Oct-11	
			Repair tree damage from storm	Complete	May-12	
11	Thompson	00442-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage during storm	Complete	Aug-11	
			Add additional protection per circuit coordination	To be completed 2012		
12	Laurel Lake	00769-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage during storm	Complete	Aug-11	
13	North Meshoppen	00534-65	<i>Performance was driven by trees non-preventable during storm.</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage during storm	Complete	Aug-11	
			Repair tree damage during storm	Complete	Dec-11	

<b>Penelec</b>						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
14	Bellwood North	00635-22	<i>Performance was driven by line failure during storm.</i>			
			Repair line failure	Complete	May-12	
			Repair line failure	Complete	May-12	
15	New Milford	00239-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage during storm	Complete	Aug-11	
16	Philipsburg	00162-22	<i>Performance was driven by lightning during minor storm, equipment failure and vehicle.</i>			2Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair vehicle damage	Complete	Oct-11	
			Repair storm/lightning damage	Complete	May-12	
			Full Cycle Tree Clearing	To be completed 2012		
17	Susquehanna	00279-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage during storm	Complete	Aug-11	
			2012 Circuit Inspection	Complete	Aug-12	
18	Shawville	00151-21	<i>Performance was driven by trees non-preventable during storm.</i>			
			Repair tree damage during storm	Complete	May-12	
19	Lake Como	00788-65	<i>Performance was driven by trees non-preventable during storm.</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage during storm	Complete	Aug-11	
			Repair tree damage during storm	Complete	Oct-11	
			Add additional protection per circuit coordination	To be completed 2012		
20	Brooklyn	00748-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage during storm	Complete	Aug-11	
			Full Cycle Tree Clearing	Complete	Jan-12	

<b>Penelec</b>						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
21	Tunkhannock	00533-65	<i>Performance was driven by trees non-preventable and equipment failure during minor storm.</i>			2Q 2011
			Repair tree damage during storm	Complete	Aug-11	3Q 2011
			Repair equipment damage during storm	Complete	Dec-12	4Q 2011 1Q 2012 2Q 2012
22	Warren South	00220-41	<i>Performance was driven by non-preventable tree damage during minor storm, and CPA.</i>			
			Repair tree damage from minor storm	Complete	Jul-11	1Q 2011
			Repair tree damage	Complete	Dec-11	2Q 2011
			Full Cycle Tree Clearing	Complete	Dec-11	3Q 2011
			Repair tree damage from minor storm	Complete	Feb-12	4Q 2011
			Repair damage from CPA	Complete	May-12	1Q 2012
23	Brooklyn	00749-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			3Q 2011
			Repair tree damage during storm	Complete	Sep-11	4Q 2011
			Add additional protection per circuit coordination	To be completed 2012		1Q 2012
			2012 Circuit Inspection	To be completed 2012		2Q 2012
24	Avery	00791-65	<i>Performance was driven by trees non-preventable and equipment failure during storm (Hurricane Irene).</i>			3Q 2011
			Repair tree damage during storm	Complete	Aug-11	4Q 2011 1Q 2012 2Q 2012
25	Madera	00165-22	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			
			Repair tree damage during storm	Complete	Apr-12	
			Repair tree damage during storm	Complete	May-12	
26	New Milford	00240-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			3Q 2011
			Repair tree damage during storm	Complete	Aug-11	4Q 2011 1Q 2012 2Q 2012

<b>Penelec</b>						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
27	Mildred	00771-62	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			3Q 2011
			Repair tree damage during storm	Complete	Aug-11	4Q 2011
			Add additional protection per circuit coordination	To be completed 2012		1Q 2012
28	Oxbow	00555-65	<i>Performance was driven by trees non-preventable and equipment failure during storm.</i>			2Q 2012
			Repair tree damage during storm	Complete	Aug-11	3Q 2011
			Repair equipment damage	Complete	Dec-11	4Q 2011
			2012 Circuit Inspection	Complete	Jun-12	1Q 2012
29	St. Benedict	00057-72	<i>Performance was driven by trees non-preventable and line failure during storm.</i>			2Q 2012
			Repair line failure	Complete	Apr-12	3Q 2011
			Repair tree damage during storm	Complete	May-12	4Q 2011
30	North Meshoppen	00531-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			1Q 2011
			Repair tree damage during storm	Complete	Aug-11	2Q 2011
31	Blairsville East	00082-13	<i>Performance was driven by equipment failure and lightning during minor storm.</i>			3Q 2011
			Repair equipment failure	Complete	Apr-12	4Q 2011
			Repair lightning damage during minor storm	Complete	May-12	2Q 2012
32	Edgewood	00089-13	<i>Performance was driven by equipment failure and an unknown during minor storm and trees non-preventable, line failure, and a CPA.</i>			3Q 2011
			Repair CPA damage	Complete	Nov-11	4Q 2011
			Repair line failure	Complete	Dec-11	1Q 2012
			Repair equipment failure	Complete	Jan-12	2Q 2012
			Repair equipment failure during storm	Complete	May-12	
			Add additional protection per circuit coordination	Complete	Jun-12	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
33	Falls	00297-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			2Q 2011
			Repair tree damage during storm	Complete	Aug-11	3Q 2011
			2011 Circuit Inspection	Complete	Dec-11	4Q 2011
			Full Cycle Tree Clearing	Complete	Jan-12	1Q 2012
34	Timblin	00103-23	<i>Performance was driven by a CPA and trees non-preventable during minor storm.</i>			2Q 2012
			Repair vehicle damage	Complete	Jan-12	
			Repair tree damage	Complete	May-12	
35	Mahaffey	00010-21	<i>Performance was driven by trees non-preventable during minor storm..</i>			
			Repair tree damage during storm	Complete	May-12	
36	Birmingham	00168-22	<i>Performance was driven by non-preventable trees, equipment failure, and line failure during minor storm.</i>			1Q 2011
			Repair line failure	Complete	Sep-11	2Q 2011
			Targeted Mainline Reliability Equipment Replacement	Complete	Dec-11	3Q 2011
			2011 Circuit Inspection	Complete	Oct-11	4Q 2011
			Full Cycle Tree Clearing	Complete	May-12	1Q 2012
37	Montrose	00457-65	<i>Performance was driven by trees non-preventable and an unknown during storm (Hurricane Irene).</i>			2Q 2012
			Repair tree damage during storm	Complete	Aug-11	3Q 2011
			Add additional protection per circuit coordination	To be completed 2012		4Q 2011
38	North Meshoppen	00530-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			1Q 2012
			Repair tree damage during storm	Complete	Aug-11	2Q 2012
			2012 Circuit Inspection	Complete	Jul-12	
39	Franklin Forks	00737-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			3Q 2011
			Repair tree damage during storm	Complete	Aug-11	4Q 2011
			Full Cycle Tree Clearing	Complete	Jan-12	1Q 2012

<b>Penelec</b>							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
40	Erie South	00259-31	<i>Performance was driven by equipment failure, line failure, and trees non-preventable.</i>				1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Reliability Coordinator to inspect circuit based on outage history	Complete	Jan-11		
			Repair line failure	Complete	Sep-11		
			Repair tree damage during storm	Complete	Feb-12		
			Repair equipment damage	Complete	Jun-12		
			Add additional protection per circuit coordination	To be completed 2012			
41	Lenox	00755-65	<i>Performance was driven by trees non-preventable and equipment failure during minor storm.</i>				2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair equipment and tree damage during minor storm	Complete	Aug-11		
			Repair equipment damage	Complete	Jan-12		
42	Blairsville East	00080-13	<i>Performance was driven by trees non-preventable and line failure during minor storm.</i>				2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage from minor storm	Complete	Jul-11		
			Full Cycle Tree Clearing	Complete	Aug-11		
			Repair line failure	Complete	Apr-12		
			2012 Circuit Inspection	Complete	Aug-12		
43	Philipsburg	00164-22	<i>Performance was driven by trees non-preventable and an unknown during a minor storm.</i>				
			Repair tree damage	Complete	Dec-11		
44	Lenox	00434-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>				3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage during storm	Complete	Aug-11		
45	Tower Hill	00580-63	<i>Performance was driven by equipment failure.</i>				
			Repair equipment damage	Complete	Feb-12		
			Repair equipment damage	Complete	Jun-12		
			Upgrade step transformer bank	To be completed 2012			

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
46	Brookville	00123-23	<i>Performance was driven by equipment failure.</i>			
			Repair equipment damage			
47	Tower Hill	00581-63	<i>Performance was driven by lightning damage, animal contact, and line failure.</i>			
			Repair line failure	Complete	Dec-11	
			Repair damage from animal contact	Complete	Apr-12	
			Repair lightning damage	Complete	May-12	
48	Portage	00081-72	<i>Performance was driven by non-preventable trees and an unknown during minor storms.</i>			
			Repair tree damage from minor storm	Complete	Apr-12	
			Install additional arresters and fault indicators	To be completed 2012		
49	Grover	00527-63	<i>Performance was driven by non-preventable trees during minor storms.</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Repair tree damage from minor storm	Complete	Apr-12	
			Full Cycle Tree Clearing	Complete	May-11	
			Add additional protection per circuit coordination	Complete	Sep-12	
50	Philipsburg	00149-22	<i>Performance was driven by line failure, and equipment failure during minor storm.</i>			
			Repair equipment failure	Complete	Jul-11	
			Repair line failure	Complete	Aug-11	
51	Piney	00523-51	<i>Performance was driven by equipment failure, lightning, and line failure.</i>			
			Repair lightning damage	Complete	Sep-11	
			Repair line failure	Complete	Dec-11	
			Repair equipment failure	Complete	Feb-12	
52	Tunkhannock	00695-65	<i>Performance was driven by trees non-preventable during minor storm.</i>			
			Repair tree damage	Complete	Aug-11	
			Repair tree damage	Complete	Dec-11	

<b>Penelec</b>						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
53	PPL West	PL097-62	<i>Performance was driven by loss of supply from other electric utility during minor storm.</i>			
			Other electric utility restored supply	Complete	Aug-11	
54	Erie East	00234-31	<i>Performance was driven by equipment failure, trees non-preventable, and line failure during a minor storm.</i>			
			Repair line failure	Complete	Jul-11	
			Repair equipment damage	Complete	Jan-12	
			Repair tree damage	Complete	Jan-12	
		Add additional protection per circuit coordination	Complete	Oct-12		
55	Glen Campbell	00680-21	<i>Performance was driven by trees non-preventable during minor storm.</i>			
			Repair tree damage	Complete	May-12	
56	Tyrone North	00944-22	<i>Performance was driven by equipment and line failure during minor storm.</i>			
			Repair line failure	Complete	Jul-11	
			Repair equipment failure	Complete	May-12	
57	Mount Union	00154-82	<i>Performance was driven by trees non-preventable and line failure during minor storm.</i>			
			Repair line failure	Complete	Oct-11	
			Repair tree damage	Complete	Jun-12	
			Add additional protection per circuit coordination	To be completed 2012		
58	Mansfield	00699-63	<i>Performance was driven by an unknown outage cause.</i>			
			Line patrolled	Complete	Apr-12	
59	Fairview East	00216-34	<i>Performance was driven by equipment failure.</i>			
			Repair equipment failure	Complete	Apr-12	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Union City	00206-43	<i>Performance was driven by trees non-preventable, equipment failure, and lightning damage during minor storms.</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011
			Reliability Coordinator to inspect circuit based on outage history	Complete	Jan-11	
			Repair tree damage from minor storm	Complete	Feb-11	
			Repair tree damage from minor storm	Complete	Apr-11	
			Repair lightning damage	Complete	Jun-11	
			Repair equipment damage	Complete	Aug-11	
			Add additional protection per circuit coordination	To be completed 2012		
			Full Cycle Tree Clearing	To be completed 2012		
	Tiffany	00440-65	<i>Performance was driven by trees non-preventable and an unknown during storm (Hurricane Irene).</i>			
			Repair tree damage during storm	Complete	Aug-11	
			Add additional protection per circuit coordination	To be completed 2012		
			Full Cycle Tree Clearing	To be completed 2012		
	Mansfield	00558-63	<i>Performance was driven by equipment failure and line failure.</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011
			Repair Equipment/line failure	Complete	Feb-11	
			Repair failed equipment	Complete	May-11	
			Add additional protection per circuit coordination	Complete	Aug-12	
			2012 Circuit Inspection	Complete	Aug-12	
			Full Cycle Tree Clearing	To be completed 2012		
	Oakland	00132-65	<i>Performance was driven by trees non-preventable during storm (Hurricane Irene).</i>			
			Repair tree damage during storm	Complete	Aug-11	
			Add additional protection per circuit coordination	To be completed 2012		
	Laurel Lake	00449-65	<i>Performance was driven by trees non-preventable during minor storm, equipment failure, and line failure.</i>			
			Repair line failure	Complete	Jun-11	
			Repair tree damage	Complete	Jul-11	
			Repair equipment damage	Complete	Jan-12	
			Add additional protection per circuit coordination	To be completed 2012		

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	Yorkana	00708-4	<i>Circuit performance was driven by vehicle cause outages outages (52% of minutes) and non-preventable tree cause outages (25% of minutes)</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Perform accelerated backbone and three phase assessment	Complete	Feb-11	
			Replaced damaged recloser found during repair of hot spot identified from thermal s	Complete	Mar-11	
			Install radio controlled reclosers for sectionalizing.	Complete	Dec-11	
			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				
2	Snydersville	00621-3	<i>Performance driven by single storm on 5/26/12, which contributed 47% of circuit minutes, and an insulator failure on 4/3/12 which contributed 39% of circuit minutes.</i>			
			Replace switch	To be completed in 2012		
			Replace recloser	To be completed in 2012		
			Perform accelerated backbone and three phase assessment	To be completed in 2012		
3	Glendon	00818-3	<i>Performance driven by line failure on 7/3/11, which contributed 40% of circuit minutes, and vehicle accident on 12/17/2011 which contributed 48% of circuit minutes</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Perform accelerated assessment on the circuit backbone	Complete	Mar-11	
			Perform accelerated backbone and three phase assessment	Complete	Mar-12	
			Reconductor three spans of mainline	To be completed in 2012		
4	Fox Hill	00816-3	<i>Performance driven by non-preventable trees which contributed 82% of circuit minutes.</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Perform accelerated backbone and three phase assessment	Complete	Mar-11	
			Forestry to perform off cycle patrol and trim	Complete	Apr-11	
			Replace current limiting fuses on step transformers	Complete	Mar-11	
			Install Fault indicators	Complete	Mar-11	
			Study automation of sectionalizer on circuit	Complete	Sep-11	
			Perform accelerated backbone and three phase assessment	Complete	Jan-12	
			Correct fuse miscoordinations identified during SAIFI analysis	Complete	Mar-12	
			Replace sectionalizer with SCADA switch	Complete	Mar-12	
Forestry to perform on cycle comprehensive circuit tree trimming	Complete	Apr-12				

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	Birdsboro	00757-1	<i>Performance driven by two outages caused by insulator problems (31%), an outage caused by a broken crossarm (23%) and trees non-preventable outages (18%).</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Install mainline fault indicators 3 locations	Complete	Jan-11	
			Perform accelerated three phase assessment	Complete	Nov-11	
			Perform accelerated backbone assessment	Complete	Nov-11	
			Install additional mainline fault indicators	Complete	Dec-11	
			Implement proactive every-other-month mainline forestry inspection	Complete	Jan-12	
			Proactive every-other-month mainline forestry inspection	Complete	Jan-12	
			Spot mainline tree trimming and removals	Complete	Jan-12	
			Perform engineering SAIFI improvement study	Complete	Feb-12	
			Replace primary underground cable and submersibles in Maple Springs URD	Complete	Mar-12	
			Proactive every-other-month mainline forestry inspection	Complete	Mar-12	
			Spot mainline tree trimming and removals	Complete	Apr-12	
			Perform accelerated backbone assessment	Complete	May-12	
			Replace mainline crossarm from assessment	Complete	May-12	
			Proactive every-other-month mainline forestry inspection	Complete	May-12	
			Spot mainline tree trimming and removals	Complete	Jun-12	
			Replace mainline crossarm from assessment	Complete	Jun-12	
			Upgrade mainline disconnects to GOAB	Complete	Jun-12	
			Complete forestry assessment of 3 phase for SAIFI analysis	To be completed in 2012		
			Perform accelerated three phase assessment	To be completed in 2012		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
6	Birdsboro	00756-1	<i>Performance driven by trees non-preventable outages (80%)</i>			1Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Replace Mainline Tie-Switch (tree damaged)	Complete	Feb-11	
			Perform accelerated backbone assessment	Complete	Mar-11	
			Perform accelerated three phase assessment	Complete	Mar-11	
			Forestry to perform off cycle patrol and trim	Complete	May-11	
			Replace fuses to improve tap coordination	Complete	Jun-11	
			Repair high priority items (riser, crossarm, riser) identified during circuit assessment	Complete	Jul-11	
			Repair additional high priority items (crossarm, insulator) identified during crt assessment	Complete	Nov-11	
			Replace crossarm from circuit assessment	Complete	Dec-11	
			Implement proactive every-other-month mainline forestry inspection	Complete	Jan-12	
			Proactive every-other-month mainline forestry inspection	Complete	Jan-12	
			Spot mainline tree trimming and removals	Complete	Jan-12	
			Proactive every-other-month mainline forestry inspection	Complete	Mar-12	
			Spot mainline tree trimming and removals	Complete	Apr-12	
			Proactive every-other-month mainline forestry inspection	Complete	May-12	
			Spot mainline tree trimming and removals	Complete	Jun-12	
			Replace bypass disconnects mainline recloser	Complete	Jun-12	
Perform accelerated backbone and three phase assessment	To be completed in 2012					
Replace crossarm from circuit assessment	To be completed in 2012					
7	Shawnee	00895-3	<i>Performance was driven by non-preventable trees which contributed 70% of circuit minutes, 31% of the tree minutes were from a single storm on 7/9/11.</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Perform accelerated three phase and backbone assessment	Complete	Mar-11	
			Replace current limiting fuses on step transformers	Complete	Mar-11	
			Operate and maintain circuit tie switches	Complete	Apr-11	
			Install new electronic recloser	Complete	May-11	
			Perform accelerated backbone and three phase assessment	Complete	Jan-12	
			Correct fuse coordination	2012		
			Forestry to perform on cycle comprehensive circuit tree trimming	2012		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
8	Bernville	00787-1	<i>Performance driven by a crossarm problem (54%), a jumper/tap failure (12%), and a switch problem (8%)</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Replace mainline crossarm	Complete	Sept-11	
			Repair mainline switch	Complete	Oct-11	
			Mainline forestry spot tree trimming and removal	Complete	Dec-11	
			Perform accelerated three phase and backbone assessment	Complete	Dec-11	
			Complete Comprehensive circuit patrol	Complete	Apr-12	
			Replace crossarms from circuit assessment	Complete	Apr-12	
			Replace batteries on mainline reclosers	Complete	Jun-12	
Replace arrasters mainline recloser	2012					
9	Leesport	00811-1	<i>Performance driven by three outages caused by vehicle accidents (40%) and an outage caused by wind during a severe thunderstorm (28%)</i>			
			Perform accelerated three phase assessment.	Complete	Apr-11	
			Perform accelerated backbone assessment	Complete	Apr-11	
			Install additional overhead fault indicators	Complete	Oct-11	
			Perform accelerated three phase assessment.	Complete	Jan-12	
			Perform accelerated backbone assessment	Complete	Jan-12	
			Comprehensive Tree Trimming	Complete	Jan-12	
			Replace mainline crossarm from assessment	Complete	Feb-12	
Replace mainline crossarm from assessment	Complete	Apr-12				
Replace mainline crossarm from assessment	Complete	May-12				
10	Gardners	00752-4	<i>Performance driven by trees at 47% of circuit minutes; and a capacitor bank problem at 16% of circuit minutes.</i>			
			Forestry to perform on cycle comprehensive circuit tree trim in 2011	Complete	Sep-11	
			Perform accelerated circuit reliability assessment of mainline	Complete	Apr-12	
			Perform accelerated circuit reliability assessment of single phase	Complete	Apr-12	
Perform accelerated circuit reliability assessment of three phase	Complete	Apr-12				

<b>Met-Ed</b>						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
11	North Lebanon	00715-2	<i>Performance was primarily driven by wind caused damage (62%) and vehicle accidents (32%)</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Install fault indicators 4 locations	Complete	Sep-11	
			Replace deteriorated crossarm	Complete	Feb-12	
			Replace deteriorated crossarm	Complete	Mar-12	
			Perform accelerated backbone and 3 phase circuit assessment	Complete	Jun-12	
			Forestry Patrol of Backbone and all of Three-Phase beyond recloser 71512	To be completed in 2012		
12	Ringing Rocks	00708-1	<i>Performance driven by two vehicle accidents (61%), and trees non-preventable outages (19%)</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Install additional mainline fault indicators	Complete	Jun-11	
			Perform accelerated three phase assessment.	Complete	Nov-11	
			Perform accelerated backbone assessment	Complete	Nov-11	
			Perform engineering SAIFI improvement study	Complete	Dec-11	
			Install additional mainline recloser	Complete	Mar-12	
			Complete forestry assessment of 3 phase for SAIFI analysis	Complete	Jun-12	
			Perform accelerated backbone and three phase assessment	Complete	Jun-12	
Install additional mainline tap fuses	To be completed in 2012					
13	S. Nazareth	00809-3	<i>Performance was driven by a lightning strike on 9/28/11 which contributed 36% of minutes, vehicle accidents which contributed 27% of minutes, and non-preventable trees which contributed 15% of circuit minutes.</i>			2Q2012 1Q2012 4Q2011 3Q2011 2Q2011
			Perform accelerated assessment on the circuit backbone and 3phase of the circuit	Complete	Feb-11	
			Install fault Indicators	Complete	May-11	
			Install Fault Indicators	Complete	Nov-11	
			Perform SAIFI analysis initiative study	Complete	Dec-11	
			Perform accelerated backbone and three phase assessment	Complete	Feb-12	
			Forestry to perform on cycle comprehensive circuit tree trimming	Complete	Mar-12	
			Install SCADA controlled switch	Complete	May-12	
Replace cutouts on circuit backbone with poly	To be completed in 2012					

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
14	Shawnee	00860-3	<i>Performance driven by non-preventable trees, which contributed 72% of circuit minutes. 66% of tree caused minutes were from a tree caused lock out on 10/6/11.</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Install Fault Indicators	Complete	Feb-11	
			Perform accelerated backbone and three phase assessment	Complete	Mar-11	
			Replace current limiting fuses on step transformers	Complete	Mar-11	
			Correct fuse miscoordinations identified during SAIFI analysis	Complete	Apr-11	
			Operate and maintain circuit tie switches	Complete	Jun-11	
			Perform accelerated backbone and three phase assessment	Complete	Jan-12	
			Perform accelerated single phase assessment	Complete	Feb-12	
			Replace 3 sets of fault indicators	Complete	Jun-12	
			Install SCADA Controlled Switch	To be completed in 2012		
			Install SCADA Controlled Switch	To be completed in 2012		
Repair conditioned items from circuit assessment	To be completed in 2012					
15	Lynnville	00737-1	<i>Performance driven by trees non-preventable (50%) outages, and an outage caused by a primary conductor problem</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Install additional mainline fusing	Complete	Feb-11	
			Perform Faulted Circuit Indicator Installation Engineering Study	Complete	Aug-11	
			Perform mid-cycle forestry patrol.	Complete	Dec-11	
			Perform accelerated three phase assessment	Complete	Dec-11	
			Perform accelerated backbone assessment	Complete	Dec-11	
			Install OH Fault Indicators at 9 Locations	Complete	Dec-11	
			Replace mainline recloser battery	Complete	May-12	
Perform accelerated backbone and three phase assessment	To be completed in 2012					
16	Glades	00580-4	<i>Performance driven by one outage caused by customer equipment failure (60% 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	To be completed in 2012		
			Perform accelerated circuit reliability assessment of three phase	To be completed in 2012		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
17	Annville	00744-2	<i>Performance was primarily driven by conductor failure (75%) and equipment failure (23%)</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Accelerated circuit assessment three phase	Complete	May-11	
			Perform accelerated backbone assessment	Complete	May-11	
			Comprehensive tree trimming	Complete	May-11	
			Perform accelerated backbone and three phase circuit assessment	Complete	Jun-12	
			Install fault indicators five locations	To be completed in 2012		
			Replace arresters as switch 74469	To be completed in 2012		
			Replace wwith 74466	To be completed in 2012		
18	Friedensburg	00769-1	<i>Performance driven by a substation disconnect problem (28%), an outage caused by an arrester problem (26%), and an outage caused by lightning (22%).</i>			
			Perform accelerated three phase assessment	Complete	Jun-11	
			Perform accelerated single phase assessment	Complete	Jun-11	
			Install additional overhead fault indicators at five locations.	Complete	Jun-11	
			Install fuse/bypass on mainline	Complete	Oct-11	
			Replace crossarms from circuit assessment	Complete	Feb-12	
			Perform accelerated backbone and three phase assessment	To be completed in 2012		
Install additional mainline disconnects and fault indicators at one location	To be completed in 2013					
19	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>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Perform accelerated three phase assessment	Complete	Apr-11	
			Install telemetered fault indicators on radio controlled switch	Complete	Nov-11	
			Forestry to perform on cycle comprehensive circuit tree trimming	Complete	Jan-12	
			Perform accelerated backbone and three phase assessment	Complete	Jan-12	
20	Newberry	00577-4	<i>Performance was driven by non-preventable tree cause outages (26% of the minutes) and equipment failure cause outages (44% of the minutes)</i>			
			Install additional Fault Indicators	Complete	Mar-11	
			Perform Accelerated backbone and three phase assessment	Complete	Jun-11	
			Perform accelerated circuit reliability assessment of backbone	Complete	May-12	
			Perform mid-cycle forestry patrol.	Complete	May-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	May-12	
Replace/Repair high priority items identified during circuit patrol	To be completed in 2012					

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	Taxville	00572-4	<i>Circuit performance was driven by vehicle cause outages outages (77% of minutes)</i>			
			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	Completed	Apr-12	
			Replace/Repair high priority items identified during circuit patrol	To be completed in 2012		
			Install additional fuse on the circuit	To be completed in 2012		
			Install fault indicators on the circuit three phase backbone.	To be completed in 2012		
22	Frystown	00702-2	<i>Performance was primarily driven by vehicle accidents (77%) and tree caused outages (7%)</i>			
			Review step bank fusing	Complete	Apr-12	
			Perform accelerated three phase circuit assessment	Complete	Jun-12	
			Replace deteriorated crossarm	To be completed in 2012		
23	Newberry	00586-4	<i>Performance was driven by non-preventable tree cause outages (76% of minutes)</i>			
			Perform accelerated circuit reliability assessment of backbone	Complete	Dec-11	
			Perform accelerated circuit reliability assessment of backbone	To be completed in 2012		
			Perform accelerated circuit reliability assessment of three phase	To be completed in 2012		
24	Shawnee	00899-3	<i>Performance driven by non-preventable trees, which contributed 73% of circuit minutes.</i>			
			Perform accelerated backbone and three phase assessment	Complete	Jan-12	
			Perform accelerated single phase assessment	Complete	Feb-12	
			Forestry to perform on cycle comprehensive circuit tree trimming	To be completed in 2012		
			Install tap fuse on backbone	To be completed in 2012		
25	Swatara Hill	00764-2	<i>Performance was primarily driven by vehicle accidents (65%) and equipment failure (20%)</i>			
			Perform accelerated backbone and 3 phase circuit assessment	Complete	May-12	
			Replace deteriorated crossarm	To be completed in 2012		
			Replace deteriorated crossarm	To be completed in 2012		
26	Grantville	00721-2	<i>Performance was primarily driven by tree caused outages (70%), equipment failure (15%) and avian caused outages (8%)</i>			
			Perform accelerated backbone and three phase assessment	Complete	Jul-11	
			Correct 4 coordination issues	To be completed in 2012		
			Perform accelerated backbone assessment	To be completed in 2012		
			Perform accelerated three phase circuit assessment	To be completed in 2012		
			Relocate recloser 72132	To be completed in 2013		
			Comprehensive tree trimming	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
27	South Lebanon	00772-2	<i>Performance was primarily driven by vehicle accidents (76%) and tree caused damage (18%)</i>			
			Perform accelerated backbone and three phase circuit assessment	Complete	Apr-11	
			Comprehensive tree trimming	Complete	Oct-11	
			Perform accelerated three phase circuit assessment	To be completed in 2012		
			Perform accelerated backbone assessment	To be completed in 2012		
28	Dillsburg	00746-4	<i>Performance driven by a conductor problem that accounted for 65% of circuit minutes and a tree related outage that accounted for 17%.</i>			
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Engineering and forestry perform mainline vegetation assessment	Complete	Jan-11	
			Perform accelerated circuit reliability assessment of three phase - No Priority 1 findings	Complete	Mar-11	
			Perform accelerated backbone assessment	Complete	Mar-11	
			Perform accelerated circuit reliability assessment of single phase	Complete	Mar-11	
			Upgraded existing 300A disconnects to new 600A disconnect switches	Complete	May-11	
			Installed new single phase trip and lockout recloser identified in SAIFI Analysis	Complete	Jun-11	
			GOAB Inspections identified in SAIFI Analysis	Complete	Jul-11	
			Perform accelerated circuit reliability assessment of three phase	To be completed in 2012		
Perform accelerated backbone assessment	To be completed in 2012					
29	Newberry	00576-4	<i>Performance driven by non-preventable tree cause outages (82% of minutes).</i>			
			Perform accelerated backbone assessment	Complete	Mar-11	
			Perform accelerated circuit reliability assessment of three phase	Complete	Jan-12	
			Perform accelerated circuit reliability assessment of backbone	Complete	Jan-12	
			Install three radio controlled switches and recloser with fault indicators	Complete	Jan-12	
			Replace/Repair high priority items identified during circuit patrol	To be completed in 2012		
			Perform mid-cycle forestry patrol.	To be completed in 2012		
30	Flying Hills	00776-1	<i>Performance driven by an outage caused by a non-company tree crew (30%), trees non-preventable outages (19%) and an outage caused by a vehicle accident (13%).</i>			
			Perform accelerated three phase assessment	Complete	Feb-11	
			Perform accelerated backbone assessment	Complete	Feb-11	
			Install fault indicators five locations	Complete	May-11	
			Comprehensive tree trimming	Complete	May-12	
			Perform accelerated backbone and three phase assessment	To be completed in 2012		
			Engineering review for the installation of an additional mainline recloser	To be completed in 2012		
			Engineering review for the creation of an additional circuit tie	To be completed in 2012		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
31	Windsor	00797-4	<i>Performance was driven by non-preventable tree cause outages (26% of minutes). and lightning cause outages (60% of minutes)</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Perform Accelerated backbone and three phase assessment	Complete	Nov-11	
			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	To be completed in 2012		
			Forestry to perform on cycle comprehensive circuit Tree Trimming	To be completed in 2012		
			Install additional fusing on the circuit	To be completed in 2012		
32	West Boyertown	00717-1	<i>Performance driven by a trees non-preventable outage (73%), and a forced outage due to a vehicle accident (19%)</i>			
			Complete comprehensive circuit patrol	Complete	Jun-11	
			Perform accelerated backbone and three phase assessment	To be completed in 2012		
			Comprehensive tree trimming	To be completed in 2012		
			Install additional mainline tap fusing	To be completed in 2013		
33	Windsor	00796-4	<i>Circuit performance was driven by non-preventable tree cause outages (69% of minutes)</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Perform Accelerated backbone and three phase assessment	Complete	Dec-11	
			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	To be completed in 2012		
Forestry to perform on cycle comprehensive circuit tree trimming	To be completed in 2012					
34	Dillsburg	00749-4	<i>Performance driven by a crossarm fire during T&amp;L at 73% of circuit minutes and a tree related outage at 6% of circuit minutes.</i>			3Q 2011 4Q 2011 1Q 2012 2Q 2012
			Perform accelerated circuit reliability assessment of mainline	Complete	Jul-11	
			Perform accelerated circuit reliability assessment of three phase	Complete	Aug-11	
			Perform accelerated circuit reliability assessment of single phase	Complete	Aug-11	
			Install a total of six FCI at two locations on the circuit	Complete	Nov-11	
			Perform SAIFI analysis initiative study	Complete	Dec-11	
			Replace/Repair high priority items identified during circuit patrol	Complete	Mar-12	
			Perform accelerated circuit reliability assessment of mainline	Complete	May-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	May-12	
Replace/Repair high priority items identified during circuit patrol	To be completed in 2012					

<b>Met-Ed</b>						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
35	Ottsville	00661-3	<i>Performance driven by non-preventable trees, which contributed 77% of circuit minutes.</i>			
			Perform accelerated backbone and three phase assessment	Complete	Feb-12	
			Repair floating primary	Complete	Feb-12	
			Install recloser	To be completed in 2012		
			Comprehensive Tree Trimming	To be completed in 2013		
36	Bairs	00571-4	<i>Performance was driven by non-preventable tree cause outages (47% of the minutes)</i>			
			Perform Accelerated single phase assessment	Complete	May-12	
			Perform accelerated circuit reliability assessment of backbone	Complete	May-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	May-12	
			Replace/Repair high priority items identified during circuit patrol	To be completed in 2012		
			Perform mid-cycle forestry patrol.	To be completed in 2012		
37	South Lebanon	00780-2	<i>Performance was primarily driven by an outage of unknown origin (92%) and conductor failure (6%)</i>			
			Perform accelerated backbone and 3 phase circuit assessment	Complete	Apr-11	
			Perform accelerated three phase circuit assessment	To be completed in 2012		
			Perform accelerated backbone assessment	To be completed in 2012		
			Install fault indicators 2 locations	To be completed in 2013		
38	S. Easton	00058-3	<i>Performance was driven by non-preventable tree caused outage on 7/13/11 which contributed 94% of circuit minutes.</i>			
			Perform accelerated backbone and three phase assessment	Complete	Feb-12	
	Yoe	00559-4	<i>Performance driven by two unknown cause outages (53% of minutes) and non-preventable tree cause outages (22% of minutes).</i>			2Q 2011 3Q 2011 4Q 2011 1Q 2012
			Perform mid-cycle forestry patrol.	Complete	Oct-11	
			Perform Accelerated backbone and three phase assessment	Complete	Dec-11	
			Perform accelerated circuit reliability assessment of backbone	Complete	May-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	May-12	
			Replace/Repair high priority items identified during circuit patrol	To be completed in 2012		
			Perform mid-cycle forestry patrol.	To be completed in 2012		

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	00742-4	<i>Performance driven by the 5/26/11 tornado / storm which accounted for 84% of circuit minutes.</i>			2Q 2011 3Q 2011 4Q 2011 1Q 2012
			Perform accelerated circuit reliability assessment of mainline - Post Storm	Complete	Jun-11	
			Perform accelerated circuit reliability assessment of three phase - Post Storm	Complete	Jun-11	
			Required 2011	Complete	Jun-11	
			Forestry to perform tree inspection in worst hit part of circuit - Post Storm	Complete	Jun-11	
			Forestry removed three danger trees as result of post storm inspection	Complete	Jun-11	
			Perform accelerated circuit reliability assessment of mainline	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	
	Mountain	00743-4	<i>Performance driven by the 5/26/11 tornado / storm which accounted for 47% of circuit minutes and related post storm incidents accounted for 44% of circuit minutes.</i>			2Q 2011 3Q 2011 4Q 2011 1Q 2012
			Perform post storm accelerated circuit reliability assessment of mainline - Post Storm	Complete	Jun-11	
			Perform post storm accelerated circuit reliability assessment of three phase - Post Storm	Complete	Jun-11	
			Perform accelerated circuit reliability assessment of single phase - Regulatory Required 2011	Complete	Jun-11	
			Install 2 FCI at one location	Complete	Nov-11	
			Change recloser settings to improve downstream coordination of protective devices	Complete	Dec-11	
			Replace recloser damaged during storm	Complete	Jan-12	
			Perform accelerated circuit reliability assessment of mainline	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	

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 77% of circuit minutes (the 5/26/10 tornado / storm at 55% of circuit minutes).</i>			2Q 2011 3Q 2011 4Q 2011 1Q 2012
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Engineering and Forestry Perform mainline vegetation assessment	Complete	Jan-11	
			Perform accelerated circuit reliability assessment of mainline	Complete	Mar-11	
			Perform accelerated circuit reliability assessment of three phase	Complete	Mar-11	
			Installed new single phase trip and lockout recloser, 74492, identified in SAIFI Analysis	Complete	May-11	
			Installed new single phase trip and lockout recloser, 74472, identified in SAIFI Analysis	Complete	May-11	
			Install FCI identified in SAIFI Analysis - 1 location total of 3 FCI	Complete	Jun-11	
			Install new 600A disconnect switches identified in SAIFI Analysis	Complete	Oct-11	
			Install new three phase fuses identified in SAIFI Analysis	Complete	Nov-11	
			GOAB Inspections (8) identified in SAIFI Analysis	Complete	Nov-11	
			Required 2011	Complete	Nov-11	
			Perform accelerated circuit reliability assessment of mainline	Complete	Mar-12	
			Perform accelerated circuit reliability assessment of three phase	Complete	Mar-12	
	Swatara Hill	00763-2	<i>Performance was primarily driven by equipment failures (46%) and lightning damage (34%)</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012
			Replace recloser along Steinruck Road	Complete	Jan-11	
			Correct 3 coordination issues	Complete	Mar-11	
			Install regulators along Roundtop Road	Complete	Jul-11	
			Install additional disconnect switches	Complete	Dec-11	
			Install fault indicators 4 locations	Complete	Dec-11	
			Perform accelerated backbone assessment	Complete	Apr-12	
			Repair broken insulator on three phase	Complete	Jul-12	
			Accelerated circuit assessment 3 phase	Complete	Apr-12	
			Balance load beyond recloser 76342	To be completed in 2012		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Flying Hills	00777-1	<i>Performance driven by a primary conductor problem (30%), a vehicle accident (21%) and a non-company tree crew (16%).</i>			1Q 2011 3Q 2011 4Q 2011 1Q 2012
			Perform accelerated three phase assessment	Complete	Feb-11	
			Perform accelerated backbone assessment	Complete	Feb-11	
			Three phase crossarm replacement from assessment	Complete	Mar-11	
			Install fault indicators nine locations	Complete	Mar-11	
			Forestry to perform off cycle patrol and trim	Complete	Apr-11	
			Install additional fault indicator	Complete	Jul-11	
			Engineering mainline recloser analysis	Complete	Dec-11	
			Perform accelerated three phase assessment	Complete	Feb-12	
			Perform accelerated backbone assessment	Complete	Feb-12	
			Install additional mainline recloser	Complete	May-12	
			Upgrade tap fuse to tap recloser	Complete	May-12	
			Replace mainline crossarms at three locations	Complete	Jun-12	
			Comprehensive tree trimming	Complete	Jun-12	
	Bernville	00786-1	<i>Performance driven by two trees non-preventable (51%) outages and an outage caused by lightning (28%).</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012
			Install three phase mainline fault indicators at two locations	Complete	May-11	
			Replace mainline recloser and move it to a more effective location	Complete	Sept-11	
			Install additional mainline recloser	Complete	Dec-11	
			Perform engineering SAIFI improvement study	Complete	Dec-11	
			Install additional mainline tap fusing	Complete	Dec-11	
			Perform accelerated backbone assessment	Complete	Jan-12	
			Replace mainline porcelain cutouts with polymer cutouts	Complete	Mar-12	
			Replace mainline crossarm from backbone assessment	Complete	Apr-12	
			Replace additional mainline porcelain cutouts with polymer cutouts	Complete	Apr-12	
			Install additional mainline recloser	Complete	May-12	
			Install additional mainline tap fusing	To be completed in 2012		
			Complete forestry assessment of three phase for SAIFI analysis	To be completed in 2012		
	Comprehensive tree trimming	To be completed in 2013				
	Windsor	00795-4	<i>Performance driven by non-preventable tree cause outages (58% of minutes)</i>			2Q 2011 3Q 2011 4Q 2011 1Q 2012
			Perform accelerated backbone and three phase assessment	Complete	Jul-11	
			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	To be completed in 2012		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	No Bangor	00813-3	<i>Performance was driven by equipment failure. 37% of minutes from a transformer failure during extreme heat on 7/22/11, and 15% of circuit minutes from a transformer failure on 7/29/11.</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011
			Perform accelerated backbone and three phase assessment	Complete	Apr-11	
			Perform in depth inspection of backbone fuses	Complete	Apr-11	
			Forestry to perform on cycle comprehensive circuit tree trimming	Complete	Jun-11	
			Upgrade step transformers	Complete	Aug-11	
			Perform accelerated backbone and three phase assessment	Complete	Mar-12	
	Shawnee	00822-3	<i>Performance was driven by equipment failure on 2/25/12 which contributed 52% of circuit minutes.</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011 1Q 2012
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Perform accelerated backbone and three phase assessment	Complete	Mar-11	
			Replace current limiting fuses on step transformers	Complete	Apr-11	
			Repair critical items identified from circuit patrol	Complete	Mar-11	
			Forestry to perform on cycle comprehensive circuit tree trimming	Complete	Jan-12	
			Perform accelerated backbone and three phase assessment	Complete	Jan-12	
			Install fault indicators	Complete	Mar-12	
			Repair conditioned items from circuit assessment	To be completed in 2012		
			Replace three sets of fault indicators	To be completed in 2012		
	No Bangor	00826-3	<i>Performance was driven by non-preventable trees, equipment failure, line failure and lightning.</i>			1Q 2011 2Q 2011 3Q 2011 4Q 2011
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Perform accelerated backbone and three phase assessment	Complete	Feb-11	
			Perform in depth inspection of backbone fuses	Complete	Apr-11	
			Operate and maintain circuit tie switches	Complete	May-11	
			Install new electronic recloser	Complete	Jun-11	
			Replace current limiting fuses on step transformers	Complete	Sep-11	
			Install Sectionalizer	Complete	Oct-11	
			Perform accelerated backbone and three phase assessment	Complete	Mar-12	

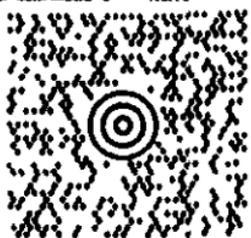
GLENN A COLDREN  
(610) 921-6633  
AE-1440  
2800 POTTSVILLE PIKE  
READING PA 19605-2459

LTR

1 OF 1

SHIP TO:

ROSEMARY CHIAVETTA, SECRETARY  
(800) 692-7375  
PA PUBLIC UTILITY COMMISSION  
2ND FLOOR  
COMMONWEALTH KEYSTONE BUILDING  
400 NORTH STREET  
HARRISBURG PA 17120-0079



PA 171 9-20



UPS NEXT DAY AIR

TRACKING #: 1Z AE1 440 01 5178 9468

1



BILLING: P/P

REF 1:503003

REF 2: legal reap - 37

WS 12.0.17

LP2442 3D. UR 07/2012



International Shipping Notice - Carriage hereunder may be subject to the rules relating to liability and other terms and/or conditions established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air (the "Warsaw Convention") and/or the Convention on the Contract for the International Carriage of Goods by Road (the "CMR Convention"). These conventions, technology or software were reported from the U.S. in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited. For shipping classes, call 1-800-742-7882. United Parcel Service, Louisville, KY

TO: CHIAVETTA, R PUC (CHIAVETTA)