



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

610-929-3601

August 1, 2011

RECEIVED

AUG 1 2011

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

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Re: Joint 2nd Quarter 2011 Reliability Report - Pennsylvania Power Company, Pennsylvania Electric Company, and Metropolitan Edison Company - Pursuant to 52 Pa. Code §57.195(d) and (e)

Dear Secretary Chiavetta:

Enclosed for filing on behalf of Pennsylvania Power Company, Pennsylvania Electric Company, and Metropolitan Edison Company (collectively, the "Companies") is an original and six (6) copies of the Joint 2nd Quarter 2011 Reliability Report – Public Version, pursuant to 52 Pa. Code §57.195(d) and (e).

On December 22, 2004, the Companies filed an Application for Protective Order at Docket No. L-000301061. The Application was granted, allowing the Companies to file proprietary versions of the quarterly reliability reports. The Proprietary Version of this report is being filed under separate cover.

Sincerely,

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

Eric J. Dickson
Director, Operations Services
(330) 384-5970
dicksone@firstenergycorp.com

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

RECEIVED

AUG 1 2011

**Joint 2nd Quarter 2011 Reliability Report :
Public Version – Pennsylvania Power :
Company, Pennsylvania Electric Company :
and Metropolitan Edison Company - :
Pursuant to 52 Pa. Code § 57.195(d) and (e) :**

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

CERTIFICATE OF SERVICE

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

Service by overnight United Parcel Service, as follows:

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

Service by overnight United Parcel Service and by electronic mail, as follows:

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Dated: August 1, 2011

Original Signed:



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AUG 1 2011

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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SECRETARY'S BUREAU

FirstEnergy[®]



Joint 2011 2nd Quarter Reliability Report

Pennsylvania Power Company,
Pennsylvania Electric Company and
Metropolitan Edison Company

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



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

610-929-3601

August 1, 2011

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

Re: Joint 2nd Quarter 2011 Reliability Report - Pennsylvania Power Company, Pennsylvania Electric Company, and Metropolitan Edison Company - Pursuant to 52 Pa. Code §57.195(d) and (e)

Dear Secretary Chiavetta:

Enclosed for filing on behalf of Pennsylvania Power Company, Pennsylvania Electric Company, and Metropolitan Edison Company (collectively, the "Companies") is an original and six (6) copies of the Joint 2nd Quarter 2011 Reliability Report – Public Version, pursuant to 52 Pa. Code §57.195(d) and (e).

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

**Joint 2nd Quarter 2011 Reliability Report –
Pennsylvania Power Company,
Pennsylvania Electric Company and
Metropolitan Edison Company**

The following Joint 2nd Quarter 2011 Reliability Report is filed on behalf of Pennsylvania Power Company (“Penn Power”), Pennsylvania Electric Company (“Penelec”), and Metropolitan Edison Company (“Met-Ed”), collectively referred to as the “Companies” for the period-ending June 30, 2011.

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

Major Events

FirstEnergy Company	Customers Affected	Time and Duration of the Event		Cause of the Event	Commission Approval Status
Penn Power	22,009	Duration	20 hours 6 minutes	High winds	Approved May 18, 2011
		Start Date/Time	April 17, 2011 11:54am		
		End Date/Time	April 18, 2011 8:05am		
Penn Power	42,218	Duration	11 hours 24 minutes	Transmission conductor full tension splice failure	Commission Staff verbally indicated this exclusion request is acceptable on July 27, 2011
		Start Date/Time	May 24, 2011 7:19pm		
		End Date/Time	May 25, 2011 6:43am		
Penelec	74,725	Duration	6 days 6 hours 8 minutes	High winds with heavy rain and severe thunderstorms	Commission Staff verbally indicated this exclusion request is acceptable on July 27, 2011
		Start Date/Time	May 25, 2011 8:52pm		
		End Date/Time	June 1, 2011 3:00am		

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

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

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 2011 (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	0.93	1.26	1.52	1.32	1.15	1.38	1.42 ²
CAIDI	101	121	126 ³	117	141	117	117	140	114
SAIDI	113	162	118	148	213	155	135	194	162
Customers Served ^(a)	158,462			585,496			548,397		
Number of Sustained Interruptions	3,125			12,006			9,788		
Customers Affected	147,853			774,271			779,596		
Customer Minutes	18,626,885			90,659,088			88,992,379		

(a) Represents the average number of customers served during the reporting period.

Penn Power	
SAIFI	31% better than Commission's 12-Month Standard 17% better than Commission's Benchmark
SAIDI	27% better than Commission's 12-Month Standard
Penelec	
SAIFI	13% better than Commission's 12-Month Standard 5% improvement over 12-Month Rolling Actual for 1Q2011
CAIDI	17% better than Commission's 12-Month Standard Equal to Commission's Benchmark 5% improvement over 12-Month Rolling Actual for 1Q2011
SAIDI	27% better than Commission's 12-Month Standard 10% improvement over 12-Month Rolling Actual for 1Q2011
Met-Ed	
SAIFI	3% improvement over 12-Month Rolling Actual for 1Q2011
CAIDI	19% better than Commission's 12-Month Standard 3% better than Commission's Benchmark
SAIDI	16% better than Commission's 12-Month Standard

² Met-Ed's SAIFI has shown a 3% improvement over 1Q2011, however the higher-than-normal SAIFI is directly attributed to several non-excludable storm events. In 2011, Met-Ed will continue a series of reliability improvement initiatives to "harden" the three-phase distribution backbone. Examples of these SAIFI initiatives include SAIFI engineering analysis on the high SAIFI circuits and installing additional fuses and reclosers as well as continued emphasis on improved handling of Forestry Management to target overhang and off-corridor danger trees.

³ Penn Power's higher-than-normal CAIDI is directly attributed to several non-excludable storm events as well as a substation vandalism incident. The substation vandalism resulted in a 16 minute CAIDI impact. In addition, Penn Power has experienced 19 non-excludable storm events in the first half of 2011 as compared to their historical average of 8 non-excludable storm events. These non-excludable storm events have contributed to 53% of the year to date total customer minutes of interruption.

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

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

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

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

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

Worst Performing Circuits – Remedial Action

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

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

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 2011 12-Month Rolling	Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
TREES/NOT PREVENTABLE	6,517,582	733	33,459	23.46%
LIGHTNING	1,981,360	418	13,819	13.38%
EQUIPMENT FAILURE	1,715,550	397	37,735	12.70%
ANIMAL	680,530	392	9,859	12.54%
BIRD	322,471	316	5,061	10.11%
LINE FAILURE	2,091,872	304	13,116	9.73%
UNKNOWN	641,959	158	7,542	5.06%
VEHICLE	1,167,681	90	8,785	2.88%
OVERLOAD	136,051	81	2,297	2.59%
FORCED OUTAGE	197,158	64	7,092	2.05%
PREVIOUS LIGHTNING	39,823	46	380	1.47%
HUMAN ERROR -NON-COMPANY	153,635	40	2,841	1.28%
TREES/PREVENTABLE	86,884	40	570	1.28%
CUSTOMER EQUIPMENT	10,453	10	129	0.32%
HUMAN ERROR - COMPANY	52,172	9	638	0.29%
OBJECT CONTACT WITH LINE	6,634	8	162	0.26%
UG DIG-UP	6,027	7	16	0.22%
VANDALISM	2,814,964	5	4,335	0.16%
OTHER ELECTRIC UTILITY	1,724	2	8	0.06%
ICE	1,510	2	4	0.06%
FIRE	302	2	4	0.06%
WIND	543	1	1	0.03%
TOTAL	18,626,885	3,125	147,853	100.00%

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

Proposed Solutions – Penn Power

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. In addition, additional assessments on eleven of Penn Power’s circuits with significant tree caused outages have been completed through May 2011.

Lightning

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

Equipment Failure

The number of equipment failures are 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.

Penn Power’s review has shown an increase in the number of outages from cutouts. Porcelain cutouts were found to be the major cause for cutout-related outages, resulting in the discontinued use of porcelain cutouts for new installations, and older porcelain cutouts are being replaced with new polymer cutouts when they fail.

In 2010, 101 of Penn Power's circuits main feed three phase backbone was inspected twice, once in the winter/spring and once in the fall, to identify critical problems before they cause an outage. Infrared scanning of three phase backbone occurred on 9 circuits. These scans find "hot spots" that are repaired before they can cause an outage. In addition, comprehensive helicopter inspections were performed on 119 miles of 69kV lines to identify critical problems before and outage is caused.

Following a series of storms in May 2011, Penn Power performed inspections on the three phase backbones of 19 circuits which were hit hard by the weather. Critical items likely to cause an outage were identified for repair before an outage is caused.

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

Outages by Cause – Penelec

Outages by Cause				
2nd Quarter 2011 12-Month Rolling	Penelec			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
EQUIPMENT FAILURE	30,384,315	3,644	282,379	30.35%
UNKNOWN	7,216,447	1,812	78,118	15.09%
TREES/NOT PREVENTABLE	22,550,467	1,746	131,025	14.54%
ANIMAL	1,303,369	1,143	15,538	9.52%
LINE FAILURE	13,269,948	1,062	123,425	8.85%
FORCED OUTAGE	3,704,262	676	40,920	5.63%
LIGHTNING	3,536,952	472	31,078	3.93%
VEHICLE	4,245,432	357	28,651	2.97%
BIRD	388,075	323	5,819	2.69%
OVERLOAD	815,322	158	9,359	1.32%
OTHER ELECTRIC UTILITY	323,803	103	2,386	0.86%
HUMAN ERROR -NON-COMPANY	1,086,937	91	8,520	0.76%
HUMAN ERROR - COMPANY	73,582	88	2,654	0.73%
PREVIOUS LIGHTNING	173,435	80	3,553	0.67%
UG DIG-UP	338,592	66	1,762	0.55%
TREES/PREVENTABLE	40,977	42	355	0.35%
ICE	19,788	39	143	0.32%
OBJECT CONTACT WITH LINE	562,656	32	2,784	0.27%
FIRE	40,569	20	307	0.17%
VANDALISM	348,837	18	1,489	0.15%
CUSTOMER EQUIPMENT	28,449	15	198	0.12%
CONTAMINATION	4,050	7	65	0.06%
SWITCHING ERROR	171,948	6	3,391	0.05%
OTHER UTILITY-NON ELEC	29,356	5	333	0.04%
WIND	1,520	1	19	0.01%
TOTAL	90,659,088	12,006	774,271	100.00%

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

Proposed Solutions – Penelec

Equipment Failure

Porcelain cutout failures represent approximately one third of the equipment failure outages in Penelec. 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 5 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.*

Unknown Outages

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

Trees 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 our normal tree trimming maintenance program.

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

Outages by Cause – Met-Ed

Outages by Cause				
2nd Quarter 2011 12-Month Rolling	Met-Ed			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
EQUIPMENT FAILURE	15,955,373	2,501	31,627	25.55%
TREES/NOT PREVENTABLE	36,074,913	2,036	1,952	20.80%
ANIMAL	2,797,769	1,434	104	14.65%
UNKNOWN	3,838,229	1,036	198,855	10.58%
LINE FAILURE	10,337,418	914	28	9.34%
LIGHTNING	3,492,954	395	56,654	4.04%
FORCED OUTAGE	3,137,625	352	26,246	3.60%
VEHICLE	6,438,572	298	11,275	3.04%
BIRD	154,734	209	13	2.14%
TREES/PREVENTABLE	561,611	149	27,638	1.52%
OVERLOAD	573,506	95	79,426	0.97%
HUMAN ERROR -NON-COMPANY	656,658	80	4,798	0.82%
PREVIOUS LIGHTNING	115,880	67	4,204	0.68%
HUMAN ERROR - COMPANY	370,714	52	79	0.53%
WIND	3,029,355	51	6,487	0.52%
UG DIG-UP	82,446	36	1,042	0.37%
OBJECT CONTACT WITH LINE	554,040	25	192,094	0.26%
VANDALISM	377,006	18	6,198	0.18%
CUSTOMER EQUIPMENT	9,666	17	329	0.17%
OTHER ELECTRIC UTILITY	408,105	14	52,590	0.14%
FIRE	8,633	4	3,142	0.04%
ICE	1,123	3	56,863	0.03%
OTHER UTILITY-NON ELEC	16,049	2	17,952	0.02%
TOTAL	88,992,379	9,788	779,596	100.00%

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

Proposed Solutions – Met-Ed

Equipment Failure

The number of equipment failures are 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 high frequencies of animal-related outages are 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.

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

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 2011		Penn Power			Penelec			Met-Ed		
		Planned	Completed		Planned	Completed		Planned	Completed	
		Annual	2Q	YTD	Annual	2Q	YTD	Annual	2Q	YTD
Forestry	Transmission (Miles)	30.39	9.00	30.00	185.35	18.00	18.00	78.58	24.00	24.00
	Distribution (Miles)	1,136	298	617	3,729	893	1,664	2,874	629	1,223
Transmission	Aerial Patrols	2	1	1	2	1	1	2	1	1
	Groundline ⁴	0	0	0	1,301	0	0	0	0	0
Substation	General Inspections	960	240	480	4,956	1,239	2,478	2,616	654	1,308
	Transformers	125	70	125	761	160	722	337	184	308
	Breakers	36	26	29	439	138	382	241	84	146
	Relay Schemes	87	28	52	736	221	504	315	30	157
Distribution	Capacitors	995	3	998	8,654	158	8,654	4,621	6	4,627
	Poles	10,600	8,844	10,718	41,111	34,178	34,178	28,433	0	31,428
	Reclosers	748	383	383	2,478	0	0	901	0	901
	Radio-Controlled Switches	Penn Power has no radio-controlled switches			2,164	870	1,082	98 ⁵	49	49

General Note:

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

⁴ Transmission groundline inspections:

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

⁵ Plan number changed from 92 to 98 due to the installation of additional switches

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

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 Expenditures⁶

T&D O&M - 2Q / YTD June 2011 (\$)						
Company	PUC Category	2Q Actuals	2Q Budget	YTD Actual	YTD Budget	Annual Budget
Penn Power	Corrective Maintenance	295,507	101,603	499,684	173,769	368,409
	Preventive Maintenance	167,078	0	266,861	0	0
	Storms	333,108	301,394	483,367	592,888	1,195,123
	Vegetation Management	127,833	236,846	255,103	503,687	884,234
	Misc	1,025,979	1,331,849	1,781,559	2,706,039	5,186,713
	Operations	386,913	372,608	1,023,264	906,982	1,402,946
Penn Power Total		2,336,418	2,344,300	4,309,838	4,883,365	9,037,425
Penelec	Corrective Maintenance	816,799	941,056	1,598,549	1,745,890	3,695,388
	Preventive Maintenance	1,642,649	1,285,008	3,050,358	2,398,264	5,032,902
	Storms	2,913,576	971,570	3,424,010	1,863,734	3,866,263
	Vegetation Management	1,449,055	1,108,838	2,216,315	1,817,214	4,986,170
	Misc	2,587,434	3,479,779	4,831,840	6,618,005	13,844,151
	Operations	3,499,112	3,931,469	7,255,043	8,678,716	16,212,823
Penelec Total		12,908,625	11,717,720	22,376,115	23,121,823	47,637,697
Met-Ed	Corrective Maintenance	626,587	656,987	1,287,708	1,311,562	2,656,243
	Preventive Maintenance	628,838	960,979	1,310,214	1,865,776	3,733,258
	Storms	2,165,148	2,213,884	7,049,456	4,304,919	8,796,475
	Vegetation Management	1,111,645	1,024,944	1,710,545	1,870,466	4,784,291
	Misc	2,762,667	2,593,581	4,924,537	4,821,299	9,672,868
	Operations	3,202,746	3,265,304	6,713,196	6,546,971	11,637,799
Met-Ed Total		10,497,631	10,715,679	22,995,656	20,720,993	41,280,934
Grand Total		25,742,674	24,777,699	49,681,609	48,726,181	97,956,056

⁶ Budgets subject to change

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

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

Budgeted vs. Actual T&D Capital Expenditures⁷

T&D Capital Only Includes CIAC (net) - 2Q / YTD June 2011 (\$)						
Company	PUC Category	2Q Actual	2Q Budget	YTD Actual	YTD Budget	Annual Budget
Penn Power	New Business	1,008,222	715,770	2,239,401	1,143,173	2,860,500
	Reliability	1,191,032	2,421,659	1,911,027	4,581,243	8,884,642
	Capacity	289,282	287,789	485,739	511,226	516,666
	Misc*	80,802	131,966	586,998	652,693	1,302,047
	Forced	2,317,502	1,343,204	3,914,724	2,573,894	4,805,563
	Vegetation Management	1,246,253	1,265,675	2,609,486	2,726,069	4,867,980
Penn Power Total		6,133,093	6,166,063	11,747,376	12,188,298	23,237,398
Penelec	New Business	3,718,826	5,130,080	7,321,701	9,260,686	19,321,082
	Reliability	3,904,304	10,854,127	14,530,744	24,084,914	39,198,455
	Capacity	5,051,828	3,517,940	10,246,774	10,691,302	18,435,969
	Misc*	(188,819)	3,191,814	499,968	8,004,784	17,564,055
	Forced	16,194,814	9,658,184	23,290,712	14,946,746	28,527,644
	Vegetation Management	4,307,649	4,276,654	8,226,491	7,618,089	15,669,629
Penelec Total		32,988,601	36,628,799	64,116,391	74,606,521	138,716,834
Met-Ed	New Business	3,339,537	5,477,362	6,796,008	10,497,498	21,454,639
	Reliability	5,748,376	5,776,197	10,591,043	11,998,698	25,848,587
	Capacity	2,661,027	1,023,639	4,512,925	3,406,439	7,944,344
	Misc*	(1,118,355)	2,987,610	551,938	5,636,781	9,552,347
	Forced	10,498,003	5,075,657	16,106,221	10,847,747	21,518,803
	Vegetation Management	4,242,672	3,826,726	7,917,232	7,507,770	15,756,410
Met-Ed Total		25,371,260	24,167,191	46,475,367	49,894,932	102,075,130
Grand Total		64,492,954	66,962,053	122,339,134	136,689,751	264,029,362

*Misc 2Q and YTD actuals reflect timing of construction overhead clearing.

⁷ Budgets subject to change

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

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 2011					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	27	28		
	Lineman	54	63		
Substation	Technician	6	3		
	Construction & Maintenance (C&M)	14	20		
Total		101	114		

Penelec 2011					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	140	148		
	Lineman	189	196		
Substation	Technician	8	6		
	Construction & Maintenance (C&M)	69	71		
Total		406	421		

Met-Ed 2011					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	53	52		
	Lineman	159	168		
Substation	Technician	12	10		
	Construction & Maintenance (C&M)	57	58		
Total		281	288		

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

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

Contractor Expenditures

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

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

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

Call-out Acceptance Rate

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

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

Call-out Response

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

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

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ATTACHMENT A

Worst Performing Circuits - Reliability Indices

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

The Companies define their 5% worst performing circuits based on SAIDI. The Companies use SAIDI as a measure of circuit performance. The SAIDI index is a measure of the total customer minutes of distribution outages on the circuit. Beginning in 2006, distribution circuits were ranked based on SAIDI contribution to the overall Company SAIDI (customer minutes).

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	ZELIENOPLE	D603	ZELIENOPLE	1,218	22	0	331,386	1,264	2.09	272	1.04	262	0.00
2	THOMPSON RUN	D550	ZELIENOPLE	1,019	16	0	301,644	1,685	1.90	296	1.65	179	0.00
3	ELLWOOD SW STR	D590	ZELIENOPLE	1,656	10	0	298,959	1,202	1.88	181	0.73	249	0.00
4	CANAL	W-102	CLARK	1,602	16	1	250,630	1,909	1.58	156	1.19	131	1.00
5	STONEBORO	W-131	CLARK	1,430	20	0	239,471	567	1.51	167	0.40	422	0.14
6	DARLINGTON	D-535	ZELIENOPLE	530	10	0	233,949	428	1.47	441	0.81	547	0.00
7	DARLINGTON	D-536	ZELIENOPLE	1,048	18	0	190,888	684	1.20	182	0.65	279	0.00
8	PERRY	W-156	CLARK	1,042	15	0	168,504	646	1.06	162	0.62	261	0.99
9	KOPPEL	D-532	NEW CASTLE	1,198	11	0	164,466	1,073	1.04	137	0.90	153	0.00

- (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.

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)
1	Springboro	00237-52	Meadville	2,852	85	0	1,497,958	7,297	2.56	525	2.56	205	15.71
2	Union City	00206-43	Corry	3,775	120	0	986,738	5,504	1.69	261	1.46	179	8.16
3	Blairsville East	00080-13	Indiana	1,081	23	0	959,372	4,779	1.64	887	4.42	201	2.86
4	Warren South	00220-41	Warren	2,971	77	1	901,989	8,142	1.54	304	2.74	111	6.17
5	DuBois	00137-23	DuBois	2,896	73	0	880,183	4,132	1.50	304	1.43	213	2.14
6	Grover	00527-63	Mansfield	1,059	64	1	838,667	2,921	1.43	792	2.76	287	4.91
7	Birmingham	00168-22	Philpsburg	1,052	45	2	824,550	4,876	1.41	784	4.63	169	3.58
8	Logan	00700-81	Lewistown	1,035	41	1	754,225	2,803	1.29	729	2.71	269	16.46
9	East Pike	00096-13	Indiana	2,617	24	0	746,933	3,885	1.28	285	1.48	192	4.57
10	Honey Grove	00135-83	Shippensburg	426	19	0	723,250	932	1.24	1,698	2.19	776	8.55
11	Blairsville East	00082-13	Indiana	1,593	34	3	715,048	7,428	1.22	449	4.66	96	31.16
12	Erie South	00259-31	Erie	2,450	77	0	695,889	6,028	1.19	284	2.46	115	0.32
13	McVeytown	00112-81	Lewistown	1,359	56	1	666,995	1,806	1.14	491	1.33	369	10.86
14	Starrucca	00744-65	Montrose	872	30	1	623,359	2,316	1.06	715	2.66	269	9.70
15	Mansfield	00559-63	Mansfield	541	29	3	607,074	2,217	1.04	1,122	4.10	274	11.15
16	Madera	00166-22	Philpsburg	2,234	74	0	601,030	4,351	1.03	269	1.95	138	6.67
17	Scalp Level	00932-11	Johnstown	865	22	0	596,174	2,103	1.02	689	2.43	283	3.36
18	Lucerne	00091-13	Indiana	1,853	30	0	589,034	4,030	1.01	318	2.17	146	0.07
19	Meyersdale North	00022-12	Somerset	1,588	32	0	583,699	4,949	1.00	368	3.12	118	12.68
20	Marland	00149-81	Lewistown	1,315	47	1	573,615	3,419	0.98	436	2.60	168	8.80
21	Hammett	00504-31	Erie	1,389	27	1	560,339	6,043	0.96	403	4.35	93	13.06
22	Honey Grove	00134-83	Shippensburg	450	25	3	550,453	1,756	0.94	1,223	3.90	313	17.61
23	Covington	00729-63	Mansfield	752	50	0	536,837	2,076	0.92	714	2.76	259	0.28
24	Ralphton	00014-12	Somerset	1,643	42	0	517,847	2,718	0.88	315	1.65	191	9.30
25	Marienville	00328-51	Oil City	1,201	37	0	503,145	3,043	0.86	419	2.53	165	12.42
26	Safix	00070-11	Johnstown	2,189	39	2	499,713	10,168	0.85	228	4.65	49	5.87
27	Falls	00297-65	Tunkhannock	831	31	0	488,779	3,199	0.83	588	3.85	153	3.53
28	Lenox	00755-65	Montrose	689	24	0	480,985	1,612	0.82	698	2.34	298	3.98

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)	CARDI (7)	MAIFI (7)
29	Lowell Avenue	00518-31	Erie	968	30	2	444,020	3,825	0.76	459	3.95	116	25.52
30	Rolling Meadows	00310-31	Erie	3,052	32	1	443,636	4,750	0.76	145	1.56	93	5.63
31	Cooper	00069-11	Johnstown	685	12	1	436,256	1,642	0.75	637	2.40	266	12.94
32	East Towanda	00525-62	Towanda	617	39	1	425,480	2,572	0.73	690	4.17	165	50.50
33	Carlisle Pike	00643-83	Shippensburg	3,077	27	1	415,099	4,461	0.71	135	1.45	93	6.48
34	Pennmar	00001-12	Somerset	384	19	2	411,900	1,823	0.70	1,073	4.75	226	6.74
35	Union City	00207-43	Corry	844	38	3	399,547	2,309	0.68	473	2.74	173	12.30
36	Eldred	00119-42	Bradford	859	20	2	398,007	2,051	0.68	463	2.39	194	5.59
37	Tunkhannock	00533-65	Tunkhannock	1,242	57	0	392,699	2,595	0.67	316	2.09	151	20.55
38	Philpsburg	00162-22	Philpsburg	3,272	65	0	388,768	1,714	0.66	119	0.52	227	3.66
39	Mansfield	00558-63	Mansfield	740	33	1	362,198	2,515	0.62	489	3.40	144	6.88
40	Saxton	00624-73	Bedford	629	13	0	361,194	530	0.62	574	0.84	681	1.99
41	Lewis Run	00409-42	Bradford	731	26	0	360,567	1,037	0.62	493	1.42	348	3.52
42	Punxsutawney	00625-23	DuBois	494	11	0	358,905	1,811	0.61	727	3.67	198	19.54
43	Edgewood	00089-13	Indiana	901	32	3	358,193	4,121	0.61	398	4.57	87	7.00
44	Tower 51	00051-11	Johnstown	552	8	0	352,650	1,155	0.60	639	2.09	305	9.21
45	Three Springs	00641-82	Huntingdon	539	9	1	345,713	690	0.59	641	1.28	501	3.70
46	Shelcta	00102-13	Indiana	1,186	22	0	345,249	3,587	0.59	291	3.02	96	4.92
47	Somerset	00030-12	Somerset	2,424	29	0	343,551	2,806	0.59	142	1.16	122	9.52
48	Seward	00075-11	Johnstown	1,034	41	0	339,490	3,528	0.58	328	3.41	96	7.69
49	Fallen Timbers	00693-22	Philpsburg	488	16	1	337,041	1,617	0.58	691	3.31	208	19.50
50	Greenwood	00002-71	Altoona	967	7	0	336,754	1,250	0.58	348	1.29	269	3.59
51	Bradford South	00106-42	Bradford	1,187	30	0	332,635	1,326	0.57	280	1.12	251	1.23
52	Glory	00105-13	Indiana	427	11	1	317,107	1,198	0.54	743	2.81	265	7.88
53	Edinboro	00420-34	Erie	1,589	25	2	314,433	4,427	0.54	198	2.79	71	6.29
54	Susquehanna	00279-65	Montrose	622	11	2	309,586	1,455	0.53	498	2.34	213	14.16
55	Walnut Street	00520-31	Erie	1,781	13	0	309,291	4,305	0.53	174	2.42	72	1.35

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)
56	Somerset	00016-12	Somerset	1,191	34	1	306,959	2,030	0.52	258	1.70	151	19.73
57	Rockton Mountain	00138-21	Clearfield	487	28	2	303,407	2,521	0.52	623	5.18	120	9.82
58	Thompson	00436-65	Monroese	1,361	65	0	300,152	1,974	0.51	221	1.45	152	12.83
59	Snakespring	00602-73	Bedford	1,506	16	0	298,366	2,990	0.51	198	1.99	100	35.61

- (1) Average number of customers served by the circuit for the 12-month period.
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- (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.

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	ALLEN	00503-4	DILLSBURG	2,088	54	2	1,592,810	8,491	2.90	763	4.07	188	15.66
2	SHAWNEE	00822-3	STROUDSBURG	3,565	82	2	1,532,782	14,063	2.80	430	3.94	109	3.31
3	MYERSTOWN	00750-2	LEBANON	1,449	24	2	1,325,757	3,853	2.42	915	2.66	344	0.00
4	SHAWNEE	00895-3	STROUDSBURG	3,874	93	1	1,308,319	8,439	2.39	338	2.18	155	12.85
5	SWATARA HLL	00763-2	LEBANON	1,449	36	3	1,165,373	7,373	2.13	804	5.09	158	1.00
6	ALLEN	00502-4	DILLSBURG	1,031	37	3	1,126,128	3,076	2.05	1,092	2.98	366	21.03
7	CROSSROADS	00728-4	YORK	1,102	63	0	1,106,431	3,498	2.02	1,004	3.17	316	1.99
8	BATH	00873-3	EASTON	2,142	53	2	1,047,010	6,398	1.91	489	2.99	164	14.47
9	SHAWNEE	00860-3	STROUDSBURG	3,253	61	3	1,035,659	12,734	1.89	318	3.91	81	10.87
10	NO BANGOR	00826-3	EASTON	3,202	114	0	1,024,294	8,147	1.87	320	2.54	126	1.84
11	WINDSOR	00797-4	YORK	1,613	63	2	983,937	4,787	1.79	610	2.97	206	6.87
12	TOLNA	00793-4	YORK	1,496	50	2	958,779	6,749	1.75	641	4.51	142	1.27
13	NO BANGOR	00813-3	EASTON	1,326	39	0	886,986	3,257	1.62	669	2.46	272	0.99
14	DILLSBURG	00746-4	DILLSBURG	2,328	30	0	840,509	2,732	1.53	361	1.17	308	1.00
15	BERNVILLE	00786-1	HAMBURG	1,829	58	2	825,063	6,285	1.50	451	3.44	131	2.08
16	WINDSOR	00795-4	YORK	966	55	2	797,885	2,439	1.45	826	2.52	327	0.00
17	ORRTANNA	00764-4	GETTYSBURG	1,673	50	2	785,379	5,259	1.43	469	3.14	149	2.00
18	RINGING ROCKS	00708-1	BOYERTOWN	2,203	43	2	703,113	9,907	1.28	319	4.50	71	8.17
19	MOUNTAIN	00743-4	DILLSBURG	1,008	26	1	694,684	2,789	1.27	689	2.77	249	2.05
20	BIRCHWOOD	00624-3	STROUDSBURG	1,863	35	2	691,788	5,415	1.26	371	2.91	128	15.71
21	MOUNTAIN	00742-4	DILLSBURG	1,388	47	1	690,239	2,609	1.26	497	1.88	265	5.37
22	BIRDSBORO	00757-1	READING	1,920	48	2	674,736	5,670	1.23	351	2.95	119	6.46
23	HILL SUB	00737-4	YORK	2,165	39	1	671,668	6,733	1.22	310	3.11	100	5.02
24	STRABAN	00676-4	GETTYSBURG	1,080	53	1	664,162	3,261	1.21	615	3.02	204	2.00
25	YORKANA	00708-4	YORK	2,338	52	2	653,441	5,254	1.19	279	2.25	124	4.49
26	ANNVILLE	00743-2	LEBANON	1,144	34	0	650,173	3,923	1.19	568	3.43	166	0.16
27	LYNIVILLE	00749-1	HAMBURG	806	47	3	637,833	3,586	1.16	791	4.45	178	14.56

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)
28	BARTO	00705-1	BOYERTOWN	2,081	103	2	612,167	6,291	1.12	294	3.02	97	17.05
29	CLEARFIELD	00631-3	EASTON	1,862	42	2	606,389	5,897	1.11	326	3.17	103	0.00
30	HILL	00735-4	YORK	1,571	56	2	596,758	6,170	1.09	380	3.93	97	8.00
31	TAXVILLE	00575-4	YORK	2,126	45	1	595,393	4,079	1.09	280	1.92	146	8.00
32	S NAZARETH	00809-3	EASTON	2,900	74	2	594,189	6,991	1.08	205	2.41	85	22.23
33	YOE	00559-4	YORK	2,542	32	2	580,613	5,630	1.06	228	2.21	103	17.97
34	SPRINGWOOD	00680-4	YORK	1,541	23	1	580,385	3,604	1.06	377	2.34	161	0.00
35	MOUNTAIN	00744-4	DILLSBURG	1,809	64	0	561,526	1,656	1.02	310	0.92	339	2.36
36	FOX HILL	00816-3	STROUDSBURG	3,746	65	0	517,690	4,510	0.94	138	1.20	115	13.01
37	BERN CHURCH	00789-1	READING	1,429	47	0	514,026	3,257	0.94	360	2.28	158	12.29

- (1) Average number of customers served by the circuit for the 12-month period.
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- (7) Distribution circuit SAIDI, SAIFI, CAIDI and MAIFI 12-Month Rolling due to distribution outage causes.

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

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ATTACHMENT B

Worst Performing Circuits – Remedial Action

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

In addition to specific remedial efforts taken and planned for the worst performing 5% of circuits identified in 52 PA Code § 57.195(e)(3), the Companies have identified circuits that have been on this list for one year or more, or in four out of six quarters, in accordance with the Stratified Management and Operations Audit Implementation Plan dated February 14, 2007, Recommendation 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	Zelienople	D603	Performance was driven by one outage caused by a non-preventable tree during weather conditions.			
			Problem tree was removed at time of restoration	Complete	Apr-11	
			Forestry to trim circuit in 2012	To be completed 2012		
2	Thompson Run	D550	Performance was driven by two outages caused by a non-preventable tree and lightning during weather conditions.			
			Problem tree was removed at time of restoration and lightning damage was repaired at the time of restoration	Complete	Apr-11	
			Forestry to trim circuit in 2011	To be completed 2011		
3	Elwood Sw STR	D590	Performance was driven by one outage caused by a non-preventable tree during weather conditions.			
			Problem tree was removed at time of restoration	Complete	Apr-11	
			Forestry to trim circuit in 2012	To be completed 2012		
4	Canal	W-102	Performance was driven by one outage caused by a non-preventable trees during weather conditions			
			Problem tree was removed at time of restoration	Complete	May-11	
5	Stoneboro	W-131	Performance was driven by one outage caused by lightning during weather conditions.			
			Lightning damage was repaired at the time of restoration	Complete	May-11	
6	Darlington	D-535	Performance was driven by one outage caused by a non-preventable tree.			
			Problem tree was removed at time of restoration	Complete	Jun-11	
			Forestry to trim circuit in 2011	To be completed 2011		
7	Darlington	D-536	Performance was driven by three outages caused by non-preventable trees during weather conditions.			
			Problem tree was removed at time of restoration	Complete	Jun-11	
			Forestry to trim circuit in 2011	To be completed 2011		

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Penn Power						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
8	Perry	W-156	Performance was driven by one outage caused by non-preventable tree during weather conditions.			
			Problem tree was removed at time of restoration	Complete	May-11	
9	Koppel	D-532	Performance was driven by one outage caused by a non-preventable tree during weather conditions.			
			Problem tree was removed at time of restoration	Complete	Apr-11	
	Hartstown	W-126	The performance of this circuit was driven by two outages caused by non-preventable trees during weather conditions.			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Engineering field review of the section of circuit served by a recloser. No additional work identified	Complete	Jul-09	
			Engineering field review of the section of circuit served by substation breaker. No additional work identified	Complete	May-09	
			Complete reliability work identified	Complete	Sep-09	
			Problem tree was removed at time of restoration	Complete	Dec-09	
			Problem tree was removed at time of restoration	Complete	Jun-10	
			Problem tree was removed at time of restoration	Complete	Jul-10	
			Forestry to trim circuit in 2010	Complete	Jun-10	
			A targeted engineering review was conducted on the circuit and a capital project was developed from the review aimed at improving the reliability of a portion of the circuit, which has been experiencing line and equipment failures, through the replacement	Complete	Feb-11	
Problems trees were removed at time of outage	Complete	Mar-11				

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Penelec							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
1	Springboro	00237-52	Performance was driven by equipment failure and lightning damage during minor storm and human error.				1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Repair lightning damage from minor storm	Complete	Jul-10		
			Repair equipment damage from minor storm	Complete	Feb-11		
			Repair equipment damage from minor storm	Complete	Apr-11		
			Repair damage from tree trimmers	Complete	Jun-11		
			2011 Circuit Inspection	To be completed 2011			
			Targeted Mainline Reliability Equipment Replacement	To be completed 2011			
			Full Cycle Tree Clearing	To be completed 2011			
2	Union City	00206-43	Performance was driven by trees non-preventable, equipment failure, unknown and lightning damage during minor storms.				1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 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		
3	Blairsville East	00080-13	Performance was driven by trees non-preventable during minor storm.				1Q 2010 2Q 2010 3Q 2010 4Q 2010 2Q 2011
			Targeted Mainline Reliability Equipment Replacement	Complete	Jan-10		
			Repair tree damage from minor storm	Complete	Apr-11		
			Repair tree damage from minor storm	Complete	Jun-11		
			Full Cycle Tree Clearing	To be completed 2011			
4	Warren South	00220-41	Performance was driven by non-preventable tree damage during minor storm and equipment failure.				1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Repair tree damage from minor storm	Complete	Nov-10		
			Repair tree damage from minor storm	Complete	Apr-11		
			Repair equipment damage	Complete	Jun-11		
			Full Cycle Tree Clearing	To be completed 2011			

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Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
5	DuBois	00137-23	Performance was driven by trees non-preventable and line failure during minor storm.			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Reliability Coordinator to inspect circuit based on outage history	Complete	Feb-10	
			Repair tree damage from minor storm	Complete	Nov-10	
			Repair tree damage from minor storm	Complete	Feb-11	
			Repair line failure during minor storm	Complete	Apr-11	
			Full Cycle Tree Clearing	Complete	Apr-11	
6	Grover	00527-63	Performance was driven by equipment failure and non-preventable trees during minor storms.			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Repair equipment damage	Complete	Aug-10	
			Repair tree damage from minor storm	Complete	Mar-11	
			Full Cycle Tree Clearing	Complete	May-11	
7	Birmingham	00168-22	Performance was driven by non-preventable trees, car-pole accident, equipment failure and customer cutting tree into line.			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Add additional protection per circuit coordination	Complete	Aug-10	
			Repair damage from car-pole accident	Complete	Jul-10	
			Review circuit for additional fault indicators	Complete	Jul-10	
			Repair equipment failure	Complete	Feb-11	
			Targeted Mainline Reliability Equipment Replacement	To be completed 2011		
			2011 Circuit Inspection	To be completed 2011		
8	Logan	00700-81	Performance was driven by trees non-preventable during minor storm.			
			Repair tree damage from minor storm	Complete	Feb-11	
			Repair tree damage from minor storm	Complete	Apr-11	
9	East Pike	00096-13	Performance was driven by equipment failure and non-preventable trees during minor storms.			
			Repair tree damage and equipment failure during minor storm	Complete	Apr-11	
10	Honey Grove	00135-83	Performance was driven by equipment failure and non-preventable trees during minor storms.			
			Repair tree damage and equipment failure during minor storm	Complete	Apr-11	

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Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
11	Blairsville East	00082-13	Performance was driven by equipment failure, unknown outage, non-preventable trees and line failure.			2Q 2010
			Repair tree damage	Complete	Aug-10	3Q 2010
			Repair equipment damage	Complete	Feb-11	4Q 2010
			Full Cycle Tree Clearing	Complete	Feb-11	1Q 2011
12	Erie South	00259-31	Performance was driven by equipment failure, trees non-preventable and unknowns during minor storms.			1Q 2010
			Repair conditions found by previous reliability inspection	Complete	Jun-10	2Q 2010
			Repair equipment damage	Complete	Oct-10	3Q 2010
			Reliability Coordinator to inspect circuit based on outage history	Complete	Jan-11	4Q 2010
			Repair equipment damage	Complete	Apr-11	1Q 2011
13	McVeytown	00112-81	Performance was driven by equipment and line failure during minor storm.			
			Repair equipment and line failure during minor storm	Complete	Apr-11	
14	Starruca	00744-65	Performance was driven by trees non-preventable during minor storms.			
			Repair tree damage from minor storm	Complete	Nov-10	
			Repair tree damage from minor storm	Complete	Feb-11	
			Repair tree damage from minor storm	Complete	Apr-11	
			2011 Circuit Inspection	To be completed 2011		
			Full Cycle Tree Clearing	To be completed 2011		
15	Mansfield	00559-63	Performance was driven by line failure and trees non-preventable during minor storm, equipment failure and a car-pole accident.			
			Repair tree damage from minor storm	Complete	Mar-11	
			Repair damage from car-pole accident	Complete	Apr-11	
			Repair equipment damage	Complete	Apr-11	
			Repair line failure	Complete	Jun-11	
			2011 Circuit Inspection	To be completed 2011		

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared In 4 of 6 Quarters
16	Madera	00166-22	Performance was driven by trees non-preventable and equipment failure.			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Reliability Coordinator to inspect circuit based on outage history	Complete	Feb-10	
			Repair conditions found by previous reliability inspection	Complete	Feb-10	
			Review circuit for additional fault indicators	Complete	May-10	
			Add additional protection per circuit coordination	Complete	Aug-10	
			Repair tree damage	Complete	Aug-10	
Full Cycle Tree Clearing	To be completed 2011					
17	Scalp Level	00932-11	Performance was driven by equipment failure during minor storm.			
			Repair equipment damage	Complete	Apr-11	
18	Lucerne	00091-13	Performance was driven by trees non-preventable and equipment failure during minor storm.			
			Repair tree and equipment damage from minor storm	Complete	Apr-11	
19	Meyersdale North	00022-12	Performance was driven by trees non-preventable during minor storm, line failure and car-pole accident.			
			Repair line failure	Complete	Mar-11	
			Repair damage from minor storm	Complete	Mar-11	
			Repair car-pole accident damage	Complete	Apr-11	
			Targeted Mainline Reliability Equipment Replacement	To be completed 2011		
20	Maitland	00149-81	Performance was driven by lightning during minor storm and equipment failure.			
			Repair equipment damage	Complete	Oct-10	
			Repair lightning damage from minor storm	Complete	Oct-10	
21	Hammett	00504-31	Performance was driven by trees non-preventable.			
			Repair tree damage	Complete	Oct-10	
			2011 Circuit Inspection	To be completed 2011		
22	Honey Grove	00134-83	Performance was driven by equipment failure and non-preventable trees during minor storms.			
			Repair tree damage and equipment failure during minor storm	Complete	Apr-11	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
23	Covington	00729-63	Performance was driven by equipment failure during minor storm.			
			Repair equipment failure	Complete	Mar-11	
			Repair equipment failure	Complete	Jun-11	
24	Ralphton	00014-12	Performance was driven by non-preventable trees during a minor storm and equipment failure.			3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Repair damage from minor storm	Complete	Sep-10	
			Repair equipment damage	Complete	Mar-11	
25	Marlenville	00328-51	Performance was driven by trees non-preventable during minor storm.			2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Repair tree damage from minor storm	Complete	Jul-10	
			Repair tree damage from minor storm	Complete	Feb-11	
26	Safix	00070-11	Performance was driven by trees non-preventable, vehicle, lightning and line failure.			2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Repair line failure	Complete	Feb-11	
			Repair tree damage	Complete	Feb-11	
			Repair lightning damage	Complete	May-11	
			Repair damage from car-pole accident	Complete	May-11	
2011 Circuit Inspection	To be completed 2011					
27	Falls	00297-65	Performance was driven by trees non-preventable, equipment failure and lightning during minor storm.			
			Repair tree damage from minor storm	Complete	Apr-11	
			Repair lightning damage during minor storm	Complete	Jun-11	
			Repair equipment failure	Complete	Jun-11	
2011 Circuit Inspection	To be completed 2011					
28	Lenox	00755-65	Performance was driven by trees non-preventable during minor storm and vehicle.			
			Repair damage from car-pole accident	Complete	Oct-10	
			Repair tree damage from minor storm	Complete	Apr-11	

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Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
29	Lowell Avenue	00518-31	Performance was driven by trees non-preventable, and equipment failure during a minor storm.			1Q 2010 2Q 2010 3Q 2010 1Q 2011 2Q 2011
			Repair equipment damage	Complete	Mar-11	
			Repair equipment damage	Complete	Apr-11	
			Repair tree damage	Complete	Apr-11	
			2011 Circuit Inspection	To be completed 2011		
30	Rolling Meadows	00310-31	Performance was driven by equipment failure during minor storm and line failure.			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Repair line failure	Complete	May-10	
			Repair equipment failure during minor storm	Complete	Feb-11	
			Full Cycle Tree Clearing	To be completed 2011		
31	Cooper	00069-11	Performance was driven by car-pole accident and line failure.			
			Repair line failure	Complete	Oct-10	
			Repaired damage from car-pole accident	Complete	Mar-11	
			Reliability Coordinator to inspect circuit based on outage history	Complete	May-11	
32	East Towanda	00525-62	Performance was driven by line failure and lightning during minor storm.			
			Repair line failure	Complete	Dec-10	
			Repair lightning damage during minor storm	Complete	Jun-11	
33	Carlisle Pike	00643-83	Performance was driven by trees non-preventable during minor storm and equipment failure.			3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Repair failed equipment	Complete	Jul-10	
			Repair tree damage from minor storm	Complete	Sep-10	
			Add additional protection per circuit coordination	Complete	May-11	
			2011 Circuit Inspection	To be completed 2011		
34	Pennmar	00001-12	Performance was driven by equipment failure, human error and trees non-preventable.			}
			Repair damage from customer cutting tree into primary	Complete	Nov-10	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
35	Union City	00207-43	Performance was driven by trees non-preventable during minor storm and trees non-preventable.			
			Repair tree damage	Complete	Sep-10	
			Repair tree damage from minor storm	Complete	Apr-11	
36	Eldred	00119-42	Performance was driven by equipment failure.			
			Repair failed equipment	Complete	Oct-10	
			2011 Circuit Inspection	To be completed 2011		
			Full Cycle Tree Clearing	To be completed 2011		
37	Tunkhannok	00533-65	Performance was driven by lightning damage and equipment failure during minor storm.			1Q 2010 2Q 2010 3Q 2010 2Q 2011
			Repair equipment damage during minor storm	Complete	Apr-11	
			Repair lightning damage from minor storm	Complete	Jun-11	
38	Philipsburg	00162-22	Performance was driven by lightning and trees non-preventable during minor storms and equipment failure.			1Q 2010 2Q 2010 3Q 2010 4Q 2010 2Q 2011
			Repair lightning damaged insulator	Complete	Aug-10	
			Repair failed equipment	Complete	Jun-11	
			Targeted Mainline Reliability Equipment Replacement	Complete	May-11	
			Add additional protection per circuit coordination	Complete	May-11	
39	Mansfield	00558-63	Performance was driven by equipment failure and line failure.			
			Repair equipment/line failure	Complete	Feb-11	
			Repair failed equipment	Complete	May-11	
40	Saxton	00624-73	Performance was driven by vandalism/theft.			
			Repair damage from vandalism/theft.	Complete	Oct-10	
41	Lewis Run	00409-42	Performance was driven by trees non-preventable.			
			Repair tree damage	Complete	May-11	
			2011 Circuit Inspection	To be completed 2011		

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
42	Punxsutawney	00625-23	Performance was driven by trees non-preventable and line failure during minor storm.			
			Repair tree and line damage during minor storm	Complete	Apr-11	
43	Edgewood	00089-13	Performance was driven by unknown during minor storms, trees non-preventable and line failure.			
			Repair line failure	Complete	Jul-10	
			Repair tree damage	Complete	Sep-10	
44	Tower 51	00051-11	Performance was driven by trees non-preventable during minor storm.			2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Repair tree damage from minor storm	Complete	Apr-11	
			2011 Circuit Inspection	To be completed 2011		
45	Three Springs	00641-82	Performance was driven by car-pole accident.			
			Repair damage from car-pole accident	Complete	Jun-11	
46	Shelocta	00102-13	Performance was driven by car-pole accident, line failure and forced outage due to structure fire.			
			Repair damage from car-pole accident	Complete	Aug-10	
			Repair line failure	Complete	Mar-11	
47	Somerset	00030-12	Performance was driven by equipment failure and car-pole accident.			
			Repair equipment damage	Complete	Oct-10	
			Repair damage from car-pole accident	Complete	Jan-11	
			2011 Circuit Inspection	To be completed 2011		
48	Seward	00075-11	Performance was driven by equipment failure and lightning damage during minor storm.			
			Repair equipment failure	Complete	Nov-10	
49	Fallen Timbers	00693-22	Performance was driven by trees non-preventable during minor storm and equipment failure.			
			Repair equipment damage	Complete	Sep-10	
			Repair tree damage from minor storm	Complete	Apr-11	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
50	Greenwood	00002-71	Performance was driven by equipment failure.			3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Repair equipment damage	Complete	Jul-10	
51	Bradford South	00106-42	Performance was driven by trees non-preventable and trees non-preventable during minor storm.			
			Repair tree damage from minor storm	Complete	Jul-10	
			Repair tree damage	Complete	Jun-11	
52	Glory	00105-13	Performance was driven by trees non-preventable during minor storm and equipment failure.			
			Repair equipment damage	Complete	Sep-10	
			Repair tree damage from minor storm	Complete	Mar-11	
53	Edinboro	00420-34	Performance was driven by equipment failure and an unknown.			
			Repair equipment damage	Complete	Feb-11	
			Repair equipment damage	Complete	Jun-11	
54	Susquehanna	00279-65	Performance was driven by trees non-preventable during minor storm and car-pole accident.			
			Repair equipment damage during minor storm.	Complete	Sep-10	
			Repair damage from car-pole accident	Complete	Nov-10	
55	Walnut Street	00520-31	Performance was driven by equipment failure and an unknown cause.			
			Repair equipment failure	Complete	Mar-11	
			Repair equipment failure	Complete	Apr-11	
56	Somerset	00016-12	Performance was driven by line failure, vehicle damage and equipment failure during minor storm.			
			Repair line failure	Complete	Jul-10	
			Repair damage due to car-pole accident	Complete	Jul-10	

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Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
57	Rockton Mountain	00138-21	Performance was driven by equipment failure and line failure.			
			Repair line failure	Complete	Jul-10	
			Repair equipment failure	Complete	Feb-11	
			Targeted Mainline Reliability Equipment Replacement	Complete	Jun-11	
58	Thompson	00436-65	Performance was driven by trees non-preventable during minor storm and an unknown cause.			
			Repair tree damage during minor storm	Complete	Jul-10	
			Full Cycle Tree Clearing	To be completed 2011		
59	Snakespring	00602-73	Performance was driven by forced outage due to a structure fire and equipment failure.			
			Repair equipment failure	Complete	Apr-11	
			2011 Circuit Inspection	To be completed 2011		
	Curryville	00644-71	Performance was driven by car-pole accident, equipment failure and equipment failure during minor storm.			1Q 2010 2Q 2010 3Q 2010 4Q 2010
			Repair damage from car-pole accident	Complete	Feb-10	
			Repaired damage from minor storm.	Complete	Apr-10	
			Review circuit for additional fault indicators	Complete	Oct-10	
			Targeted Mainline Reliability Equipment Replacement	Complete	Oct-10	
Full Cycle Tree Clearing	To be completed 2011					
	Powell Ave	00237-31	Performance was driven by equipment failure and trees non-preventable during minor storm.			1Q 2010 2Q 2010 3Q 2010 4Q 2010
			Reliability Coordinator to inspect circuit based on outage history	Complete	Feb-10	
			Repair Conditions found by previous reliability inspection	Complete	Feb-10	
			Repaired damage from minor storm	Complete	Mar-10	
			Repaired equipment failure - UG terminator	Complete	Jul-10	
			Review circuit for additional fault indicators	Complete	Aug-10	
			2011 Circuit Inspection	To be completed 2011		
			Full Cycle Tree Clearing	To be completed 2011		

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Carlisle Pike	00643-83	Performance was driven by trees non-preventable during minor storm and equipment failure.			
			Repair failed equipment	Complete	Jul-10	
			Repair damage from minor storm	Complete	Sep-10	
			Add additional protection per circuit coordination	Complete	May-01	
			2011 Circuit Inspection	To be completed 2011		
	Port Allegany Sub	00151-42	Performance was driven by vehicle damage and line failure.			
			Repair damage from vehicle	Complete	Dec-10	
			2011 Circuit Inspection	To be completed 2011		
	Millcreek	00055-11	Performance was driven by trees non-preventable and wind damage during a minor storm.			2Q 2010
			Repair damage from minor storm	Complete	Apr-10	3Q 2010
			2011 Circuit Inspection	To be completed 2011		4Q 2010 1Q 2011
	Hilltop	00040-11	Performance was driven by trees non-preventable and equipment failure during a minor storm.			2Q 2010
			Repair damage from minor storm	Complete	Apr-10	3Q 2010
			Repair damage from minor storm	Complete	Jun-10	4Q 2010
			2011 Circuit Inspection	To be completed 2011		1Q 2011
	Scalp Level	00031-11	Performance was driven by wind damage during a minor storm and trees non-preventable.			2Q 2010
			Repair minor storm damage	Complete	Apr-10	3Q 2010
			2011 Circuit Inspection	To be completed 2011		4Q 2010 1Q 2011
	Curryville	00610-71	Performance was driven by wind damage during minor storm.			2Q 2010
			Repair damage from minor storm	Complete	Apr-10	3Q 2010
			Review circuit for additional fault indicators	Complete	Apr-11	4Q 2010
			Full Cycle Tree Clearing	To be completed 2011		1Q 2011

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Tionesta Switching Station	00498-51	Performance was driven by lightning damage during minor storm.			1Q 2010
			Repair Damage from minor storm	Complete	Jun-10	2Q 2010
			Review circuit for additional fault indicators	Complete	Aug-10	3Q 2010
			Full Cycle Tree Clearing	To be completed 2011		4Q 2010
	Green Garden	00224-31	Performance was driven by equipment failure, trees non-preventable and equipment failure during minor storm.			1Q 2010
			Repair damage from minor storm	Complete	May-10	2Q 2010
			Add additional protection per circuit coordination	Complete	Oct-10	3Q 2010
			2011 Circuit Inspection	To be completed 2011		4Q 2010
			Full Cycle Tree Clearing	To be completed 2011		1Q 2011
	St Benedict	00057-72	Performance was driven by non-preventable trees and line failure during minor storm.			2Q 2010
			Repair damage from minor storm	Complete	May-10	3Q 2010
			Repair damage from minor storm	Complete	Jun-10	4Q 2010
			2011 Circuit Inspection	To be completed 2011		1Q 2011
			Targeted Mainline Reliability Equipment Replacement	To be completed 2011		
	Hooversville	00019-12	Performance was driven by trees non-preventable during minor storm and line failure.			
			Repair damage during minor storm	Complete	Sep-10	
			Repair damage during minor storm	Complete	Oct-10	
			Full Cycle Tree Clearing	To be completed 2011		

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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	Allen	00503-4	Performance was driven by trees as cause at 53% of minutes an lightning as cause at 38% of minutes. 73% of circuit minutes from lightning and trees in the 6/12/10, 6/24/10 and 9/22/10 storms.			2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Replaced 1 pole, 1 crossarm, and repaired one misc item identified during patrols	Complete	Apr-10	
			Perform accelerated circuit reliability assessment of three phase - No Priority 1 Findings	Complete	Apr-10	
			Perform accelerated circuit reliability assessment of mainline - No Priority 1 Findings	Complete	Apr-10	
			Perform accelerated circuit reliability assessment of three phase - No Priority 1 Findings	Complete	Jun-10	
			Perform accelerated circuit reliability assessment of mainline - No Priority 1 Findings	Complete	Jun-10	
			Replace recloser destroyed by lightning in June 12 storm	Complete	Jul-10	
			Forestry perform off cycle trim	Complete	Jul-10	
			Perform accelerated circuit reliability assessment of three phase - No Priority 1 Findings	Complete	Oct-10	
			Perform accelerated circuit reliability assessment of mainline - No Priority 1 Findings	Complete	Oct-10	
			Replaced 1 crossarm and 1 other item identified during patrols	Complete	Nov-10	
			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 circuit reliability assessment of mainline - No Priority 1 Findings	Complete	Mar-11	
			Installed new single phase trip and lockout recloser identified in SAIFI Analysis	Complete	Apr-11	
Forestry to perform on cycle comprehensive circuit Tree Trim in 2011	To be completed in 2011					
2	Shawnee	00822-3	Performance driven by line failure, equipment failure and non-preventable trees. 50% of circuit minutes due to line failure during storm restoration on 11/18/10 while back feeding other circuits.			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Perform accelerated backbone assessment	Complete	Jan-10	
			Perform accelerated three phase assessment	Complete	Jan-10	
			Install fault indicators	Complete	Apr-10	
			Perform accelerated single phase assessment	Complete	Jun-10	
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Perform accelerated backbone and three phase assessment	Complete	Mar-11	
			Install Fault Indicators	To be completed in 2011		
			Replace current limiting fuses on step transformers	To be completed in 2011		
Repair critical items identified from circuit patrol	To be completed in 2011					

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Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
3	Birdsboro	00757-1	Performance driven by trees non-preventable (86%) 5 large outages occurred during a small storm June 24 to 25, 2010, additional Large tree caused outage on 10/5/10, and five lengthy outages during the Feb. 2, 2011 Ice Storm, additionally there were two car-pole accidents.			
			Perform accelerated backbone assessment	Complete	Mar-10	2Q 2010
			Perform accelerated three phase assessment	Complete	Mar-10	3Q 2010
			Comprehensive Tree Trimming	Complete	Jul-10	4Q 2010
			Upgrade T-12 Tie Recloser	Complete	Oct-10	1Q 2011
			Install mainline fault indicators 3 locations	Complete	Jan-11	
			Perform accelerated three phase assessment	To be completed in 2011		
			Perform accelerated backbone assessment	To be completed in 2011		
4	Allen	00502-4	Performance driven by tree as cause at 93% of circuit minutes, 63% of minutes from trees during the 9/22/10 storm.			
			Perform accelerated circuit reliability assessment of three phase	Complete	Apr-10	2Q 2010
			Perform accelerated circuit reliability assessment of mainline	Complete	Apr-10	3Q 2010
			Replaced 2 crossarms and 1 other item identified during Line patrol	Complete	May-10	4Q 2010
			Perform accelerated circuit reliability assessment of three phase - No Priority 1 Findings	Complete	Oct-10	1Q 2011
			Perform accelerated circuit reliability assessment of mainline - No Priority 1 Findings	Complete	Oct-10	
			Install fault indicators 4 locations	Complete	Nov-11	
			Perform accelerated backbone assessment	To be completed in 2011		
Forestry to perform on cycle comprehensive circuit Tree Trim in 2011	To be completed in 2011					
5	Myerstown	00750-2	Performance was primarily driven by tree caused outages to shared transmission and distribution poles (72%), and dropping the subtransmission feed to the sub to prevent overload (21%).			
			3 Phase assessment of circuit	Complete	Aug-10	
			Repair ridge pin on 3 phase backbone	Complete	Nov-10	
			Replace crossarm on 3 phase backbone	Complete	Nov-10	
			Perform accelerated backbone assessment	Complete	Mar-11	
			Install Fault Indicators 15 locations	Complete	Feb-11	
			Extend 3 phase, balance load and add fusing to northern portion of circuit	To be completed in 2011		

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Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
6	Crossroads	00728-4	Performance driven by non-preventable tree cause outages (89% of minutes).				
			Perform accelerated assessment on the circuit backbone and 3 phase of the circuit after a wind storm	Complete	Oct-10		
			Repair critical items identified from backbone assessment	Complete	Oct-10		
			Forestry to perform assessment of 3 phase cross-country R/W	Complete	Nov-10		
			Forestry to remove critical trees identified from cross-country assessment	Complete	Nov-10		
			Perform accelerated backbone assessment	Complete	Mar-11		
			Forestry to perform on cycle comprehensive circuit Tree Trimming	To be completed in 2011			
			Repair high priority items identified from circuit assessment	To be completed in 2011			
			Install additional Fault Indicators	To be completed in 2011			
7	Dillsburg	00746-4	Performance driven by tree as cause at 94% of minutes. 14% of circuit minutes by trees in the 4/16/10 storm and 70% of circuit minutes by trees in the 9/22/10 storm.				1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011 2Q 2011
			Replace 3 insulators and 1 misc item found during Line patrol	Complete	Jan-10		
			Perform accelerated circuit reliability assessment of three phase- No Priority 1 findings	Complete	Apr-10		
			Perform accelerated circuit reliability assessment of mainline- No Priority 1 findings	Complete	Apr-10		
			Forestry to perform on cycle comprehensive circuit Tree Trim in 2010	Complete	Dec-10		
			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		
8	Swatara Hill	00763-2	Performance was primarily driven by vehicle accidents (40%), forced outages to ensure public safety (13%), and Equipment Failures (26%).				
			Accelerated circuit assessment 3 phase	Complete	Feb-10		
			Spot Trimming along Ridge Road	Complete	Dec-10		
			Replace Underground Cable along Bassler Drive, Rhodes Drive, Chestnut Rd and Koch Ln	Complete	Dec-10		
			Replace recloser along Steinruck Road	Complete	Jan-11		
			Correct 3 coordination issues	Complete	Mar-11		
			Perform accelerated backbone assessment	To be completed in 2011			
			Install additional disconnect switches	To be completed in 2011			
			Install fault indicators 4 locations	To be completed in 2011			

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Met-Ed						
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9	Birdsboro	00756-1	Performance driven by trees non-preventable (93%) 3 large outages occurred during a small storm June 24 to 25, 2010, add'l tree caused outage on Sept. 30, 2010, and two add'l tree outage occurred on Feb 2nd and 5th 2011(Ice Storm).			
			Forestry to perform on cycle comprehensive circuit Tree Trimming	Complete	Jul-10	
			Upgrade T-12 Tie Recloser	Complete	Oct-10	1Q 2010
			Install Fault Indicators 1 add'l Mainline Location	Complete	Nov-10	2Q 2010
			Perform SAIFI analysis initiative study	Complete	Jan-11	3Q 2010
			Replace Mainline Tie-Switch (tree damaged)	Complete	Feb-11	4Q 2010
			Perform accelerated backbone assessment	Complete	Mar-11	1Q 2011
			Perform accelerated three phase assessment	Complete	Mar-11	2Q 2011
			Install Single Phase Electronic Sectionalizer	To be completed in 2011		
			Repair high priority items identified during circuit assessment	To be completed in 2011		
			Forestry to perform off cycle patrol and trim	To be completed in 2011		
10	Fox Hill	00816-3	Performance was driven by equipment failure, non-preventable trees, and vehicle accidents.			
			Study Additional Backbone Protection	Complete	Aug-09	
			Perform accelerated backbone assessment	Complete	Mar-10	
			Perform accelerated three phase assessment	Complete	Mar-10	
			Perform accelerated single phase assessment	Complete	Sep-10	2Q 2010
			Perform SAIFI analysis initiative study	Complete	Jan-11	3Q 2010
			Perform accelerated backbone and three phase assessment	Complete	Mar-11	4Q 2010
			Correct fuse miscoordinations identified during SAIFI analysis	To be completed in 2011		1Q 2011
			Install Fault indicators	To be completed in 2011		
			Study automation of sectionalizer on circuit	To be completed in 2011		
Replace current limiting fuses on step transformers	To be completed in 2011					
			Forestry to perform off cycle patrol and trim	To be completed in 2011		
11	Shawnee	00895-3	Performance was driven by non-preventable trees and equipment failure.			
			Perform accelerated three phase and backbone assessment	Complete	Jan-10	
			Install Fault Indicators	Complete	Apr-10	
			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	To be completed in 2011		
			Operate and maintain circuit tie switches	To be completed in 2011		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
12	No Bangor	00826-3	Performance was driven by non-preventable trees and equipment failure.			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Perform accelerated backbone assessment	Complete	Mar-10	
			Perform accelerated three phase assessment	Complete	Mar-10	
			Forestry to perform on cycle comprehensive circuit Tree Trimming	Complete	Jun-10	
			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	To be completed in 2011		
			Replace current limiting fuses on step transformers	To be completed in 2011		
Install new electronic recloser	To be completed in 2011					
13	Bath	00873-3	Performance was driven by non-preventable trees, equipment failure, and vehicle accidents.			
			Perform accelerated three phase assessment	Complete	Jan-10	
			Forestry to perform on cycle comprehensive circuit Tree Trimming	Complete	Mar-10	
			Perform accelerated backbone assessment	Complete	Jul-10	
			Perform accelerated single phase assessment	Complete	Sep-10	
			Repair critical items identified from circuit patrol	Complete	Sep-10	
			Install additional backbone fusing and faulted circuit indicators	Complete	Dec-10	
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Perform accelerated backbone and three phase assessment	Complete	Mar-11	
			Correct fuse miscoordinations identified during SAIFI analysis	To be completed in 2011		
			Replace current limiting fuses on step transformers	To be completed in 2011		
			Install new electronic recloser	To be completed in 2011		
Install remote control on Bath substation recloser	To be completed in 2011					
14	No Bangor	00813-3	Performance driven by non-preventable trees, equipment failure, and vehicle accidents.			
			Perform accelerated backbone assessment	Complete	Apr-10	
			Perform accelerated three phase assessment	Complete	Apr-10	
			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	To be completed in 2011					

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15	Ortanna	00764-4	Performance driven by two August 2010 mainline vehicle pole contacts as cause at 52% of circuit minutes and a crimp failure on 12/12/10 at 15% of circuit minutes.			
			Replaced 2 poles, 2 crossarms, 15 insulators and 3 cutouts found during line patrol	Complete	Jan-10	
			Install animal guard 3 locations	Complete	Jun-10	
			Perform accelerated circuit reliability assessment of three phase	Complete	Sep-10	
			Perform accelerated circuit reliability assessment of mainline	Complete	Sep-10	
			Perform accelerated backbone assessment	To be completed in 2011		
			Forestry to perform on cycle comprehensive circuit Tree Trim in 2011	To be completed in 2011		
16	Annville	00742-2	Performance was primarily driven by tree caused outages (27%) and wind damage (50%).			2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Accelerated circuit assessment 3 phase	Complete	May-10	
			Post storm assessment due to excessive damage	Complete	Jun-10	
			Install GOAB to sectionalize	Complete	Sep-10	
			Perform accelerated backbone assessment	Complete	Mar-11	
			Install Fault Indicators on 3 phase 6 locations	To be completed in 2011		
			Comprehensive Tree Trimming	To be completed in 2011		
17	Grantville	00721-2	Performance was primarily driven by a vehicle accident (13%) and the damage done by the June 24, 2010 wind storm (82.5%).			2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Install New Recloser and remove existing recloser	Complete	Aug-10	
			Accelerated circuit assessment 3 phase	Complete	Aug-10	
			Replace insulator on 3 phase backbone	Complete	Aug-10	
			Replace blown arrester on 3 phase backbone	Complete	Nov-10	
			Replace failing crossarm on 3 phase backbone	To be completed in 2011		
			Perform accelerated backbone assessment	To be completed in 2011		
			Replace insulator on 3 phase backbone	To be completed in 2011		
Correct 4 coordination issues	To be completed in 2012					
18	North Cornwall	00610-2	Performance was primarily driven by equipment failures (41%), tree damage (24%) and conductor failure (13%).			2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Accelerated circuit assessment 3 phase	Complete	Jun-10	
			Install Mainline 3 phase switch	Complete	Sep-10	
			Replace solids with fuses and move 4 spans upstream	Complete	Sep-10	
			Replace arrestors 2 locations on 3 phase backbone	Complete	Mar-11	
			Perform accelerated backbone assessment	To be completed in 2011		
			Forestry to perform off cycle patrol and trim	To be completed in 2011		

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Met-Ed							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
19	Hill	00737-4	Performance driven by non-preventable (tree cause outages (93% of minutes).				
			Perform Accelerated backbone and three phase assessment	Complete	May-10		
			Install additional Fault indicators	Complete	Feb-11		
			Forestry to perform spot assessment of tree prone outage area	Complete	Mar-11		
			Forestry to perform follow-up tree work as result of spot assessment	Complete	Mar-11		
			Install sectionalizer	To be completed in 2011			
			Install an additional recloser to protect the circuit 3 phase	To be completed in 2011			
			Perform accelerated backbone assessment	To be completed in 2011			
			Forestry to perform on cycle comprehensive circuit Tree Trimming	To be completed in 2012			
20	Yorkana	00708-4	Performance driven by a wind storm which were non-preventable tree cause outages (43% of minutes).				1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Perform Accelerated circuit three phase backbone assessment after wind storm	Complete	Feb-10		
			Perform accelerated assessment on the circuit backbone and 3 phase of the circuit after a major hail storm	Complete	May-10		
			Perform thermal scan of the circuit three phase backbone	Complete	Aug-10		
			Repair critical items identified from backbone assessment after wind storm	Complete	Dec-10		
			Perform SAIFI analysis initiative study	Complete	Jan-11		
			Perform accelerated backbone assessment	Complete	Feb-11		
			Replaced damaged recloser found during repair of hot spot identified from thermal scan	Complete	Mar-11		
21	Shawnee	00860-3	Performance driven by insulator equipment failure (fuses and CLF's) and non-preventable trees and animals.				2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Perform accelerated three phase assessment	Complete	Jan-10		
			Repair items identified from three phase assessment	Complete	Feb-10		
			Install radio control communication equipment on sectionalizer	Complete	Jul-10		
			Perform fuse and coordination study	Complete	Sep-10		
			Perform accelerated backbone and three phase assessment	Complete	Mar-11		
			Install Fault Indicators	To be completed in 2011			
			Replace current limiting fuses on step transformers	To be completed in 2011			
			Operate and maintain circuit tie switches	To be completed in 2011			
Repair critical items identified from circuit patrol	To be completed in 2011						

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Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
22	Flying Hills	00777-1	Performance driven by trees non-preventable (80%) 4 large outages occurred during a small storm June 24 to 25, 2010, 2 add'l tree outages on May 8th and 12th 2010, 5 lengthy outages during the 2-2-11 Ice Storm, and a large UG outage on 2-22-11.			2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Perform accelerated backbone assessment	Complete	Apr-10	
			Perform accelerated three phase assessment	Complete	Apr-10	
			Perform accelerated backbone assessment	Complete	Feb-11	
			Perform accelerated three phase assessment	Complete	Feb-11	
			Install Fault Indicators 9 Locations	To be completed in 2011		
			Forestry to perform off cycle patrol and trim	To be completed in 2011		
Forestry to perform on cycle comprehensive circuit Tree Trim in 2012	To be completed in 2012					
23	Toha	00793-4	Circuit performance was driven by non-preventable tree cause outages (59% of minutes)			
			Perform accelerated backbone and three phase assessment	Complete	Aug-10	
			Perform accelerated assessment on the circuit backbone and 3 phase of the circuit after a wind storm	Complete	Oct-10	
			Repair 2 condition items identified during Circuit assessment	Complete	Feb-11	
			Perform accelerated backbone assessment	Complete	Feb-11	
			Forestry to perform on cycle comprehensive circuit Tree Trimming	To be completed in 2011		
Install two reclosers to protect the circuit backbone.	To be completed in 2011					
24	Baro	00705-1	Performance driven by trees non preventable (82%), during two small storms (February 10-11, 2010 and March 13-14, 2010), July 19th, 2010, Dec 8th, 2010, and the Feb 2, 2011 Ice storm, Also (10%) were derived from circuit breaker failure.			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Perform Fault Current Indicator Installation Engineering Study	Complete	Mar-10	
			Install Fault Current Indicators at seven locations	Complete	May-10	
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Replace overloaded fuse with a single phase recloser, upgrade a fuse downstream of this location/ install fault indicators	Complete	Mar-11	
			Install Fault indicators on a heavily wooded section downstream of the new single phase recloser as 3 locations	Complete	Mar-11	
			Perform accelerated backbone assessment	Complete	Mar-11	
			Perform accelerated three phase assessment	Complete	Mar-11	
			Install 2 additional New mainline 3 phase reclosers	To be completed in 2011		
			Install additional fusing 3 single phase locations	To be completed in 2011		
			Forestry to perform off cycle patrol and trim	To be completed in 2011		

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25	Campbelltown	00731-2	Performance was primarily driven by tree caused outages (26%), wind damage (48.5%), UG cable failures (11.5%)			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Replace UG cable along Gentry Drive	Complete	Jan-10	
			Accelerated circuit assessment 3 phase	Complete	May-10	
			Post storm assessment due to excessive damage	Complete	Jun-10	
			Forestry to perform mid-cycle assessment of remaining 3-phase	Complete	Sep-10	
			Perform accelerated backbone assessment	Complete	Mar-11	
			Perform SAIFI analysis initiative study	Complete	Feb-11	
			Install Fault Indicators on 3 phase 6 locations	To be completed in 2011		
			Trim locations identified in forestry review	To be completed in 2011		
Repair high priority items identified during circuit assessment	To be completed in 2012					
26	N Hanover	00514-4	Performance driven by the June 4 windstorm as cause at 79% of circuit minutes, which felled 7 poles; and 16% of circuit minutes from trees as cause during 7/19/10 storms.			
			Perform accelerated circuit reliability assessment of three phase - No Priority 1 Findings	Complete	Jul-10	
			Perform accelerated circuit reliability assessment of mainline - No Priority 1 Findings	Complete	Jul-10	
			Replace 1 chipped cutout found during Line patrol	Complete	Mar-10	
			Forestry perform off cycle three phase vegetative patrol	Complete	Jan-11	
			Perform accelerated backbone assessment	To be completed in 2011		
			Forestry to perform on cycle comprehensive circuit Tree Trim in 2012	To be completed in 2012		
27	Ringing Rocks	00708-1	Performance driven by trees non preventable (60%) and Equipment Problems (37%).			
			Perform accelerated backbone assessment.	Complete	Mar-10	
			Perform accelerated three phase assessment.	Complete	Mar-10	
			Install Mainline Fault Finders 4 Locations	Complete	Sep-10	
			Install add'l fusing 2 locations	Complete	Nov-10	
			Perform accelerated backbone assessment.	To be completed in 2011		
Perform accelerated three phase assessment.	To be completed in 2011					
28	Birchwood	00624-3	Performance was driven by line failure, and non-preventable trees. 57% of circuit minutes due to line failure during storm on 12/27/10, and cold load pickup during restoration.			
			Perform accelerated backbone assessment	To be completed in 2011		
			Study phase balancing to relieve unbalance during cold load pickup	To be completed in 2011		

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29	Newberry	00576-4	Performance driven by non-preventable tree cause outages (66% of minutes).			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Perform accelerated assessment on the circuit backbone and 3 phase of the circuit	Complete	Feb-10	
			Forestry to perform on cycle comprehensive circuit Tree Trimming	Complete	Mar-10	
			Perform accelerated assessment on the circuit backbone, 3 phases of the circuit and a portion of the single phase	Complete	Jun-10	
			Perform accelerated circuit single phase assessment	Complete	Jul-10	
			Perform accelerated assessment on the circuit backbone and 3 phase of the circuit after a wind storm	Complete	Oct-10	
			Install additional Fault Indicators on the circuit	Complete	Nov-10	
			Perform accelerated backbone assessment	Complete	Mar-11	
		Install three radio controlled switches and recloser with fault indicators	To be completed in 2011			
30	Bernville	00786-1	Performance driven by (2) equipment problems (1st cutout, 2nd line recloser), 2-line problems, animal, car-pole accident, lightning and tree caused outages(11%).			
			Install Fault Indicators at existing main-line Switch	Complete	Feb-10	
			Perform accelerated backbone assessment	Complete	Mar-10	
			Perform accelerated three phase assessment	Complete	Mar-10	
			Replace 1 mainline 3 phase recloser and move it to a more effective location	To be completed in 2011		
			Install 1 Additional New Mainline 3 phase recloser	To be completed in 2011		
			Install 3PH mainline fault indicators 2 locations	To be completed in 2011		
Perform accelerated backbone assessment	To be completed in 2011					
31	Bern Church	00789-1	Performance driven by CPA(3-23-11), animal caused outage, UG Problems and tree caused outages(44%).			
			Install OH Fault indicators at two locations	Complete	Mar-10	
			Guy Wire Repairs at three locations	To be completed in 2011		
			Perform accelerated backbone assessment.	To be completed in 2011		
			Perform accelerated three phase assessment.	To be completed in 2011		
			Install OH Fault indicators at a three phase sectionalizing location.	To be completed in 2011		
Forestry to perform on cycle comprehensive circuit Tree Trimming	To be completed in 2011					
32	Straban	00676-4	Performance driven by trees at 47% of circuit minutes; in the 9/22/10 storm at 29% of circuit minutes and an animal contact in a three phase bank on 10/17/10 for 22% of circuit minutes			
			Perform normal circuit reliability assessment of mainline	Complete	Jul-10	
			Perform normal circuit reliability assessment of three phase	Complete	Jul-10	
			Replaced 1 crossarm	Complete	Mar-10	
		Perform accelerated backbone assessment	To be completed in 2011			

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33	Hill	00735-4	Performance driven by non-preventable tree cause outages (90% of minutes).			
			Perform Accelerated backbone and three phase assessment	Complete	May-10	
			Forestry to perform spot assessment of tree prone outage area	Complete	Mar-11	
			Install additional Fault indicators	To be completed in 2011		
			Perform accelerated backbone assessment	To be completed in 2011		
			Install an additional recloser to protect the circuit 3 phase	To be completed in 2012		
			Forestry to perform on cycle comprehensive circuit Tree Trimming	To be completed in 2012		
34	Yorkana	00715-4	Performance driven by non-preventable tree cause outages (12% of minutes) and equipment problems (84% of minutes).			1Q 2010 2Q 2010 3Q 2010 4Q 2010 1Q 2011
			Perform Accelerated assessment on the circuit backbone including all three and single phases of the circuit after a major hail storm.	Complete	May-10	
			Perform accelerated circuit three phase backbone assessment and record the locations of all splices	Complete	Jul-10	
			Install three radio controlled switches with fault indicators	Complete	Aug-10	
			Perform thermal scan of all splices on the circuit three phase backbone	Complete	Aug-10	
			Perform SAIFI analysis initiative study	Complete	Jan-11	
			Perform accelerated backbone assessment	Complete	Feb-11	
Forestry to perform off cycle patrol and trim	Complete	Mar-11				
35	No Bangor	00838-3	Performance was driven by non-preventable trees, equipment failure and vehicle accidents.			
			Perform accelerated assessment on the circuit backbone and 3phase of the circuit	Complete	Feb-11	
			Forestry to perform on cycle comprehensive circuit tree trimming	To be completed in 2011		
36	Roundtop	00583-4	Performance driven by two failures of the 336 AASP (spacer construction) mainline at 84% of circuit minutes; 77% of circuit minutes from the 6/27/10 failure.			
			Installed fault indicators 6 locations	Complete	Aug-10	
			Replaced 3 poles, 5 insulators, 2 arrestors, 3 crossarms, and 5 miscellaneous items	Complete	Nov-11	
			Perform detailed circuit reliability assessment of backbone	Complete	Mar-11	
			Perform detailed circuit reliability assessment of 3 phase	Complete	Mar-11	
37	Clearfield	00631-3	Performance was driven by a loss of supply and a vehicle accident. 40% of circuit minutes due to vehicle accident on 10/26/10.			
			Perform accelerated assessment on the circuit backbone	To be completed in 2011		

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	19th and Cotton	00153-1	Performance driven by Switch (Cutout) equipment failure(89% of the minutes) and a animal caused substation outage.			
			Replace Switch T1-156 w/ 600 A Disc.	Complete	Jan-10	
			Replace Switch T3-153 w/ 600 A Disc.	Complete	Jan-10	
			Replace Switch 15336 w/ 600 A Disc.	Complete	Jan-10	
			Replace Switch T1-153 w/ 600 A Disc.	Complete	Jan-10	
			Replace Switches 13629 & 13659 w/ 600 A Disc.	Complete	Jan-10	
			Installed Animal Guard on Substation Equipment	Complete	Jul-10	
			Install Fuse Bypass Switch	Complete	Nov-10	
			Perform accelerated backbone assessment	To be completed in 2011		
		Install Mainline Fault Indicators 4 Locations	To be completed in 2011			
	Newberry	00586-4	Performance driven by a vehicle cause outage during a wind storm (72% of minutes).			1Q 2010 2Q 2010 3Q 2010 4Q 2010
			Perform accelerated assessment on the circuit backbone and 3 phase of the circuit	Complete	Feb-10	
			Perform accelerated assessment on the circuit backbone and 3 phase of the circuit.	Complete	Jun-10	
			Forestry to perform on cycle comprehensive circuit Tree Trimming	Complete	Jun-10	
			Perform accelerated backbone assessment	To be completed in 2011		
		Install fault indicators on the circuit three phase backbone.	To be completed in 2011			
	Barto	00706-1	Performance driven by trees non-preventable and recloser outages caused by a cap bank problem and a pole fire.			
			Crossarm, insulator and arresor repairs	Complete	Feb-10	
			Perform accelerated backbone assessment	Complete	Mar-10	
			Perform accelerated three phase assessment	Complete	Mar-10	
			Perform Fault Current Indicator Installation Engineering Study	Complete	Mar-10	
			Install Fault Current Indicators at ten locations	Complete	May-10	
			Perform accelerated backbone assessment	Complete	Feb-11	
	Pleasureville	00710-4	Performance driven by a one vehicle contact caused outage (66% of minutes).			1Q 2010 2Q 2010 3Q 2010 4Q 2010
			Perform accelerated assessment on the circuit backbone and 3 phases of the circuit	Complete	Jul-10	
			Forestry to perform on cycle comprehensive circuit Tree Trimming	Complete	Dec-10	
			Install fault indicators on the circuit three phase backbone.	Complete	Dec-10	
			Install additional fuses to protect the circuit backbone	To be completed in 2011		
		Perform accelerated backbone assessment	To be completed in 2011			

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	North Lebanon	00712-2	Performance was primarily driven by tree caused outages, UG conductor failures and a recloser failure.			
			Accelerated circuit assessment 3 phase	Complete	Apr-10	
			Reconfigure Circuit/Minimize Exposure	Complete	Apr-10	
			Install fuses 4 locations	Complete	Sep-10	
			Perform SAIFI analysis initiative study	Complete	Feb-11	
			Perform accelerated backbone assessment	Complete	Mar-11	
			Install additional mainline switch	To be completed in 2011		
			Repair high priority items identified during circuit assessment	To be completed in 2012		
	Annville	00743-2	Performance was primarily driven by tree caused outages and cutout failures.			
			Accelerated circuit assessment 3 phase	Complete	May-10	
			Post storm assessment due to excessive damage	Complete	Jun-10	
			Forestry Patrol of Backbone and all of Three-Phase along Lancaster Ave	Complete	Oct-10	
			Install additional disconnect switches	Complete	Mar-11	
			Perform accelerated backbone assessment	To be completed in 2011		
			Comprehensive Tree Trimming	To be completed in 2011		
	Windsor	00795-4	Circuit performance was driven by storm events (94% of minutes).			1Q 2010 2Q 2010 3Q 2010 4Q 2010
			Perform Accelerated circuit three phase backbone assessment after wind storm	Complete	Jul-10	
			Investigate additional Fault Indicators	Complete	Jul-10	
			Install additional Fault Indicators	Complete	Aug-10	
			Perform accelerated assessment on the circuit backbone and 3 phase of the circuit after a wind storm	Complete	Oct-10	
			Perform Accelerated circuit three phase backbone assessment after wind storm	Complete	Feb-11	
			Perform accelerated backbone assessment	Complete	Feb-11	
			Forestry to perform on cycle comprehensive circuit Tree Trimming	To be completed in 2012		

PUBLIC VERSION

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

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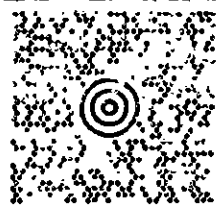
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SHEPPARDSON BUILDING
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HARRISBURG PA 17128



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