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May 1, 2007

VIA FEDERAL EXPRESS

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MAY 01 2007

James J. McNulty, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Re: First Quarter 2007 Reliability Report of Allegheny Power

Dear Secretary McNulty:

L-00030161

Enclosed please find an original and six copies of the First Quarter 2007 Reliability Report of Allegheny Power. Copies of the Report have been served on the parties to Allegheny Power's reliability standards and benchmarks proceeding at Docket No. M-00991220F0003.

Very truly yours,

John L. Munsch
John L. Munsch
Senior Attorney

cc: Darren G. Gill, Bureau of CEEP

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Re: Allegheny Power First Quarter 2007
Reliability Report

CERTIFICATE OF SERVICE

I certify that this 1st day of May 2007, I have served a true and correct copy of the Quarterly Reliability Report of Allegheny Power, by first-class mail, postage prepaid, upon the following:

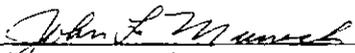
VIA FIRST-CLASS MAIL

Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1921

Office of Small Business Advocate
Suite 1102, 300 North 2nd Street
Harrisburg, PA 17101

David J. Dulick
Pennsylvania Rural Electric Assn.
212 Locust St., 2nd Floor
Harrisburg, PA 17101

Scott J. Rubin, Esquire
Utility Workers Union of America
3 Lost Creek Drive
Selinsgrove, PA 17870



John L. Munsch
Attorney for ALLEGHENY POWER

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MAY 01 2007

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

Allegheny Power
Quarterly Report for First Quarter 2007

This quarterly report is being submitted in accordance with Title 52. Public Utilities - Part I. Public Utility Commission -Subpart C. Fixed Services Utilities – Chapter 57. Electric Service Subchapter N. Electric Reliability Standards.

§ 57.195 (e) (2) The name, title, telephone number and e-mail address of the persons who have knowledge of the matters, and can respond to inquiries, shall be included.

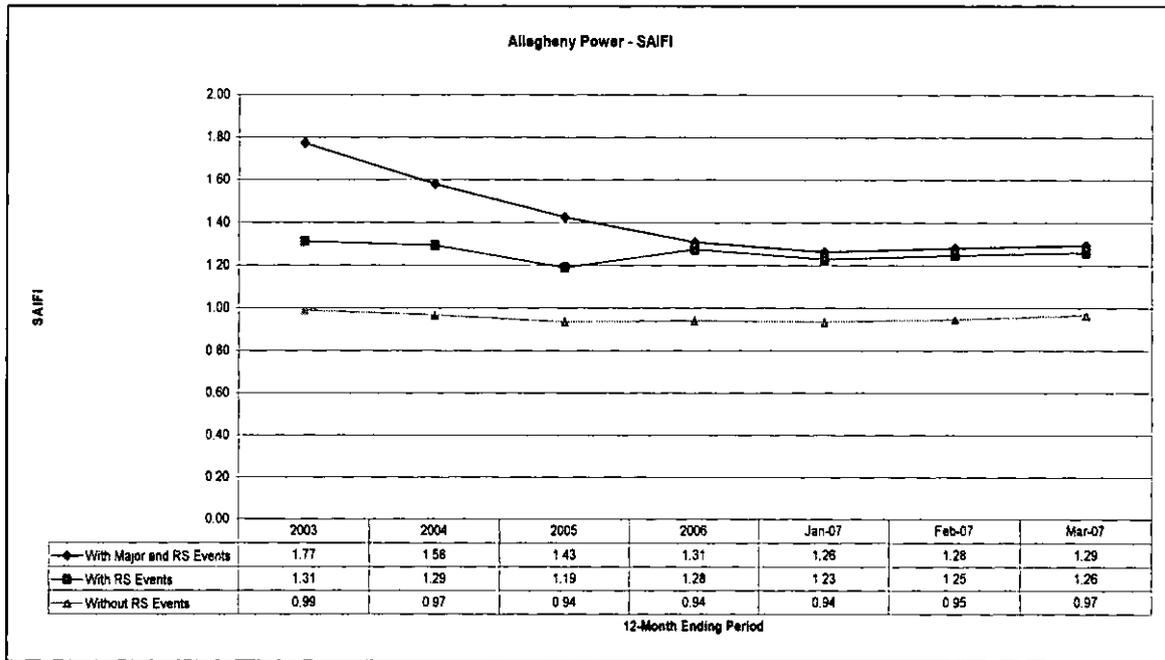
James D. Cormack
General Manager, Distribution Reliability
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§ 57.195 (e) (1) A description of each major event that occurred during the preceding quarter, including the time and duration of the event, the number of customers affected, the cause of the event and any modified procedures adopted in order to avoid or minimize the impact of similar events in the future.

- a. The following Major Events occurred during the first quarter of 2007. Note that these events are excluded based upon the proposed service-area-wide definition.
- b. Major events occurred on the following dates. A description of the events is attached as Appendix VI in form of final 'Distribution System Outage Reports' reports as previously issued to the Commission if applicable.
 - i. There were no Major Events in the first quarter.
- c. Allegheny Power's Restore Service Process Management Team constantly monitors the process and conducts post-event meetings in an attempt to enhance the restoration process for future events.
- d. Although not excluded from statistics, AP's Pennsylvania service territory experienced several minor events ('RS Events') in the past 12 months characterized by having received a severe weather alert accompanied by at least 5,000 Allegheny Power Company customers interrupted. The following chart shows the effect on SAIFI of Major Events and RS Events for Pennsylvania customers through 1st quarter 2007:

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§ 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.

- a. The following table provides Pennsylvania's 12-month ending reliability statistics for month ending March 2007. MAIFI statistics are not recorded nor readily available at Allegheny Power. As disclosed in prior filings, sufficient field equipment is not available to provide meaningful data for momentary interruptions.

Reliability Indices	Approved Settlement Benchmarks	Rolling 12-Month Standard	Rolling 3-Yr Avg. Standard	Current Quarter Performance (Rolling 12-month)
SAIFI	1.05	1.26	1.16	1.18
CAIDI	170	204	187	183
SAIDI	179	257	217	215

Data supporting indices:

Zone	Incidents	Affected Grids/ Structures	Interrupted Customers	Avg Cust Served	kVA	Calls	CMI	SAIDI	ASAI	CAIDI	SAIFI
Pennsylvania	17,885	17,883	820,570	696,539	8,210,061.5	118234	149,962,550	215	0.999590	183	1.18

§ 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.

- a. This report provides a listing of all Pennsylvania circuits ranking in the lowest five percent as ranked by DCII. AP is considering a Circuit Improvement Index Ranking, which incorporates reliability statistics at a local level to further address individual customer satisfaction. The report is attached as Appendix I.
- b. A description of DCII and Circuit Improvement Index process is presented in Appendix V.

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

- a. Allegheny's current process for addressing poor performing circuits and line segments is outlined in the Reliability Improvement Program (RIP), the details of which have been previously submitted to the Commission staff. In summary, the RIP program addresses all circuits experiencing two or more lockouts as well as any other protective device experiencing multiple operations. Field personnel review outages on these circuits or line segments and corrective action is taken as necessary to address any immediate reliability concerns.
- b. Remedial work for the 5% circuits is shown in Appendix II. Field personnel review these circuits quarterly. After the third quarter reporting is complete, outage causes are evaluated and action plans are developed for circuits requiring more comprehensive maintenance and these plans are incorporated in next year's budgets and work plans.
- c. AP has initiated a circuit improvement initiative whereby AP's recent 100 worst performing circuits are identified, studied, and targeted for further possible improvements based on the review of outage causes. Approximately one-third of these circuits are Pennsylvania circuits. This program is being integrated into the RIP process.

§ 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.

- a. A summary of outage causes by customers interrupted and by customer minutes interrupted follows.
- b. Note that 67% of all customer interruptions are caused by non-equipment-related causes. Also note that 96% of customers interrupted by trees are a result of trees falling from outside of the right-of-way.

- c. AP's definition of tree-related outages includes those cases where trees have fallen as a result of severe weather conditions.
- d. 'Weather' definition includes weather-related outages involving lightning damage, severe snow/ice loading, extreme wind, flooding, etc. and does not include tree-related outages.

Outage Cause	Incidents 12 Month ending Mar 07		Customers Interrupted 12 Month ending Mar 07		Customers Minutes Interrupted 12 Month ending Mar 07	
	Number	Percent	Number	Percent	Number	Percent
Animals	1,668	9.7%	42,702	5.3%	4,260,515	2.9%
Overhead Equipment Failure						
Overhead Line Equipment	1,321	7.7%	39,216	4.9%	5,502,867	3.7%
Overhead Line Material	1,503	8.8%	109,167	13.6%	14,197,874	9.6%
Overhead Wire	1,464	8.6%	74,560	9.3%	10,433,324	7.1%
Underground Equipment						
Underground Line Material	34	0.2%	573	0.1%	112,791	0.1%
Underground Line Equipment	77	0.4%	1,012	0.1%	319,246	0.2%
Underground Cable	380	2.2%	12,281	1.5%	3,802,779	2.6%
Service Equipment	46	0.3%	49	0.0%	7,578	0.0%
Substation Equipment	140	0.8%	30,559	3.8%	3,912,312	2.6%
Other	158	0.9%	15,222	1.9%	1,396,473	0.9%
Public/Customer	1,953	11.4%	117,569	14.7%	19,601,034	13.3%
Trees						
On Right of Way	100	0.6%	7,588	0.9%	1,083,555	0.7%
Off Right of Way	2,993	17.5%	133,166	16.6%	31,720,181	21.5%
Slide into Line from off ROW	15	0.1%	1,379	0.2%	282,219	0.2%
Unknown	1,911	11.2%	80,441	10.0%	7,754,705	5.2%
Weather	3,353	19.6%	135,789	16.9%	43,365,364	29.3%
Total	17,116	100%	801,273	100%	147,752,807	100%

§ 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).

- a. A report attached as Appendix III provides a listing of updates to the planned Ensure Reliable Service work for 2007.
- b. AP's goals may vary slightly throughout the year as work may be modified to meet new or changing field conditions. Some work has more inherent uncertainty associated with establishing budgets and goals more than a year ahead of time.

§ 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.)

- a. Please note that AP's financial expenditure reporting system is based on an organizational view of the company. Cost categories may change as

individual groups are sometimes realigned but the reported total T&D O&M expenditures will remain consistent.

T&D Category	MarQTD Budget	MarQTD Actual
Distribution Admin_CC	--550,311	84,118
Distribution Engineering & Planning_CC	190,552	173,832
Distribution Support_CC	1,588,023	1,372,329
Field Operations_CC	6,148,673	5,488,091
Distribution Forestry_CC	2,210,229	2,095,616
Transmission Other_CC	--20,500	204,330
Substations_CC	1,604,540	1,570,529
Transmission Planning & Operations Group_CC	1,126,612	1,028,832
Technical Services - Delivery_CC	815,265	852,295
Transmission Engineering_CC	549,786	1,119,325
Transmission Forestry_CC	743,429	380,488
Transmission Projects_CC	220,228	63,313
Transmission Siting_CC	206,998	191,483
EHV Projects_CC		28,915
Total	14,833,523	14,653,495

§ 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.)

Plant code	Equipment	YTD Budget	YTD Actuals
03	EHV Substation	\$ 128,086	\$ 66,119
04	EHV Lines	\$ 105,000	\$ 615
05	Transmission Substation	\$ 2,253,782	\$ 85,577
06	Elect Transmission Lines	\$ 1,033,873	\$ 1,269,018
07	Distribution Substation	\$ 2,068,572	\$ 998,352
08	Elect Distribution Lines	\$ 11,772,439	\$ 13,389,444
09	Elect General Plant	\$ 665,938	\$ 187,221
11	Subtransmission	\$ 293,857	\$ 513,377
Total		\$ 18,321,548	\$ 16,509,722

§ 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).*

Position	Count
Lead Lineman Count	101
Lineman A Count	58
Lineman C Count	1
Serviceman A Count	85
Serviceman Apprentice Count	27
Serviceman B Count	2
Serviceman C Count	8
SS Crew Leader Maintenance Count	14
SS Electrician A Count	34
SS Electrician Apprentice Count	4
SS Electrician B Count	5
SS Electrician C Count	6
Utilityman A Count	6
Utilityman B Count	<u>2</u>
Grand Count	353

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

a. Contract dollars presented are for T&D O&M only. AP's previous reports included capital as was available from its financial reporting system. AP implemented a new SAP system as of 1/1/07 and is now able to capture T&D O&M. Note that much of AP's contracted work involves firm price/unit price contracts for which no man-hours are documented.

Quarter	Contract Dollars - Qtr	Contract Dollars - YTD
1 st qtr	\$1,243,895	\$1,243,895

§ 57.195 (e) (11) *Monthly call-out acceptance rate for transmission and distribution maintenance workers PRESENTED IN TERMS OF BOTH THE PERCENTAGE OF ACCEPTED CALL-OUTS 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.

- a. Attached as Appendix IV is a report indicating call out acceptance for the each service center in AP Pennsylvania service territory.
- b. The monthly call-out acceptance rate does not include statistics for crewmembers who are assigned ready-response duties, where applicable.
- c. Allegheny Power implemented its Automated Resource Call Out System (ARCOS) on June 10, 2005 to track the amount of time to obtain necessary personnel.
- d. The average callout acceptance time per worker per list called was 4.3 minutes in the third quarter. This number represents the elapsed time per callout list divided by the number of people that accepted. This time includes ready response, which has an elapsed time of 0 minutes. The data is only for linemen and electrician callouts. Allegheny Power has developed a method to calculate average callout acceptance time per crew from our automated system; for the 3rd quarter, the average response time per crew was 5.2 minutes. These acceptance times are shorter than previous reported numbers due to the implementation of more ready response trucks and additional shifts at certain service centers.

Allegheny Power Compliance with terms of July 20th, 2006 Reliability Settlement
 Petition Opinion and Order:

Item	Description	Compliance Status
1	Make Adjustments to Vegetation Maintenance Practices to reduce its rights-of-way clearing cycle to no longer than four (4) years.	Practice in effect
2	Make adjustments to vegetation program to include an assessment of off-right-of-way danger trees.	Practice in effect
3	Maintain 12-year pole inspection cycle for distribution and sub-transmission wood poles	Practice in effect
4	Maintain 12-year facilities inspection cycle for distribution and sub-transmission wood poles	Practice in effect
5	Inspections to include visual inspections of pole, materials and equipment contained thereon from ground line to top of pole, hammer soundings, borings, excavation and treatment of pole.	Practice in effect
6	Perform a mid-cycle visual inspection of poles and equipment such that all circuits are inspected, on average, every 6 years. Incorporate reliability performance and performance of materials and equipment into the prioritization of circuits.	Practice in effect
7	Perform a line workforce study and substation workforce study	Complete
8	Deliver study to Parties within 60 days of final entry of non-appealable Order.	Delivered to Local 102 on 10/24/06; PREA on 3/7/2007.
9	Discuss study with Parties within 10 days of delivery.	Met with Local 102 on 10/24/06
10	Within 60 days of entry of final non-appealable order, provide parties with copies of all reliability-related reports filed with the Commission under 52 Pa. Code 57.196 and any additional monitoring reports or compliance reports that may be required under 52 Pa. Code 57.194(h)(1).	Effective 3rd quarter 2006 report.
11	In quarterly and annual reports, include a section reporting on compliance of settlement	Effective 3rd quarter 2006 report.
12	PREA/AEC - meet semi-annually (first meeting to be held no later than 45 days of the date of the final, non-appealable order)	First meeting held 9/14/06
13	PREA/AEC meeting - Discuss most recent outages with particular emphasis on those with duration > 120 minutes	Discussed at 3/7/2007 meeting
14	PREA/AEC meeting - Identify and agree on mutual delivery points that serve critical services/customers	Discussed at 3/7/2007 meeting
15	PREA/AEC meeting - discuss five "worst performing" Delivery Points	Discussed at 3/7/2007 meeting

Appendix I - 5% Distribution Circuit Statistics

SCName	SSName	CktName	CustServed	DCII	SAIFI	SAIDI	CAIDI	ASAI	CMI	CustIntrup	CircuitLockouts	Incidents	Miles
Arnold	ALLERIVER	ALLERIVER	180	29	3.42	858	251	0.99837	154415	618	0	26	14
Boyce	TREVESKYN	TREVESKYN	1041	9	4.93	1104	224	0.99790	1149676	5135	4	41	27
Butler	SARVER	BEARCREEK	372	46	3.08	562	184	0.99893	208848	1137	3	11	0
Butler	SAXONBURG 138KV	HANNAHSTOWN	538	41	2.58	687	267	0.99868	369704	1387	3	25	32
Butler	SHERWIN	WEST SUNBURY	794	59	1.97	404	205	0.99923	320336	1568	2	28	44
Charleroi	LARGE	LARGE	529	50	2.03	549	270	0.99896	290345	1075	1	17	16
Charleroi	VANCEVILLE	VANCEVILLE	1318	26	3.51	900	256	0.99829	1186474	4630	3	66	102
Clarion	SLIGO	REIDSBURG	624	49	1.92	573	298	0.99891	357372	1198	1	24	77
Jeannette	HUNTINGDON	HANTOWN	1813	46	1.3	590	455	0.99888	1070129	2353	1	29	19
Jeannette	PENN	ARLINGTON	1807	65	1.4	326	234	0.99938	524556	2246	1	29	22
Jeannette	SEWICKLEY	MIDDLETOWN	823	-13	2.64	1850	624	0.99688	1358073	2177	1	70	41
Jefferson	RUTAN	BRISTORIA	1147	19	4.32	957	221	0.99818	1097602	4960	1	67	189
Kittanning	BRIDGEBURG	BRIDGEBURG	56	42	1.98	684	345	0.99870	37954	110	2	8	5
Latrobe	BETHLEN	LAUGHLINTOWN	1099	39	3.98	601	151	0.99886	660394	4375	1	108	57
Latrobe	NEW ALEXANDRIA	SUNDIAL	441	8	4.21	1200	285	0.99772	526901	1855	3	39	29
McConnellsburg	MCCONNELLSBURG	HARRISONVILLE	1381	7	6.7	892	133	0.99830	1232172	9248	3	95	102
McConnellsburg	WHITETAIL	RESORT	383	82	2.28	347	152	0.99934	132924	874	1	20	29
Pleasant Valley	IRON BRIDGE 138/12	ALVERTON	567	76	1.36	180	132	0.99966	119975	907	1	31	25
Pleasant Valley	IRON BRIDGE 138/12	BRIDGEPORT	1246	30	2.32	883	381	0.99832	1100630	2887	2	35	36
St Marys	MARVINDALE	CLERMONT	912	49	2.44	551	226	0.99895	502137	2224	2	19	64
St Marys	MARVINDALE	MARVIN CREEK	162	62	1.98	355	179	0.99932	57633	322	2	4	9
St Marys	MT. JEWETT	TOWN-MT. JEWETT	556	38	3.14	733	234	0.99861	408042	1745	3	14	27
St Marys	ROULETTE	BURTVILLE	284	43	2.45	653	266	0.99876	185600	697	3	15	25
St Marys	ROULETTE	TOWN ROULETTE	459	43	2.22	657	295	0.99875	301998	1022	2	17	20
State College	ATHERTON	SOUTH HILLS	996	41	2.49	693	279	0.99888	690789	2478	2	60	8
State College	BEECH CREEK	BEECH CREEK	291	33	1.06	704	665	0.99886	204720	308	1	11	21
State College	BEECH CREEK	BLANCHARD	1562	22	1.61	964	601	0.99817	1506604	2508	1	47	83
State College	FOWLER	BALD EAGLE	388	-6	2.33	1503	646	0.99714	582753	902	1	32	41
State College	MT. RIANSARES TOWER	MT. RIANSARES	13	65	2	312	156	0.99941	4060	26	0	2	4
State College	SCOTIA	SCHOOL	982	12	4.52	1077	239	0.99795	1057848	4434	4	57	20
State College	THOMPSON FARM	TOFTREES	933	52	1.59	529	332	0.99899	493413	1487	1	38	18
State College	WATERVILLE	WATERVILLE	338	16	3.6	1085	301	0.99794	366336	1216	0	22	20
Uniontown	BETHELBORO	COOLSPRING	1449	24	3.46	939	271	0.99821	1360098	5012	1	59	43
Uniontown	EAST MILLSBORO	EAST MILLSBORO	174	96	0.04	3	84	0.99999	586	7	0	4	15
Uniontown	FARMINGTON	OHIOPLYE	611	71	1.36	257	189	0.99951	157026	830	0	32	62
Washington	AMITY	BANETOWN	1460	70	1.63	259	159	0.99951	378823	2382	1	52	108
Washington	HOUSTON	MCGOVERN	1586	11	4.04	1150	285	0.99781	1823448	6408	1	87	68
Washington	PANCAKE	STRABANE	327	67	2.27	247	109	0.99953	80871	742	2	20	10
Washington	PANCAKE	VANCE	377	67	2.42	235	97	0.99955	88561	912	2	30	37
Waynesboro	FAYETTEVILLE	FALLING SPRINGS	686	49	2.75	527	191	0.99900	361693	1889	2	51	35
Waynesboro	QUINCY	ANTHONY HIGHWAY	913	89	1.07	28	26	0.99995	25164	978	0	12	25

Appendix II – 5% Distribution Circuit Remedial Actions

SCName	SSName	CktName	Actions Taken or Planned	Status
Arnold	ALLERIVER	ALLERIVER	Two lockouts occurred when the substation was on single feed to dur planned 25 kV work on alternate feed line. Will investigate additional fusing on side taps. Add recloser.	Circuit review completed first quarter. Design in progress.
Boyce Butler	TREVESKYN SARVER	TREVESKYN BEARCREEK	Install 25kV airswitches to automate substation. Circuit was transferred to adjacent circuit fed by 138 kV transmission. This will eliminate subtransmission-caused outages. Tree trimming planned for 2007.	Design in progress. Circuit transfer complete.
Butler	SAXONBURG 138KV	HANNAHSTOWN	Lockouts due to trees and customer vehicle in same location. Will investigate possible ties.	Investigation in progress.
Butler Charlertoi	SHERWIN LARGE	WEST SUNBURY LARGE	Half sectionalizing scheme installed at the station. Tree trimming planned for 2007. Trees trimmed in 2006. Replaced two-25kV airswitches in 2006. Built a circuit tie to adjacent circuit in 2006.	Sectionalizing installed. Work completed.
Charlertoi	VANCEVILLE	VANCEVILLE	Trees trimmed in 2006. One outage caused by lightning affected 63% of the CMI for the period.	Trimming completed.
Clerion Jeannette	SLUGO HUNTINGDON	REIDSBURG HAHTOWN	Substation automated in 2006. This will eliminate subtransmission lockouts. Tree trimming planned for 2007. One lockout accounted for 95% of the outages. An off ROW tree broke a pole. Work was delayed until after midnight to interrupt businesses on the dual-circuit pole. The inaccessible pole was replaced between midnight and 6 AM. Reclosers added and another set relocated in 2006 to reduce mainline exposure.	Work completed. Circuit review completed first quarter. 2006 Recloser work completed.
Jeannette	PENN	ARLINGTON	Tree trimming planned for 2007. Electronic OCRs planned for 2007. Will investigate lightning arrestors for lightning-prone areas.	Circuit review completed first quarter. Design work in progress.
Jeannette	SEWICKLEY	MIDDLETOWN	Trees trimmed in 2006. Reconductoring and circuit splitting projects pending PA Tumpkins widening project planned for same area - would require major relocation of circuit mainline.	Circuit review completed first quarter.
Jefferson	RUTAN	BRISTORIA	Reconductor 7 miles of 3-phase line along with widening ROW and relocating portions of line. Replace sections of conductor at other locations.	Work in progress.
Kittanning	BRIDGEBURG	BRIDGEBURG	Fault indicators added to subtransmission line feeding the station to aid in patrolling. Circuit coordination review completed in 2006. Section of three-phase line replaced in 2006.	Work completed.
Latrobe	BETHLEN	LAUGHLINTOWN	Trees were trimmed in 2006. About 60% of the outages occurred on 4/26/06 due to tree on line. Will investigate moving line reclosers. Added fuse to protect underground tap.	Circuit review completed first quarter.
Latrobe	NEW ALEXANDRIA	SUNDIAL	Ninety-seven percent of the outages occurred on 6/22/06 due to high wind. Circuit review planned for 2007.	Circuit review completed first quarter.
McConnellsburg McConnellsburg Pleasant Valley	MCCONNELLSBURG WHITETAL IRON BRIDGE 138/12	HARRISONVILLE RESORT ALVERTON	Trees trimmed in 2006. Trees trimmed in 2006. Four lockouts were caused by a loose insulator pin that would fault against the pole then return to normal position.	Trimming completed. Trimming completed. Pin/insulator found and repaired.
Pleasant Valley St Marys St Marys St Marys St Marys	IRON BRIDGE 138/12 MARVINDALE MARVINDALE MT. JEWETT ROULETTE	BRIDGEPORT CLERMONT MARVIN CREEK TOWN-MT. JEWETT BURTVILLE	Tree trimming planned for 2007. Tree trimming planned for 2007. Fuse review completed in 2004, added 6 line fuses. Tree trimming planned for 2007. Fuse review completed in 2006, added 6 line fuses. Trees trimmed in 2006. Tree trimming planned for 2007. Fuse review completed in 2006, added 16 line fuses.	Trimming completed. Trimming completed. Trimming completed. Fuses added. Trimming completed. Trimming planned.
St Marys	ROULETTE	TOWN ROULETTE	Replacing substation transformer this year with a larger unit with an LTC. Tree trimming planned for 2007. Fuse review completed in 2005, added 3 line fuses. Replacing substation transformer this year with a larger unit with an LTC.	Trimming planned.
State College State College State College State College State College State College State College	ATHERTON BEECH CREEK BEECH CREEK FOWLER MT. RIANSARES TOWER SCOTIA THOMPSON FARM	SOUTH HILLS BEECH CREEK BLANCHARD BALD EAGLE MT. RIANSARES SCHOOL TOFTREES	Reconductoring one mile of line in 2008. Trees trimmed in 2006. Fuse review completed in 2006, added 9 line fuses. Trees trimmed in 2006. Fuse review completed in 2004, added 27 line fuses. Fuse review completed in 2005, added 27 line fuses and 2 reclosers. Fuse review completed in 2006, added no line fuses. Fusing review scheduled in 2007, will be adding fusing at several locations. Trees trimmed in 2006. Fuse review completed in 2004, added 10 line fuses. Replaced/injected most of the #2 and 4D UG cable on circuit. Replaced two UG switches and added a 750 MCM UG circuit tie for the radial UG feeder that existed on the west side of the Toftrees development (Oakwood 12 kV). As the east side of Toftrees develops we will be adding another 750 MCM UG circuit tie (Village 12 kV). Reduced exposure/loading with new circuit (Village 12 kV).	Design in progress. Trimming completed. Fuses added. Trimming completed. Fuses added. Fuses added. Review planned. Work completed.
State College Uniontown Uniontown	WATERVILLE BETHELBOBO EAST MILLSBORO	WATERVILLE COOLSPRING EAST MILLSBORO	Tree trimming planned for 2007. Fuse review completed in 2005, added 3 line fuses. Trees trimmed in 2006. Circuit tie planned for 2007 with adjacent circuit. Tree trimming planned for 2007. One lockout caused by an off right-of-way tree contributed ninety-eight percent of the CMI for the period on this small circuit.	Fuses added. Trimming planned. Design in progress. Trimming planned.
Uniontown	FARMINGTON	OHIOPLYE	New 138/12 substation with circuit feeders built in 2006. This will eliminate subtransmission lockouts.	Work completed.
Washington Washington Washington Washington Waynesboro	AMITY HOUSTON PANCAKE PANCAKE FAYETTEVILLE	SANETOWN MCGOVERN STRABANE VANCE FALLING SPRINGS	Trees trimmed in 2006. Circuit review in 2007. Trees trimmed in 2006. Circuit review in 2007. Trees trimmed in 2006. Plans to install animal guards on high frequency animal contact poles.	Trees trimmed. Circuit review planned. Trees trimmed. Circuit review planned. Trees trimmed.
Waynesboro	QUINCY	ANTHONY HIGHWAY	Tree trimming planned for 2007. Circuit reconordination completed on 8/8/06.	Trimming planned.

Appendix III – Goals Progress

2007 Goals - Pennsylvania - Complete Planned Ensure Reliable Service (ERS) Work				
First Quarter Results				
ERS Program/Project	Unit of Measurement	Target for 2007	Actual Completed	% Completed
Transmission Herbicide Application	# Transmission Lines	12	0	0%
Transmission Lines Trimming and Clearing	# Transmission Lines	47	0	0%
Subtransmission Herbicide Application	# of Subtransmission Lines	62	0	0%
Subtransmission Line Trimming and Clearing	# of Subtransmission Lines	40	0	0%
Distribution Line Trimming, Clearing & Herbicide Applic.	# of Distribution Line Miles	1846	317	17%
Major ERS SS Projects	# Projects	TBD		
Major ERS Lines Projects	# Projects	TBD		
Transmission Comprehensive Patrol	# Transmission Lines	8	1	13%
Transmission General Patrol	# Transmission Lines	120	0	0%
Ground & Footer Inspections	# Transmission Lines	5	0	0%
Pole Inspection	# Transmission Lines	TBD	0	
Pole Replacements	# Transmission Poles	TBD	0	
Non-Critical Transmission Repairs	# Non-Critical Items	24	15	63%
Subtransmission General Patrol	# Subtransmission Lines	481	0	0%
SS Work (Includes Capital, Planned, & Preventative)	Man-Hours	3542	780	22%
SS Spraying	Budget Dollars	3,133	-	0%
Controls Work (Includes Cap., Planned, & Preventative)	Man-Hours	64075	11,171	17%
Individual ERS Budget Projects	Man-Hours	20564	2,994	15%
Small Planning Projects	Man-Hours	25442	2,484	10%
Pole Inspection	# of Circuits	95	7	7%
Pole Reinforcement	# Poles	56	0	0%
Danger Poles	# Danger Poles	58	0	0%
Reject Poles	# Reject Poles	TBD	0	
AIM Work	Points Completed	4038	1,254	31%
RIP Program	Manhours	TBD	-	
UG Equipment Inspections	# Locations	5592	2,243	40%
Recloser Inspections	# Reclosers	2432	1,991	82%
Regulator Inspections	# Regulators	730	641	88%
Capacitors Inspections	# Capacitors	1073	885	82%
Recloser Replacements	# Reclosers	252	98	39%
UGD Cable Replacement	Feet	29,857	2,077	7%
Cable Injection	Feet	27,961	1,729	6%

Appendix IV – Callout Acceptance

Allegheny Power 2007															
Pennsylvania (Local) 102															
Linemen															
Service Center	Jan, Feb, Mar			Apr, May, Jun			Jul, Aug, Sep			Oct, Nov, Dec			YTD		
	No. of Calls	No. Accepted	Average	No. of Calls	No. Accepted	Average	No. of Calls	No. Accepted	Average	No. of Calls	No. Accepted	Average	No. of Calls	No. Accepted	Average
Arnold	549	167	30%	0	0		0	0		0	0		549	167	30%
Boyce	296	126	43%	0	0		0	0		0	0		296	126	43%
Butler	484	160	33%	0	0		0	0		0	0		484	160	33%
Charleroi	292	122	42%	0	0		0	0		0	0		292	122	42%
Clarion	70	34	49%	0	0		0	0		0	0		70	34	49%
Jennette	733	158	22%	0	0		0	0		0	0		733	158	22%
Jefferson	244	111	45%	0	0		0	0		0	0		244	111	45%
Kittanning	117	60	51%	0	0		0	0		0	0		117	60	51%
Larrobe	441	186	42%	0	0		0	0		0	0		441	186	42%
McConnellsburg	179	111	62%	0	0		0	0		0	0		179	111	62%
McDonald	144	70	49%	0	0		0	0		0	0		144	70	49%
Pleasant Valley	373	132	35%	0	0		0	0		0	0		373	132	35%
St. Mary's	144	122	85%	0	0		0	0		0	0		144	122	85%
State College	486	119	24%	0	0		0	0		0	0		486	119	24%
Uniontown	419	216	52%	0	0		0	0		0	0		419	216	52%
Washington	402	101	25%	0	0		0	0		0	0		402	101	25%
Waynesboro	519	184	35%	0	0		0	0		0	0		519	184	35%
Total AP Average	5891	2179	37%	0	0		0	0		0	0		5891	2179	37%

Electricians															
Service Center	Jan, Feb, Mar			Apr, May, Jun			Jul, Aug, Sep			Oct, Nov, Dec			YTD		
	No. of Calls	No. Accepted	Average	No. of Calls	No. Accepted	Average	No. of Calls	No. Accepted	Average	No. of Calls	No. Accepted	Average	No. of Calls	No. Accepted	Average
Arnold	61	44	72%	0	0		0	0		0	0		61	44	72%
Boyce	21	15	71%	0	0		0	0		0	0		21	15	71%
Butler	29	23	79%	0	0		0	0		0	0		29	23	79%
Charleroi	36	18	50%	0	0		0	0		0	0		36	18	50%
Jennette	37	10	27%	0	0		0	0		0	0		37	10	27%
Jefferson	69	26	41%	0	0		0	0		0	0		69	26	41%
Kittanning	23	14	61%	0	0		0	0		0	0		23	14	61%
Larrobe	46	14	30%	0	0		0	0		0	0		46	14	30%
Pleasant Valley	49	20	41%	0	0		0	0		0	0		49	20	41%
St. Mary's	18	8	44%	0	0		0	0		0	0		18	8	44%
State College	39	14	36%	0	0		0	0		0	0		39	14	36%
Washington	26	12	46%	0	0		0	0		0	0		26	12	46%
Waynesboro	63	19	30%	0	0		0	0		0	0		63	19	30%
Total AP Average	517	239	46%	0	0		0	0		0	0		517	239	46%

Total Combined AP Average	6408	2418	38%	0	0		0	0		0	0		6408	2418	38%
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Appendix V – 5% Circuit Calculation

DCII

AP calculates the DCII to provide a single index for ranking circuits. The DCII compares the SAIFI, SAIDI, CAIDI and ASAI for each circuit to the 5-year system averages of each index and combines them into a single index. An example of this calculation is shown below:

<u>Index</u>	<u>System Average</u>	<u>Sample Circuit</u> <u>Index</u>
SAIFI	0.66	2.32
SAIDI	181.95	258.8
CAIDI	275.71	176.23
ASAI	0.999654	0.999769

- 1) The SAIFI, SAIDI and CAIDI are compared to the system average indexes.

$$\begin{aligned} \text{Actual SAIFI / System Average SAIFI} &= 2.32 / 0.66 = 3.52 \\ \text{Actual SAIDI / System Average SAIDI} &= 258.8 / 181.95 = 1.42 \\ \text{Actual CAIDI / System Average CAIDI} &= 176.23 / 275.71 = 0.64 \end{aligned}$$

- 2) To permit the average to equal 70 percent this ratio is then inversely proportioned:

$$\begin{aligned} \text{SF} &= 1 - (0.3 \times (\text{Actual SAIFI} / \text{Average SAIFI})) = 1 - (0.3 \times 3.52) = -0.0560 \\ \text{SD} &= 1 - (0.3 \times (\text{Actual SAIDI} / \text{Average SAIDI})) = 1 - (0.3 \times 1.42) = 0.5740 \\ \text{CD} &= 1 - (0.3 \times (\text{Actual CAIDI} / \text{Average CAIDI})) = 1 - (0.3 \times 0.64) = 0.8080 \end{aligned}$$

- 3) The sum of the values is then divided by 3 to assign each index an equal weight in the calculation.

$$(\text{SF} + \text{SD} + \text{CD}) / 3 = (-0.0560 + 0.5740 + 0.8080) / 3 = 0.4420$$

- 4) The Actual ASAI is then multiplied directly to this value to get the interruption factor which when multiplied by 100 provides the DCII.

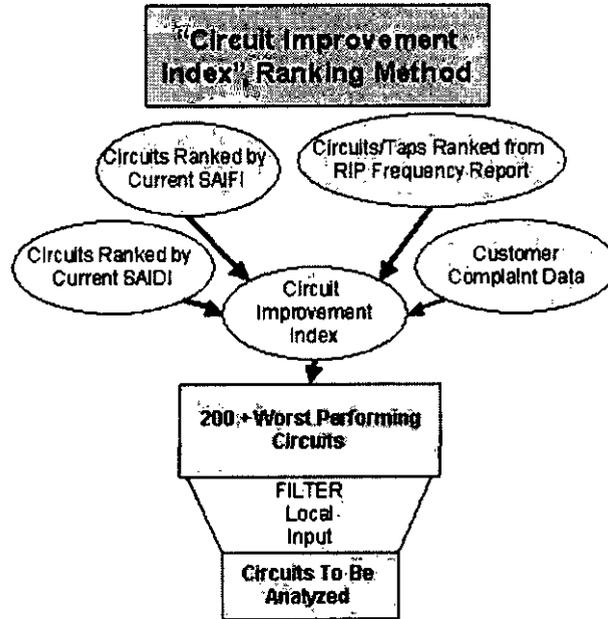
$$((\text{SF} + \text{SD} + \text{CD}) / 3) * \text{ASAI} \times 100 = \text{DCII} = 0.4420 * 0.999769 * 100 = 44.19$$

Circuit Improvement Index

Allegheny Power is considering a circuit improvement index that includes a number of factors such as frequency of lockouts, frequency of major tap interruptions representing individual customer outage frequency, customer complaint data (if applicable), plus traditional reliability indexes such as SAIFI and SAIDI. A 'master' circuit improvement list will be generated annually and reviewed at the local levels for field input. Field offices, being closer to the customer, have information needed to complete the selection process based on known circuit problems. The master list will then be narrowed to the 100 or so circuits to be studied for the next year. No less than the required applicable state commission requirement will be addressed. Under this circuit selection method,

about the same number of circuits will be evaluated since 5% of AP's 1850 circuits equals 93 circuits. Once circuits are selected for the next year, individual analysis will take place as part of AP's ongoing structured Reliability Improvement Program (RIP). Outage causes will be evaluated, circuit outage maps will be created to assist in the evaluation if needed, and budgets and work plans will be established to improve reliability for viable projects.

A schematic diagram of the process follows:



Appendix VI – Major Event Descriptions

Commission reports for the following major events are presented on the pages following this appendix:

- i. There were no Major Events in the first quarter.

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ORIGINAL

May 1, 2007

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FedEx

Mr. James McNulty, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Second Floor
Harrisburg, Pennsylvania 17120

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

**Re: PUC Docket No. L-00030161
Rulemaking Re Amending Electric Service Reliability Regulations at
52 Pa. Code Chapter 57**

Dear Secretary McNulty:

In accordance with Electric Service Reliability Regulations at 52 Pa. Code Chapter 57, enclosed are an original and six copies of PECO's 2007 Quarterly Reliability Report for the period ending March 31, 2007.

Because portions of the report contain sensitive and proprietary information, PECO is filing two versions of the report, one public and one proprietary. PECO requests that the proprietary report, which has been separated and clearly marked with a "Confidential and Proprietary" header on each page, be kept confidential, pursuant to Commission Order of March 20, 2006.

If you have any further questions regarding this matter, please call me at 215-841-5316.

Sincerely,



DOCUMENT FOLDER

cc: Office of Consumer Advocate
Office of Small Business Advocate

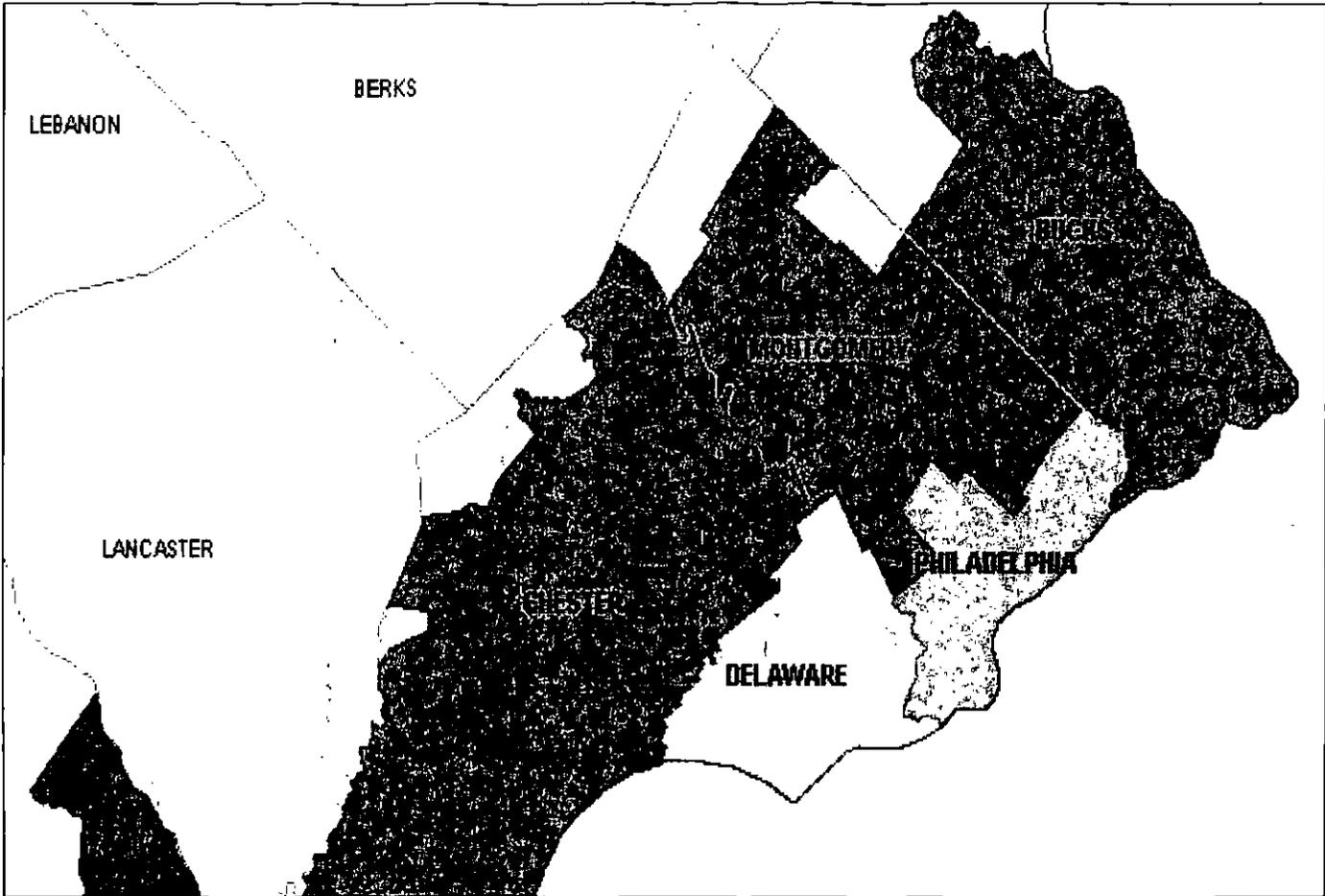
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**PECO Energy Company
Quarterly Reliability Report
For Period Ending March 31, 2007**

DOCKETED
MAY 4 - 2007



May 1, 2007

**DOCUMENT
FOLDER**

RECEIVED

MAY 01 2007

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

PECO Energy ("PECO")

Quarterly Reliability Report for the Period Ending March 31, 2007 filed with the Pennsylvania Public Utility Commission.

Submitted per Rulemaking Re: Amending Electric Service, Docket No. L-00030161 Reliability Regulations at 52 Pa.Code Chapter 57

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

PECO experienced no major events during the first quarter of 2007

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."

PECO Customers	Sustained Customer Interruptions	Sustained Customer Hours	Momentary Customer Interruptions	Sustained Customer Minutes	SAIFI	CAIDI	SAIDI	MAIFI
1,638,040	1,983,490	4,338,354	983,012	260,301,228	1.21	131	159	0.60

Data reflects 12 months ending 3/31/2007

PECO Benchmarks and Rolling 12-Month Standards				
	SAIFI	CAIDI	SAIDI	MAIFI
Benchmark	1.23	112	138	N/A
Rolling 12-Month Standard	1.48	134	198	N/A

SAIFI, CAIDI, and SAIDI are above their respective benchmarks, primarily due to the extraordinary storm activity in the last three quarters of 2006. All three index values are better than the standards established on May 7, 2004. No benchmark or standard was established for MAIFI. All of PECO's reliability index values for the 12 months ending with March, 2007 improved relative to the 12 months ending with December, 2006.

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.”

PECO's worst performing 5% circuits for 2006 are selected based on rolled up customer interruptions – a count of all customer interruptions on a given circuit and on other circuits for which it is a source, due to outages on the given circuit in a 12 month period. This measure is oriented toward its contribution to system SAIFI. In addition, circuits with a history of repeat appearance on worst performing lists, or with high circuit SAIFI, were selectively included in the 5% list.

Worst circuits and the rolling 12-month reliability index values requested are shown in Appendix A.

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

Remedial efforts taken or planned to date for PECO's worst performing 5% of circuits are shown in Appendix B.

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 included.”

12 Months Ending March 31, 2007					
Cause	Cases of Trouble	% Cases of Trouble	Customer* Interruptions	% Customer Interruptions	Customer Minutes
Animal	1,204	8.8%	45,437	2.3%	3,280,939
Contact/Dig-In	255	1.9%	47,661	2.4%	3,176,409
Equipment Failure	4,760	34.6%	594,403	30.0%	67,058,887
Lightning	1,122	8.2%	191,090	9.6%	30,333,848
Other	1,346	9.8%	179,714	9.1%	18,505,549
T&S	25	0.2%	82,705	4.2%	5,870,378
Unknown	422	3.1%	69,507	3.5%	6,413,713
Vegetation-Broken/Uprooted	2,150	15.6%	484,901	24.4%	86,529,444
Vegetation-Ingrowth	2,042	14.9%	157,658	7.9%	29,439,829
Vehicles	417	3.0%	130,414	6.6%	9,692,233

*The data supplied is the number of interrupted customers for each interruption event summed for all events, also known as customer interruptions. A customer interrupted by three separate trouble cases represents three customer interruptions, but only one customer interrupted.

The largest contributors to customer interruptions were tree-related interruptions and equipment failure. The leading groups within the equipment failure category were aerial equipment and underground equipment. Most customer interruptions caused by trees came from broken branches and tree trunks or uprooted trees. (75% of vegetation outages), as opposed to ingrowth (25% of vegetation outages). The high number of vegetation-related interruptions in the last 12 months was primarily due to the extraordinary storm activity during the last three quarters of 2006, which caused trees to break or fall into PECO's distribution facilities. PECO has continued with the significant supplemental vegetation management program it began in 2006 to prune or remove trees between cycles of its regularly scheduled vegetation management program.

Section 57.195(e)(6). *“Quarterly a year to date information on progress toward meeting transmission and distribution inspection and maintenance goals/objectives” (For First, Second and Third Quarter reports only).”*

Predictive and Preventive Maintenance Program – status as of 3/31/07					
	1 st Quarter Tasks		YTD Tasks		2007 Total Planned
	Planned	Complete	Planned	Complete	
Manhole Inspections (Number of manholes inspected)	535	664	535	664	2,480
Circuit Patrol & Thermography (Number of circuits inspected)	422	525	422	525	750
Recloser Inspections (Number of reclosers inspected)	268	335	268	335	268
Center City Network Inspections (Number of maintenance tasks performed (e.g. visual inspection, functional testing))	0	2	0	2	320
T&S Maintenance (Number of maintenance tasks performed (e.g. visual inspection, predictive/diagnostic maintenance, preventive maintenance) for a variety of substation components)	976	1,193	976	1,193	3,942
T&S Testing (Number of maintenance tasks performed (e.g. calibration, trip test))	410	472	410	472	1,097
Totals	2,686	3,191	2,686	3,191	8,857
Vegetation Management Preventive Maintenance Program – status as of 3/31/07					
	1 st Quarter Miles		YTD Miles		2007 Total Planned
	Planned	Complete	Planned	Complete	
Distribution Lift and Manual Trimming	579	583	579	583	2,963
Transmission Trimming and Removals	48	48	48	48	199
Totals	627	631	627	631	3,162

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.)

\$Millions	Budgeted 1 st Quarter	Actual 1 st Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business				
Connections	\$0.9 M	\$1.0 M	\$0.9 M	\$1.0 M
Capacity Expansion	\$0.3 M	\$0.3 M	\$0.3 M	\$0.3 M
System Performance	\$5.7 M	\$3.0 M	\$5.7 M	\$3.0 M
Facility Relocation	\$0.5 M	\$0.5 M	\$0.5 M	\$0.5 M
Maintenance	\$34.6 M	\$36.5 M	\$34.6 M	\$36.5 M
Total*	\$42.0 M	\$41.3 M	\$42.0 M	\$41.3 M

See Appendix C for category definitions.

Total actual does not include \$1.1M YTD of incremental Storm Funds for the 1st quarter

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.)

\$Millions	Budgeted 1 st Quarter	Actual 1 st Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business				
Connections	\$14.7 M	\$12.3 M	\$14.7 M	\$12.3 M
Capacity Expansion	\$32.2 M	\$32.9 M	\$32.2 M	\$32.9 M
System Performance	\$8.7 M	\$5.0 M	\$8.7 M	\$5.0 M
Facility Relocation	\$1.9 M	\$0.6 M	\$1.9 M	\$0.6 M
Maintenance	\$13.5 M	\$18.1 M	\$13.5 M	\$18.1 M
Total *	\$71.0 M	\$68.9 M	\$71.0 M	\$68.9 M

See Appendix C for category definitions.

*Total actual does not include \$0.3M YTD of incremental Storm Funds for the 1st quarter.

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 (e.g., lineman, technician and electrician).”

PECO’s full-time trade staff as of March 31, 2007 was as follows:

Aerial Lineman*	371
Underground Lineman	60
Transmission / Substation Mechanics, Operators	89
Energy Technicians	92
Aerial Foreman	51
Underground Foreman	18
Transmission / Substation Foreman	29
Total	710

*An aerial line school started April 9, 2007

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Appendix A

Rolling 12-month reliability index values for 5% worst performing circuits.

CIRCUIT	CUSTOMERS ON CIRCUIT	12 Month Rolling Circuit SAIFI	12 Month Rolling Circuit CAIDI	12 Month Rolling Circuit SAIDI	12 Month Rolling Circuit MAIFI	12 Month Rolling Customers Interrupted	12 Month Rolling Customer Hours	12 Month Rolling Momentary Customers Interrupted
ANGORA_133	3,516	1.45	45	65	0.68	5,085	3,830	2,403
BALA_141	947	3.62	263	950	1.00	3,424	15,002	947
BELLEVUE_133	2,054	4.86	175	851	0.78	9,984	29,146	1,597
BRADFORD_344	2,470	3.81	165	628	2.26	9,414	25,845	5,583
BRADFORD_353	2,272	4.64	185	859	1.34	10,540	32,520	3,044
BRYN_MAWR_147	1,575	5.79	37	215	3.77	9,122	5,650	5,937
BUCKINGHAM_353	1,354	2.79	113	315	0.82	3,773	7,110	1,107
BUCKINGHAM_371	1,827	5.11	85	433	1.09	9,344	13,180	2,000
BUCKINGHAM_372	1,078	1.97	88	173	0.29	2,128	3,115	313
BYBERRY_132	861	4.56	69	317	0.00	3,926	4,546	0
BYBERRY_137	1,768	3.88	61	236	1.42	6,851	6,951	2,505
BYBERRY_141	2,101	2.09	48	99	1.00	4,383	3,474	2,100
BYBERRY_148	2,000	1.86	159	297	1.33	3,728	9,895	2,668
BYBERRY_173	1,724	2.56	94	240	0.00	4,411	6,890	0
BYBERRY_174	826	2.32	162	376	1.98	1,914	5,173	1,632
CEDARBROOK_137	1,717	2.41	68	164	0.00	4,139	4,684	0
CIVIC_010	265	7.58	100	755	0.00	2,008	3,335	0
COCHRANVILLE_341	1,803	4.87	180	879	4.10	8,785	26,418	7,392
COLWYN_132	2,535	3.22	104	334	0.90	8,151	14,095	2,291
COLWYN_133	3,348	2.21	131	289	0.68	7,388	16,131	2,280
CONCORD_011	451	5.69	246	1,399	2.00	2,567	10,517	904
CONCORD_347	1,153	1.93	184	356	5.82	2,229	6,835	6,706
CONCORD_348	1,321	2.56	150	384	1.12	3,384	8,448	1,473
CONCORD_351	1,836	2.02	116	234	2.53	3,715	7,158	4,653
CREEK_000	399	5.51	182	1,000	0.00	2,197	6,648	0
DALEVILLE_341	954	4.55	49	225	0.96	4,345	3,573	919
DELTA_002	664	2.09	78	163	0.00	1,391	1,799	0
EAGLE_352	1,514	6.11	82	501	4.98	9,255	12,654	7,542
EDGMONT_133	2,306	3.14	141	441	1.60	7,242	16,963	3,693
FALLS_351	1,950	2.02	94	190	0.00	3,945	6,169	0
FOULK_143	1,254	2.12	91	193	0.99	2,656	4,035	1,242
GLADWYNE_133	791	4.24	134	569	0.27	3,350	7,508	216
GOSHEN_351	1,046	2.49	148	369	0.00	2,600	6,425	0
HARTSVILLE_003	700	2.84	127	361	1.00	1,985	4,208	700
HEARTWOOD_008	611	3.05	92	282	1.00	1,864	2,874	611
HEATON_136	1,572	3.13	170	533	0.00	4,925	13,961	0
HEATON_167	898	3.34	103	343	0.00	2,996	5,129	0
HEATON_169	1,514	2.53	68	171	0.00	3,831	4,318	0
JARRETT_142	1,094	5.06	120	608	0.13	5,537	11,080	143
JENKINTOWN_133	1,589	2.26	23	53	0.00	3,585	1,403	0
JENKINTOWN_144	1,891	6.08	145	880	0.54	11,498	27,740	1,023
JENNERSVILLE_341	2,340	4.44	69	306	6.11	10,381	11,943	14,286
LENAPE_342	1,820	2.26	208	470	2.03	4,105	14,253	3,687
LENAPE_343	2,224	6.71	170	1,138	3.21	14,922	42,168	7,145
LENAPE_351	1,443	5.55	164	912	2.68	8,005	21,925	3,873
LINE_1100CL	1,360	2.90	390	1,130	0.25	3,943	25,609	340
LINE_127_00LL	6	2.83	59	167	0.17	17	17	1
LINE_1300CR	1,862	4.10	110	450	2.48	7,627	13,975	4,611
LINE_132_00WO	591	5.58	139	774	0.00	3,299	7,621	0
LINE_141_00CL	1,818	4.57	111	508	2.19	8,306	15,379	3,988
LINE_149_00	634	1.81	141	256	0.40	1,148	2,701	255
LINE_183_00	874	2.82	62	174	0.12	2,467	2,534	106

CIRCUIT	CUSTOMERS ON CIRCUIT	12 Month Rolling Circuit SAIFI	12 Month Rolling Circuit CAIDI	12 Month Rolling Circuit SAIDI	12 Month Rolling Circuit MAIFI	12 Month Rolling Customers Interrupted	12 Month Rolling Customer Hours	12 Month Rolling Momentary Customers Interrupted
LINE_2100CR	976	1.96	135	266	0.77	1,914	4,322	747
LINE_2235	2,087	2.26	87	196	1.00	4,722	6,810	2,077
LINE_3307NT	2,182	2.51	189	474	0.19	5,471	17,230	419
LINE_3326	1	2.00	56	113	1.00	2	2	1
LINE_3344	619	3.98	82	327	1.52	2,461	3,378	943
LINE_4100PB	1,493	4.37	53	230	1.17	6,521	5,731	1,747
LINE_5100PB	603	3.15	130	408	0.52	1,901	4,105	316
LINE_5800	437	4.70	102	477	0.11	2,054	3,477	48
LINE_7800BA	4	5.25	34	178	2.25	21	12	9
LINE_800CR	1,794	2.04	142	290	1.28	3,662	8,671	2,288
LINE_9400CR	578	2.06	186	383	1.36	1,191	3,690	785
LINTON_351	2,506	2.54	145	367	0.90	6,354	15,334	2,249
LLANERCH_142	1,368	2.47	103	253	0.00	3,375	5,778	1
LLANERCH_144	1,831	2.68	47	126	0.00	4,911	3,856	0
MATTHEWS_000	645	2.14	153	328	0.00	1,383	3,521	0
MIDDLETOWN_132	1,583	3.75	122	456	3.01	5,937	12,036	4,765
MIDDLETOWN_133	1,621	2.41	249	599	0.00	3,905	16,189	0
MIDDLETOWN_142	1,501	3.83	98	374	0.00	5,751	9,349	0
MIDDLETOWN_352	2,296	3.02	137	414	0.76	6,941	15,856	1,738
MORTON_141	1,611	3.56	79	283	1.68	5,730	7,586	2,706
NESHAMINY_134	743	4.48	83	371	0.00	3,329	4,597	0
NESHAMINY_141	1,225	1.95	67	131	0.00	2,383	2,670	0
NEWLINVILLE_341	2,078	1.26	177	224	0.94	2,626	7,764	1,946
NEWLINVILLE_344	3,042	2.69	191	514	0.36	8,179	26,054	1,100
NEWLINVILLE_352	2,326	2.77	249	691	4.65	6,451	26,781	10,824
NEWLINVILLE_353	2,103	2.70	146	395	1.42	5,677	13,844	2,994
NEWLINVILLE_354	2,645	4.76	225	1,072	2.72	12,594	47,264	7,193
NEWTOWN_SQUAR_131	1,008	5.97	189	1,131	0.51	6,016	18,993	518
NEWTOWN_SQUAR_146	1,453	2.72	144	390	1.45	3,945	9,453	2,108
NORTH_WALES_343	2,750	2.17	120	261	0.65	5,965	11,955	1,776
NORTH_WALES_347	1,235	2.11	62	132	0.00	2,609	2,708	2
NORTH_WALES_353	2,075	1.49	121	180	2.96	3,094	6,234	6,140
OLIVE_001	966	5.05	221	1,117	0.99	4,877	17,985	960
PARRISH_133	3,690	1.91	34	66	0.93	7,063	4,048	3,435
PARRISH_138	3,255	2.10	56	118	0.02	6,833	6,388	66
PERKIOMEN_341	1,176	4.34	106	460	0.75	5,100	9,018	886
PERKIOMEN_361	2,060	1.81	151	274	0.00	3,727	9,410	0
PERKIOMEN_363	1,972	1.46	81	118	0.58	2,875	3,868	1,136
PHOENIXVILLE_002	1,090	3.27	147	481	2.03	3,565	8,743	2,209
PICKERING_002	737	11.29	69	779	2.00	8,322	9,569	1,474
PLYMOUTH_134	1,813	3.61	46	168	1.03	6,551	5,067	1,870
PLYMOUTH_141	1,110	2.08	43	89	2.05	2,314	1,652	2,279
PLYMOUTH_160	751	3.50	120	420	0.00	2,631	5,252	0
PULASKI_136	4,025	2.36	82	194	1.80	9,514	12,993	7,254
RICHMOND_131	358	2.00	54	108	0.00	717	643	0
SILES_135	1,367	7.98	150	1,197	0.05	10,914	27,277	64
STREET_000	389	9.78	128	1,251	5.64	3,804	8,111	2,194
TABOR_139	1,888	2.51	160	401	0.00	4,741	12,609	0
TREDYFFRIN_141	1,054	4.52	101	458	0.10	4,765	8,044	105
TREVOSE_136	1,354	3.57	84	299	0.51	4,830	6,753	695
UPPER_MERION_141	1,025	2.01	199	400	0.38	2,058	6,826	393
UWCHLAN_004	591	3.63	251	911	0.00	2,147	8,973	0

CIRCUIT	CUSTOMERS ON CIRCUIT	12 Month Rolling Circuit SAIFI	12 Month Rolling Circuit CAIDI	12 Month Rolling Circuit SAIDI	12 Month Rolling Circuit MAIFI	12 Month Rolling Customers Interrupted	12 Month Rolling Customer Hours	12 Month Rolling Momentary Customers Interrupted
WAGONTOWN_000	595	4.78	179	855	1.06	2,847	8,477	629
WARMINSTER_142	1,551	3.45	210	723	0.64	5,344	18,687	992
WAYNE_132	1,008	2.39	146	349	0.07	2,408	5,858	72
WEST_GROVE_001	831	6.07	69	417	1.98	5,044	5,779	1,647
WEST_OAK_LANE_012	533	4.07	121	492	0.83	2,171	4,372	444
WHITEMARSH_131	1,189	1.77	174	308	0.50	2,104	6,112	591
WHITEMARSH_141	1,141	1.97	155	307	2.60	2,253	5,835	2,971
WOODBOURNE_343	1,717	1.06	112	118	0.00	1,813	3,377	0

*The data supplied is the number of interrupted customers for each interruption event summed for all events, also known as customer interruptions. If a customer is interrupted by three separate trouble cases, they represent three customer interruptions, but only one customer interrupted.

Appendix B

Remedial efforts taken and planned for 5% worst performing circuits as of 3/31/07

ANGORA-133

Philadelphia

Completed:

Inspected circuit visually and with thermographic camera
Installed additional fusing.
Completed reliability corrective work orders.

Planned:

Remedial efforts complete.

BALA-141

Delaware County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Replaced primary wire
Installed additional fusing.
Performed regularly scheduled tree clearance
Completed reliability corrective work orders

Planned:

Install additional fusing.

BELLEVUE-133

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Tested and adjusted or repaired recloser

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed
Perform regularly scheduled tree clearance
Complete reliability corrective work orders
Upgrade cable insulation
Install three-phase reclosers
Install three-phase reclosers on supply line

BRADFORD-344

Chester County

Completed:

Inspected selected areas of circuit for vegetation issues and corrected as needed
Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Replaced reclosers

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed
Complete reliability corrective work orders

BRADFORD-353

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Tested and adjusted or repaired recloser

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed
Install single-phase recloser

BRYN MAWR-147

Delaware County

Completed:

Inspected circuit visually and with thermographic camera
Tested and adjusted or repaired recloser

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed
Install single-phase reclosers
Complete reliability corrective work orders
Upgrade wildlife protection

BUCKINGHAM-353

Bucks County

Completed:

Inspected selected areas of circuit for vegetation issues and corrected as needed
Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Tested and adjusted or repaired recloser
Replaced reclosers

Planned:

Complete reliability corrective work orders
Upgrade lightning protection

BUCKINGHAM-371

Bucks County

Completed:

Inspected selected areas of circuit for vegetation issues and corrected as needed
Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Repaired switch

Planned:

Complete reliability corrective work orders

BUCKINGHAM-372

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Installed three-phase recloser
Tested and adjusted or repaired recloser
Completed reliability corrective work orders

Planned:

Complete reliability corrective work orders

BYBERRY-132

Philadelphia

Completed:

Inspected circuit visually and with thermographic camera

Planned:

Circuit under analysis

BYBERRY-137

Philadelphia

Completed:

Work to be completed per plan

Planned:

Circuit under analysis

BYBERRY-141*Philadelphia***Completed:**

Installed wildlife protection
Completed reliability corrective work orders
Inspected circuit visually and with thermographic camera

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed
Install three-phase recloser

BYBERRY-148*Philadelphia***Completed:**

Inspected selected areas of circuit for vegetation issues and corrected as needed
Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Installed three-phase recloser

Planned:

Complete reliability corrective work orders
Add remote control to reclosers
Upgrade wildlife protection
Replace aerial wire

BYBERRY-173*Philadelphia***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed reliability corrective work orders

Planned:

Upgrade fusing
Upgrade lightning protection
Complete reliability corrective work orders

BYBERRY-174*Philadelphia***Completed:**

Inspected selected areas of circuit for vegetation issues and corrected as needed
Inspected circuit visually and with thermographic camera
Installed additional fusing.
Completed reliability corrective work orders.

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed

CEDARBROOK 137*Philadelphia***Completed:**

Inspected circuit visually and with thermographic camera
Performed regularly scheduled tree clearance

Planned:

Complete reliability corrective work orders

CIVIC-10*Philadelphia***Completed:**

Inspected circuit visually and with thermographic camera
Installed three-phase vacuum interrupter

Planned:

Install three-phase vacuum interrupter

COCHRANVILLE-341*Chester County***Completed:**

Inspected selected areas of circuit for vegetation issues and corrected as needed

Inspected circuit visually and with thermographic camera

Installed three-phase recloser

Installed single-phase recloser

Tested and adjusted or repaired recloser

Upgraded transformer

Completed reliability corrective work orders.

Planned:

Perform regularly scheduled tree clearance

Install three-phase recloser

Complete reliability corrective work orders

COLWYN-132*Delaware County***Completed:**

Inspected selected areas of circuit for vegetation issues and corrected as needed

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders.

Upgraded wildlife protection

Planned:

Complete reliability corrective work orders.

Perform regularly scheduled tree clearance

COLWYN-133*Delaware County***Completed:**

Inspected selected areas of circuit for vegetation issues and corrected as needed.

Inspected circuit visually and with thermographic camera

Performed regularly scheduled tree clearance

Planned:

Upgrade fusing

Complete reliability corrective work orders

CONCORD-011*Delaware County***Completed:**

Inspected circuit visually and with thermographic camera

Installed additional fusing.

Completed reliability corrective work orders.

Performed regularly scheduled tree clearance

Planned:

Remedial efforts complete.

CONCORD-347*Delaware County***Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders.

Tested and adjusted or repaired recloser *

Performed regularly scheduled tree clearance

Planned:

Upgrade wildlife protection

Install single-phase reclosers

Install electronic sectionalizers

Complete reliability corrective work orders

CONCORD-348*Delaware County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Upgraded lightning protection
Tested and adjusted or repaired recloser
Completed reliability corrective work orders.

Planned:

Remedial efforts complete.

CONCORD-351*Delaware County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Replaced underground cable
Tested and adjusted recloser operation
Completed reliability corrective work orders.

Planned:

Remedial efforts complete.

CREEK-000*Delaware County***Completed:**

Inspected circuit visually and with thermographic camera
Installed additional fusing.
Performed regularly scheduled tree clearance

Planned:

Remedial efforts complete.

DALEVILLE-341*Chester County***Completed:**

Inspected selected areas of circuit for vegetation issues and corrected as needed
Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders.
Upgraded lightning protection

Planned:

Circuit reconfiguration with reclosers added to Daleville 341
Perform regularly scheduled tree clearance
Complete reliability corrective work orders.

DELTA-002*York County***Completed:**

Inspected circuit visually and with thermographic camera

Planned:

Circuit under analysis

EAGLE-352*Chester County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Installed three-phase recloser
Performed regularly scheduled tree clearance
Completed reliability corrective work orders.

Planned:

Remedial efforts complete.

EDGEMONT-133*Delaware County***Completed:**

Work to be done per planned

Planned:

Circuit under analysis
Perform regularly scheduled tree clearance

FALLS-351*Bucks County***Completed:**

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Tested and adjusted or repaired recloser

Planned:

Upgrade lightning protection
Perform regularly scheduled tree clearance

FOULK-143*Delaware County***Completed:**

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders.

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed
Perform regularly scheduled tree clearance
Install three-phase reclosers

GLADWYNE – 133*Delaware County***Completed:**

Inspected circuit visually and with thermographic camera
Replaced three-phase recloser
Completed reliability corrective work orders
Tested and adjusted or repaired recloser

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed
Complete reliability corrective work orders
Install single-phase reclosers
Upgrade lightning protection
Upgrade wildlife protection

GOSHEN-351

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Replaced reclosers
Upgraded lightning protection
Tested and adjusted or repaired recloser
Completed reliability corrective work orders

Planned:

Remedial efforts complete.

HARTSVILLE-003

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders

Planned:

Upgrade switches
Complete reliability corrective work orders.

HEARTWOOD – 008

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed
Complete reliability corrective work orders.

HEATON-136

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera
Performed regularly scheduled tree clearance

Planned:

Circuit under analysis

HEATON-167

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera
Installed three-phase recloser
Installed single-phase recloser
Completed reliability corrective work orders
Performed regularly scheduled tree clearance

Planned:

Remedial efforts complete.

HEATON-169

Montgomery County

Completed:

Work to be done per plan

Planned:

Circuit under analysis

JARRETT-142*Montgomery County***Completed:**

Inspected circuit visually and with thermographic camera
Performed regularly scheduled tree clearance

Planned:

Circuit under analysis
Perform regularly scheduled tree clearance

JENKINTOWN-133*Montgomery County***Completed:**

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Performed regularly scheduled tree clearance

Planned:

Upgrade lightning protection
Upgrade wildlife protection
Complete reliability corrective work orders

JENKINTOWN-144*Montgomery County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Upgraded lightning protection
Relocated three-phase recloser
Completed reliability corrective work orders.
Performed regularly scheduled tree clearance

Planned:

Complete reliability corrective work orders.

JENNERSVILLE-341*Chester County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Upgraded fusing
Rearranged circuit for better automatic transfer
Completed reliability corrective work orders.
Tested and adjusted or repaired recloser

Planned:

Perform regularly scheduled tree clearance

LENAPE-342*Chester County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Upgraded lightning protection
Tested and adjusted or repaired recloser
Repaired recloser control
Performed regularly scheduled tree clearance

Planned:

Complete reliability corrective work orders.
Upgrade fusing

LENAPE-343

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Tested and adjusted or repaired recloser
Completed reliability corrective work orders
Performed regularly scheduled tree clearance

Planned:

Install single-phase recloser

LENAPE-351

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Replaced three-phase recloser
Completed reliability corrective work orders
Performed regularly scheduled tree clearance

Planned:

Install single-phase recloser
Complete reliability corrective work orders

LINE-127-OOLL

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed
Complete reliability corrective work orders

LINE-132-OOWO

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Replaced switches
Installed reclosers on downstream circuit
Completed reliability corrective work orders
Installed faulted circuit indicators
Completed reliability corrective work orders

Planned:

Install reclosers
Complete reliability corrective work orders
Perform regularly scheduled tree clearance

LINE-141-OOCL

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Tested and adjusted or repaired recloser

Planned:

Install three-phase recloser
Complete reliability corrective work orders
Perform regularly scheduled tree clearance

LINE-149-00

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Planned:

Install three-phase recloser

Complete reliability corrective work orders

LINE-183-00

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders.

Planned:

Complete reliability corrective work orders.

Perform regularly scheduled tree clearance

LINE-800-CR

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Replaced three-phase reclosers

Tested and adjusted or repaired recloser

Planned:

Complete reliability corrective work orders.

LINE-1100-CL

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Upgraded fusing

Planned:

Install three-phase reclosers

Upgrade wildlife protection

Install single-phase recloser

Inspect selected areas of circuit for vegetation issues and correct as needed

LINE-1300-CR

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Performed regularly scheduled tree clearance

Planned:

Complete reliability corrective work orders

Extend primary conductors to close loop

LINE-2100-CR

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Replaced three-phase recloser

Repaired switches

Completed reliability corrective work orders

Performed regularly scheduled tree clearance

Planned:

Complete reliability corrective work orders

LINE-2235*Philadelphia***Completed:**

Inspected circuit visually and with thermographic camera

Upgraded wildlife protection

Completed reliability corrective work orders.

Performed regularly scheduled tree clearance

Planned:

Remedial efforts complete.

LINE-3326*Delaware County***Completed**

Work to be completed per plan

Planned

Circuit under analysis

LINE-3307-NT*Chester County***Completed:**

Performed regularly scheduled tree clearance

Inspected circuit visually and with thermographic camera

Tested and adjusted or repaired recloser

Planned:

Install three-phase recloser

Complete reliability corrective work orders.

LINE-3344*Delaware County***Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders.

Performed regularly scheduled tree clearance

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed

Complete reliability corrective work orders.

Upgrade lightning protection

LINE- 4100PB*Chester County***Completed:**

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Transferred customers to newly installed circuits.

Replaced recloser control.

Replaced switch

Completed reliability corrective work orders.

Planned:

Remedial efforts complete.

LINE-5100PB*Chester County***Completed:**

Inspected circuit visually and with thermographic camera

Tested and adjusted or repaired recloser

Planned:

Circuit under analysis

LINE-5800

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Installed three-phase recloser
Completed reliability corrective work orders
Performed regularly scheduled tree clearance

Planned:

Remedial efforts complete.

LINE-7800BA

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders

Planned:

Perform regularly scheduled tree clearance
Install three-phase reclosers
Complete reliability corrective work orders
Repair switch

LINE-9400CR

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Upgraded lightning protection
Tested and adjusted or repaired recloser
Installed underground cable
Performed regularly scheduled tree clearance
Completed reliability corrective work orders.

Planned:

Remedial efforts complete.

LINTON-351

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Tested and adjusted or repaired recloser

Planned:

Complete reliability corrective work orders
Perform regularly scheduled tree clearance

LLANERCH-142

Delaware County

Completed:

Work to be completed per planned

Planned:

Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Circuit under analysis

LLANERCH-144

Delaware County

Completed:

Inspected selected areas of circuit for vegetation issues and corrected as needed

Inspected circuit visually and with thermographic camera

Planned:

Circuit under analysis

MATTHEWS-000

Chester County

Completed:

Installed single-phase recloser

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective work orders

Planned:

Remedial efforts complete.

MIDDLETOWN-132

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Tested and adjusted or repaired recloser

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed

Complete reliability corrective work orders

MIDDLETOWN-133

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Tested and adjusted or repaired recloser

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed

Complete reliability corrective work orders.

Install three-phase reclosers

Replace aerial wire

MIDDLETOWN-142

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed

Install three-phase recloser

Install single-phase recloser

Install electronic sectionalizer

Complete reliability corrective work orders.

MIDDLETOWN-352

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Repaired three phase reclosers.

Tested and adjusted or repaired recloser

Completed reliability corrective work orders.

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed

Complete reliability corrective work orders

MORTON-141*Delaware County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed reliability corrective work orders
Performed regularly scheduled tree clearance

Planned:

Complete reliability corrective work orders
Upgrade wildlife protection
Upgrade fuse
Upgrade transformer

NESHAMINY-134*Bucks County***Completed:**

Work to be completed per plan

Planned:

Circuit under analysis

NESHAMINY-141*Bucks County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Installed three-phase reclosers
Completed reliability corrective work orders.

Planned:

Perform regularly scheduled tree clearance

NEWLINVILLE-341*Chester County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Tested and adjusted recloser operation
Completed reliability corrective work orders

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed

NEWLINVILLE-344*Chester County***Completed:**

Inspected circuit visually and with thermographic camera
Installed single-phase recloser
Tested and adjusted or repaired recloser
Completed reliability corrective work orders

Planned:

Install three-phase reclosers

NEWLINVILLE-352*Chester County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Replaced recloser
Tested and adjusted or repaired recloser
Shifted customers to new circuit, reducing exposure to outages
Completed reliability corrective work orders

Planned:

Repair recloser control
Complete reliability corrective work orders

NEWLINVILLE-353*Chester County***Completed:**

Inspected selected areas of circuit for vegetation issues and corrected as needed
Inspected circuit visually and with thermographic camera

Planned:

Circuit under analysis

NEWLINVILLE-354*Chester County***Completed:**

Inspected selected areas of circuit for vegetation issues and corrected as needed
Inspected circuit visually and with thermographic camera

Planned:

Circuit under analysis

NEWTOWN-SQUARE-131*Delaware County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed reliability corrective work orders

Planned:

Install three-phase recloser
Upgrade lightning protection
Upgrade fusing
Complete reliability corrective work orders

NEWTOWN-SQUARE-146*Delaware County***Completed:**

Inspected selected areas of circuit for vegetation issues and corrected as needed
Inspected circuit visually and with thermographic camera
Installed wildlife protection
Tested and adjusted or repaired recloser
Completed reliability corrective work orders

Planned:

Remedial efforts complete.

NORTH WALES-343*Montgomery County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected / tested recloser operation
Completed reliability corrective work orders

Planned:

Complete reliability corrective work orders
Repair switch

NORTH WALES-347*Montgomery County***Completed:**

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Tested and adjusted or repaired recloser

Planned:

Complete reliability corrective work orders

NORTH WALES-353

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Replaced recloser
Upgraded lightning protection
Installed switch
Completed reliability corrective work orders

Planned:

Complete reliability corrective work orders

OLIVE 001

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Made reliability improvements to supply circuit
Upgraded transformers
Completed reliability corrective work orders

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed
Complete reliability corrective work orders

PARRISH-133

Philadelphia

Completed:

Inspected circuit visually and with thermographic camera

Planned:

Circuit under analysis

PARRISH-138

Philadelphia

Completed:

Completed reliability corrective work orders
Tested and adjusted or repaired recloser

Planned:

Upgrade fusing
Complete reliability corrective work orders

PERKIOMEN-341

Montgomery County

Completed

Inspected circuit visually and with thermographic camera
Tested and adjusted or repaired recloser
Completed reliability corrective work orders.

Planned:

Remedial efforts complete.

PERKIOMEN-361

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed reliability corrective work orders
Tested and adjusted or repaired recloser
Replaced recloser

Planned:

Upgrade switches
Perform regularly scheduled recloser maintenance

PERKIOMEN-363*Montgomery County***Completed:**

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders

Planned:

Remedial efforts complete.

PHOENIXVILLE-002*Chester County***Completed:**

Inspected circuit visually and with thermographic camera
Performed regularly scheduled tree clearance
Upgraded fusing

Planned:

Complete reliability corrective work orders.
Upgrade lightning protection
Upgrade switches

PICKERING-002*Chester County***Completed:**

Inspected circuit visually and with thermographic camera
Replaced switches
Completed reliability corrective work orders.

Planned:

Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Complete reliability corrective work orders
Upgrade fusing
Renew circuit supply cable

PLYMOUTH-134*Montgomery County***Completed:**

Inspected circuit visually and with thermographic camera
Performed regularly scheduled tree clearance

Planned:

Circuit under analysis

PLYMOUTH-141*Montgomery County***Completed:**

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders.
Performed regularly scheduled tree clearance

Planned:

Install single-phase recloser

PLYMOUTH-160*Montgomery County***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Installed three-phase recloser
Completed reliability corrective work orders.

Planned:

Inspect selected areas of circuit for vegetation issues and correct as needed

PULASKI-136*Philadelphia***Completed:**

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Upgraded fusing
Tested and adjusted or repaired recloser
Upgraded lightning protection
Completed reliability corrective work orders.
Performed regularly scheduled tree clearance

Planned:

Inspected selected areas of circuit for vegetation issues and corrected as needed

RICHMOND-131*Philadelphia***Completed:**

Inspected circuit visually and with thermographic camera
Installed three-phase reclosers.
Completed reliability corrective work orders.

Planned:

Remedial efforts complete.

SILES-135*Bucks County***Completed:**

Inspected selected areas of circuit for vegetation issues and corrected as needed
Inspected circuit visually and with thermographic camera
Upgraded wildlife protection
Tested and adjusted recloser operation
Upgraded lightning protection
Completed reliability corrective work orders.

Planned:

Perform regularly scheduled tree clearance
Inspect select areas of circuit for vegetation issues and corrected as needed

STREET-000*Bucks County***Completed:**

Inspected circuit visually and with thermographic camera
Performed regularly scheduled tree clearance

Planned:

Circuit under analysis

TABOR-139*Philadelphia***Completed:**

Inspected circuit visually and with thermographic camera
Performed regularly scheduled tree clearance
Upgraded wildlife protection
Completed reliability corrective work orders.

Planned:

Inspect select areas of circuit for vegetation issues and corrected as needed

TREDYFFRIN-141

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders.
Performed regularly scheduled tree clearance
Tested and adjusted or repaired recloser

Planned:

Inspect select areas of circuit for vegetation issues and corrected as needed
Complete reliability corrective work orders.
Upgrade lightning protection
Upgrade fusing

TREVOSE 136

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Tested and adjusted or repaired recloser

Planned:

Inspect select areas of circuit for vegetation issues and correct as needed
Complete reliability corrective work orders

UPPER MERION-141

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Upgraded wildlife protection
Completed reliability corrective work orders

Planned:

Inspect select areas of circuit for vegetation issues and corrected as needed
Upgrade fusing
Install three-phase recloser
Install single-phase recloser
Complete reliability corrective work orders

UWCHLAN-004

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Planned:

Circuit under analysis

WAGONTOWN-000

Chester County

Completed:

Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed reliability corrective work orders
Remediated supply circuit

Planned:

Inspect select areas of circuit for vegetation issues and corrected as needed

WARMINSTER-142

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Installed single-phase reclosers
Upgraded switches
Upgraded wildlife protection
Completed reliability corrective work orders.

Planned:

Perform regularly scheduled tree clearance

WAYNE-132

Delaware County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders.
Performed regularly scheduled tree clearance

Planned:

Install three-phase recloser

WEST GROVE 001

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Planned:

Install single-phase reclosers
Upgrade aerial wire
Perform regularly scheduled tree clearance

WEST-OAK-LANE-012

Philadelphia

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders.

Planned:

Replace cable

WHITEMARSH-131

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera
Installed single phase recloser
Tested and adjusted or repaired recloser
Performed regularly scheduled tree clearance

Planned

Perform regularly scheduled tree clearance

WHITEMARSH-141

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera
Upgraded fusing
Installed new underground cable
Tested and adjusted or repaired recloser
Completed reliability corrective work orders
Performed regularly scheduled tree clearance

Planned:

Install single-phase reclosers

WOODBOURNE-343

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Upgraded lightning protection

Tested and adjusted or repaired recloser

Completed reliability corrective work orders

Performed regularly scheduled tree clearance

Planned:

Perform regularly scheduled tree clearance

New Business Connections

This work category includes all the facility work required to add a new customer or to increase the load to an existing customer. The facility work will include the facilities required to directly connect the customer to the system and the upgrade/replacement of any existing facility to serve the requested additional load.

Capacity Expansion

This work category includes only capacity work generated by the system design engineer to prevent system failure and to assure the delivery of voltage as specified in the tariff. The addition of new substations and substation enlargements for future load growth will also be included in this project.

System Performance

This work category includes projects designed to upgrade, modify or improve the performance of the distribution system. Also included in this category are indirect costs in support of all categories and one-time accounting adjustment items.

Facility Relocation

This work category includes all requests for relocation of PECO facilities including municipal as well as customer related relocation requests.

Maintenance

This work category includes work performed to repair and restore equipment to its normal state of operation, along with planned preventive maintenance work such as visual and thermographic inspections and tree trimming around transmission and distribution lines.

Storm Funds

Incremental costs (primarily; overtime, contractors, mutual assistance, and meals) incurred while responding to major storms (storms that meet customer outage and duration criteria).

FirstEnergy

ORIGINAL

76 South Main Street
Akron, Ohio 44308

**DOCUMENT
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May 1, 2007

MAY 01 2007

James J. McNulty, Secretary
Pennsylvania Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17120

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Re: Joint 1st Quarter 2007 Reliability Report - Pennsylvania Power Company, Pennsylvania Electric Company, and Metropolitan Edison Company pursuant to 52 PA Code §57.195(e)

Dear Secretary McNulty:

Enclosed for filing on behalf of the Pennsylvania Power Company, Pennsylvania Electric Company, and Metropolitan Edison Company (collectively, "Companies") are an original and six (6) copies of its Joint 1st Quarter 2007 Reliability Report – Public Version.

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 a proprietary version of the quarterly reliability report. The Proprietary Version of this report is being filed under a separate letter.

Sincerely,

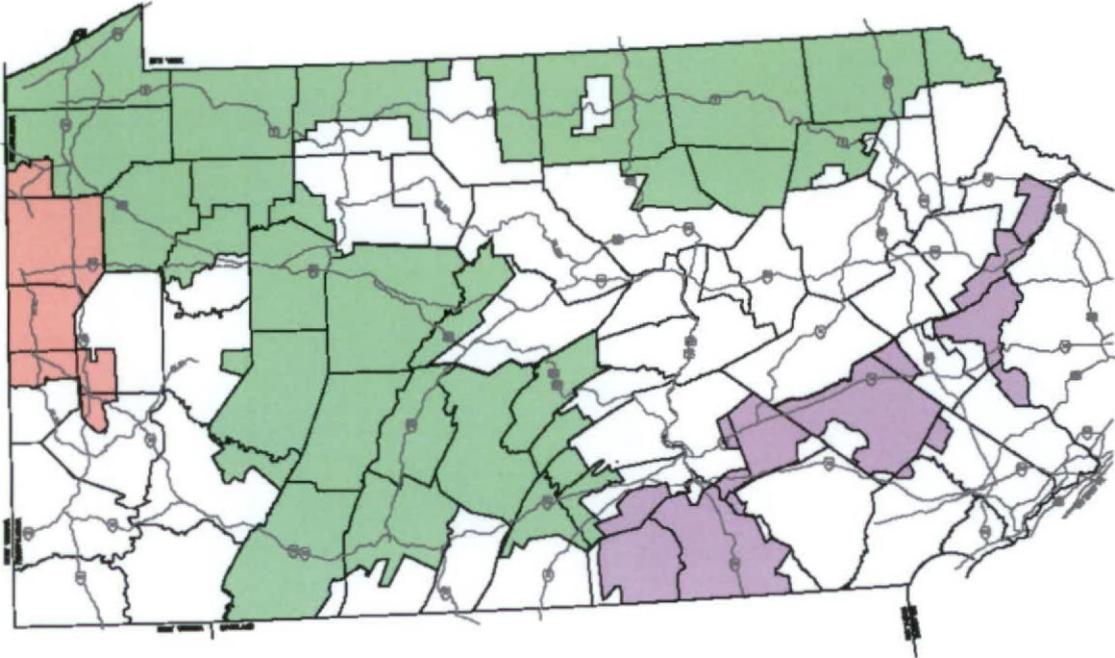
Eric Dickson / xl

Eric J. Dickson
Director, Operations Services

13

FirstEnergy

Joint 1st Quarter 2007 Reliability Report –
Pennsylvania Power Company,
Pennsylvania Electric Company, and
Metropolitan Edison Company
Pursuant to 52 PA Code §57.195(e)



 **PennPower**
A FirstEnergy Company

 **Penelec**
A FirstEnergy Company

 **Met-Ed**
A FirstEnergy Company

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MAY 01 2007

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

FirstEnergy.

76 South Main Street
Akron, Ohio 44308

May 1, 2007

James J. McNulty, Secretary
Pennsylvania Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17120

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Sincerely,
Eric Dickson / SL
Eric J. Dickson
Director, Operations Services

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MAY 01 2007

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

**Joint 1st Quarter 2007 Reliability Report –
Pennsylvania Power Company,
Pennsylvania Electric Company and
Metropolitan Edison Company**

The following Joint 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 March 31, 2007.

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

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

Major Events

The Companies did not experience a major event during the reporting period, ending March 31, 2007.

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

Reliability Improvement by All Companies

1Q 2007 (12-Mo Rolling)	Penn Power			Penelec			Met-Ed		
	Benchmark	12-Month Standard	12-Month Actual	Benchmark	12-Month Standard	12-Month Actual	Benchmark	12-Month Standard	12-Month Actual
SAIFI	1.12	1.34	1.07	1.26	1.52	1.38	1.15	1.38	1.73
CAIDI	101	121	111	117	141	104	117	140	121
SAIDI	113	162	119	148	213	144	135	194	209
Customers Served^(a)	159,539			590,817			536,433		
Number of Sustained Interruptions	3,225			11,677			9,519		
Customers Affected	171,302			818,026			927,320		
Customer Minutes	19,030,322			85,270,225			112,087,508		

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

Summary of Reliability Improvement:

Penn Power

- SAIFI** 12% improvement over 12-Month Rolling Actual for 4Q 2006.
 20% better than Commission's 12-Month Standard.

- CAIDI** 1% improvement over 12-Month Rolling Actual for 4Q 2006.
 8% better than Commission's 12-Month Standard.

- SAIDI** 13% improvement over 12-Month Rolling Actual for 4Q 2006.
 27% better than Commission's 12-Month Standard.

Penelec

SAIFI 6% improvement over 12-Month Rolling Actual for 2Q 2006.
9% better than Commission's 12-Month Standard.

CAIDI 4% improvement over 12-Month Rolling Actual for 2Q 2006.
26% better than Commission's 12-Month Standard.

SAIDI 9% improvement over 12-Month Rolling Actual for 2Q 2006.
32% better than Commission's 12-Month Standard.

Met-Ed

CAIDI 14% better than Commission's 12-Month Standard.

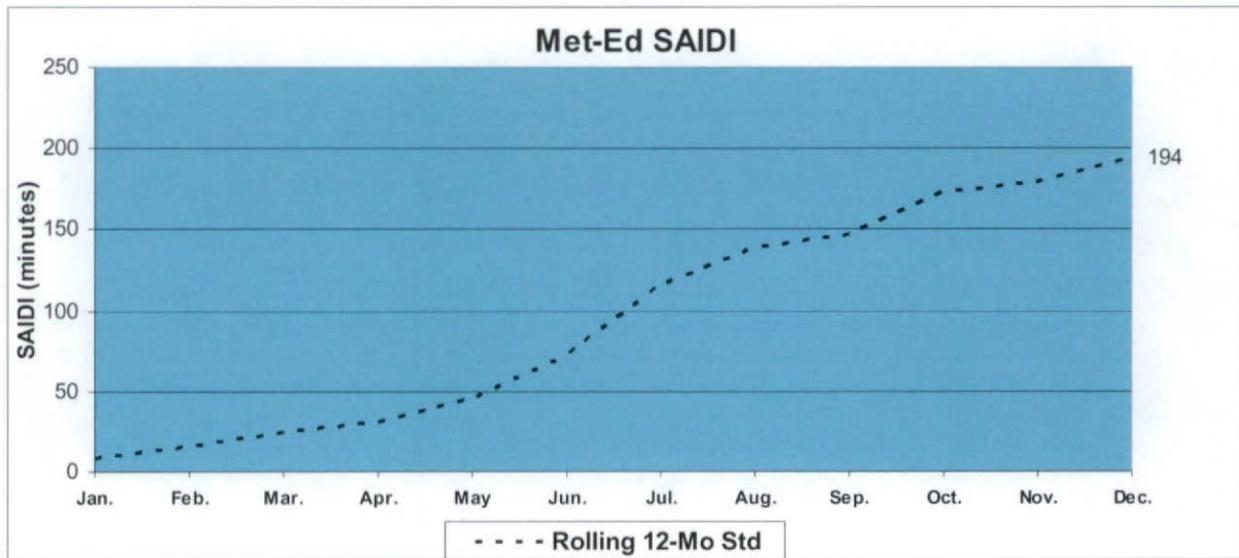
SAIDI Trend Charts

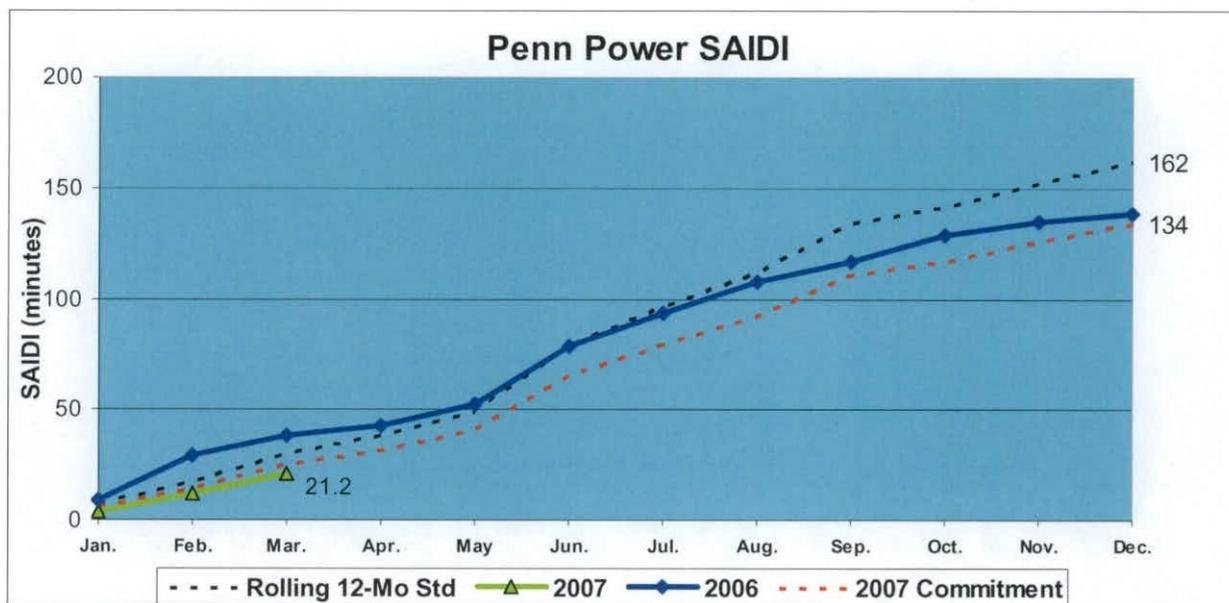
The Companies' year-to-date SAIDI and SAIFI values increase throughout the year and can be plotted on a periodic basis to determine how each company is performing in comparison to prior years, or in comparison to a desired trend line. This plot provides a much-enhanced visualization of the progress the Companies are making in comparison to reviewing tabular lists of index values and targets.

The Companies have trended year-to-date SAIDI for 2007, as shown below, such that each Company's performance can be readily compared to both SAIDI performance from the previous year, as well as the Commission's Rolling 12-Month Standard.

Normalized Trend

The normalized trend line is a slight modification to a straight-line trend, taking into consideration the three-year historical performance of each Company, with higher SAIDI accumulation (customer minutes of interruption) during the summer storm months, and lower SAIDI accumulation in the winter months. For example, Met-Ed's 3-year historical performance indicates the Company would expect to accumulate more SAIDI in June through August (approximately 31 minutes per month) than in November through December (approximately 11 minutes per month). As shown in the Met-Ed chart below, the Commission's 12-Month Rolling Standard of 194 is plotted using this normalized trending approach.



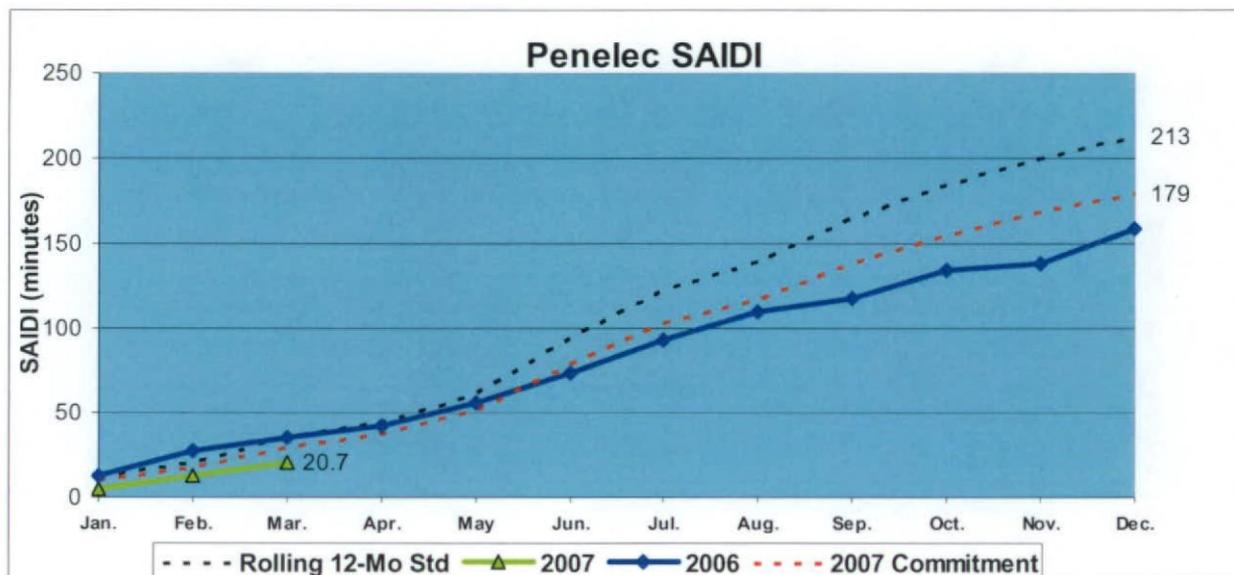


Penn Power's 2007 YTD SAIDI for 1st quarter ending:

Represents a 44% improvement over actual results for the same YTD period in 2006

Trending 29% below the Commission's 12-Month Standard

Trending 14% below the 2007 Commitment

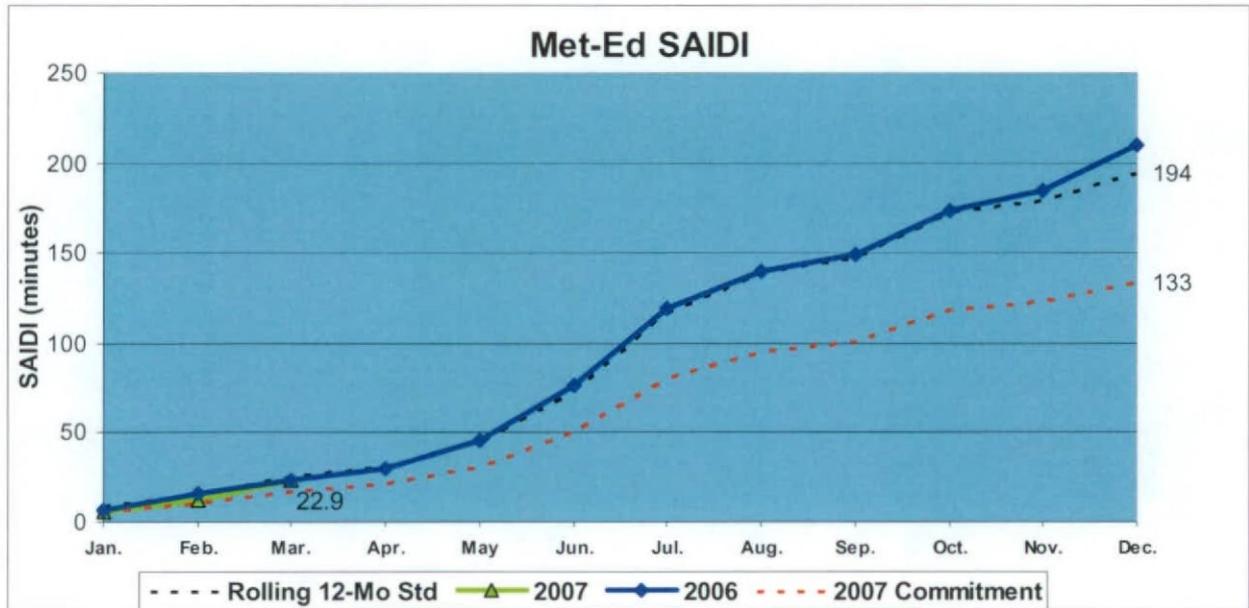


Penelec's 2007 YTD SAIDI for 1st quarter ending:

Represents a 41% improvement over actual results for the same YTD period in 2006

Trending 41% below the Commission's 12-Month Standard

Trending 30% below the 2007 Commitment



Met-Ed's 2007 YTD SAIDI for 1st quarter ending:

Represents a 1% improvement over actual results for the same YTD period in 2006

Trending 8% below the Commission's 12-Month Standard

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

Worst Performing Circuits - Reliability Indices

The Companies define their 5% worst performing circuits based on SAIDI. FirstEnergy uses 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 are ranked based on SAIDI contribution to the overall Company SAIDI (customer minutes).

Penn Power SAIDI Ranking for 1st Quarter 5% Worst Performing Circuits													
Rank	Substation	Circuit #	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	Mercer	W-167	Clark	1,334	39	0	601,846	1,806	3.77	451	1.35	333.3	5.2
2	Hartstown	W-126	Clark	2,186	99	0	591,003	4,178	3.70	270	1.91	141.5	4.6
3	Jamestown	W-162	Clark	1,066	57	0	538,338	3,341	3.37	505	3.13	161.1	3.4
4	Perry	W-156	Clark	1,050	55	0	441,428	2,204	2.77	420	2.10	200.3	1.9
5	West Middlesex	W-138	Clark	1,560	64	0	409,859	3,315	2.57	263	2.13	123.6	1.4
6	Campbell PP	W-141	Clark	1,479	45	1	377,430	3,222	2.37	255	2.18	117.1	3.9
7	Conneaut	W-173	Clark	1,947	28	1	361,401	3,551	2.27	186	1.82	101.8	0.3
8	Silver Street	W-269	Clark	929	7	1	331,198	1,116	2.08	357	1.20	296.8	3.9

- (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.

Penelec SAIDI Ranking for 1st Quarter 5% Worst Performing Circuits													
Rank	Substation	Circuit #	District	Avg Cust (1)	Outage s (2)	Lock-outs (3)	Cust Min (4)	Cust Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
1	Union City Sub	00206-43	Corry	3,978	110	0	1,299,999	10,902	2.20	327	2.74	119	9.78
2	Warren S	00220-41	Warren	3,064	62	0	1,090,257	8,422	1.85	356	2.75	129	1.31
3	Rolling Meadows	00310-31	Erie	3,131	30	2	1,073,991	7,179	1.82	343	2.29	150	10.01
4	Springboro	00237-52	Meadville	3,087	85	0	1,019,304	11,233	1.73	330	3.64	91	10.75
5	Northeast	00592-31	Erie	1,566	73	0	949,885	6,142	1.61	607	3.92	155	6.28
6	Samuel Rea Car Shop	00031-71	Altoona	2,316	45	2	895,301	6,721	1.52	387	2.9	133	9.95
7	Marienville	00328-51	Oil City	1,244	38	0	870,490	2,312	1.47	700	1.86	377	22.88
8	Reed St	00547-31	Erie	1,151	1	1	668,610	1,173	1.13	581	1.02	570	0
9	Hammett	00504-31	Erie	1,275	24	1	627,578	3,105	1.06	492	2.44	202	12.72
10	French Rd	00222-31	Erie	2,081	9	0	627,322	2,709	1.06	301	1.3	232	1.76
11	Dubois	00137-23	DuBois	2,788	71	0	583,456	4,998	0.99	209	1.79	117	10.76
12	French Rd	00551-31	Erie	2,459	38	1	555,941	4,883	0.94	226	1.99	114	0
13	French Rd	00223-31	Erie	2,029	14	2	541,034	4,883	0.92	267	2.41	111	1.79
14	Tionesta Sw St	00498-51	Oil City	1,105	33	0	520,185	2,792	0.88	471	2.53	186	15.59
15	Two Mile	00127-42	Bradford	1,362	31	0	489,154	1,592	0.83	359	1.17	307	13.2
16	Green Garden	00224-31	Erie	2,073	24	0	487,997	4,480	0.83	235	2.16	109	0
17	East Sayre	00518-61	Sayre	798	35	0	470,743	1,772	0.80	590	2.22	266	0.54
18	Edinboro	00420-34	Erie	1,872	40	1	465,135	5,735	0.79	248	3.06	81	0.67
19	Curryville	00644-71	Altoona	1,750	40	0	452,860	2,374	0.77	259	1.36	191	3.64
20	Bellwood N	00635-22	Philipsburg	1,122	37	1	451,799	4,640	0.76	403	4.14	97	4.03
21	Brookville W	00121-23	DuBois	781	32	1	446,989	3,118	0.76	572	3.99	143	2.63
22	Piney	00523-51	Oil City	1,200	37	0	446,091	2,828	0.76	372	2.36	158	10.43
23	Walnut St	00522-31	Erie	2,254	9	1	439,024	7,066	0.74	195	3.13	62	1.01
24	Madera	00167-22	Philipsburg	1,665	43	0	427,148	2,842	0.72	257	1.71	150	8.62
25	Mansfield	00559-63	Mansfield	534	28	2	415,716	2,310	0.70	778	4.33	180	16.93
26	Church	00426-34	Erie	685	21	2	405,302	1,857	0.69	592	2.71	218	0.04
27	Mansfield	00558-63	Mansfield	729	26	1	401,919	1,724	0.68	551	2.36	233	2.19
28	Erie E	00234-31	Erie	1,897	63	0	393,413	2,588	0.67	207	1.36	152	4.01
29	N Warren	00207-41	Warren	1,419	40	1	387,978	3,551	0.66	273	2.5	109	6.14
30	Marienville	00327-51	Oil City	786	41	0	386,147	775	0.65	491	0.99	498	27.06
31	Lake Como	00788-65	Montrose	574	31	0	381,443	2,198	0.65	665	3.83	174	39.69
32	Birmingham	00168-22	Philipsburg	960	55	0	378,197	2,740	0.64	394	2.85	138	5.82
33	French Rd	00550-31	Erie	981	19	2	376,833	2,793	0.64	384	2.85	135	3.89
34	Grandview	00353-51	Oil City	881	21	1	362,361	1,445	0.61	411	1.64	251	4.2
35	Morgan St	00479-52	Meadville	1,456	10	1	349,953	2,510	0.59	240	1.72	139	1
36	Dubois	00124-23	DuBois	2,109	29	1	348,077	6,882	0.59	165	3.26	51	8.42
37	L and R	00120-81	Lewistown	904	16	1	342,783	1,596	0.58	379	1.77	215	11.8
38	Grover	00527-63	Mansfield	1,151	61	0	341,419	3,178	0.58	297	2.76	107	5.37
39	Tiffany	00440-65	Montrose	1,225	28	1	327,287	2,190	0.55	267	1.79	149	9.69
40	Philipsburg	00162-22	Philipsburg	3,326	68	0	321,345	5,606	0.54	97	1.69	57	4.42
41	Glenwood	00557-31	Erie	1,604	5	1	320,522	1,633	0.54	200	1.02	196	0.93
42	Mill Street	00142-42	Bradford	469	11	5	319,304	4,360	0.54	681	9.3	73	2.49
43	Russell Hill	00282-65	Tunkhannock	1,066	41	0	313,527	1,530	0.53	294	1.44	205	57.6
44	Erie South	00259-31	Erie	2,367	37	0	310,558	1,446	0.53	131	0.61	215	25.83
45	Northeast	00591-31	Erie	638	20	2	310,518	1,342	0.53	487	2.1	231	0.06
46	Connell	00586-31	Erie	2,610	32	3	310,200	8,688	0.53	119	3.33	36	4.13
47	Somerset	00013-12	Somerset	2,009	52	0	301,131	2,590	0.51	150	1.29	116	17.91
48	Rolling Meadows	00249-31	Erie	2,218	13	0	300,061	1,477	0.51	135	0.67	203	0
49	Mercer Pike	00473-52	Meadville	563	21	0	297,974	681	0.50	529	1.21	438	9.12

Penelec SAIDI Ranking for 1st Quarter 5% Worst Performing Circuits													
Rank	Substation	Circuit #	District	Avg Cust (1)	Outages (2)	Lock-outs (3)	Cust Min (4)	Cust Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
50	Harborcreek	00597-31	Erie	350	6	0	295,314	719	0.50	844	2.05	411	0
51	Emlenton	00322-51	Oil City	464	15	0	295,100	1,067	0.50	636	2.3	277	14.44
52	Platea	00432-34	Erie	622	38	0	294,226	1,744	0.50	473	2.8	169	8.77
53	Hammitt	00502-31	Erie	1,591	45	0	290,738	2,225	0.49	183	1.4	131	6.65
54	Lake Como	00787-65	Montrose	876	29	0	285,064	1,233	0.48	325	1.41	231	24.7
55	Mount Union	00111-82	Huntingdon	941	16	2	283,548	2,298	0.48	301	2.44	123	0.75
56	Ralphton	00015-12	Somerset	1,166	42	3	281,886	4,687	0.48	242	4.02	60	9.02
57	Page Road	00445-43	Corry	657	26	0	281,004	1,166	0.48	428	1.77	241	6.87
58	Athens	00511-61	Sayre	693	26	1	280,643	1,028	0.48	405	1.48	273	1.3
59	Pennmar	00002-12	Somerset	928	16	3	278,632	2,841	0.47	300	3.06	98	8.13

- (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 Penelec's SAIDI.
- (7) Distribution circuit SAIDI, SAIFI, CAIDI and MAIFI 12-Month Rolling due to distribution outage causes.

Met-Ed – SAIDI Ranking for 1st Quarter 5% Worst Performing Circuits													
Rank	Substation	Circuit #	District	Avg Cust (1)	Outages (2)	Lock-outs (3)	Cust Min (4)	Cust Affected (5)	SAIDI Impact Rank (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
1	N Bangor	00826-3	Easton	3,101	87	3	3,761,623	18506	7.01	1213	5.97	203	8.14
2	Shawnee	00895-3	Stroudsburg	3,528	56	1	1,906,074	8475	3.55	540	2.4	225	7.36
3	Shawnee	00899-3	Stroudsburg	1,747	27	1	1,736,278	5930	3.24	994	3.39	293	11.41
4	Walker	00865-3	Stroudsburg	1,988	40	0	1,603,047	4201	2.99	806	2.11	382	3.46
5	Carsonia	00764-1	Reading	2,810	48	5	1,488,577	16859	2.77	530	6	88	4.48
6	Barto	00705-1	Boyertown	2,069	78	2	1,459,619	11349	2.72	705	5.49	129	4.3
7	Birdsboro	00756-1	Reading	1,397	69	2	1,350,161	8108	2.52	966	5.8	167	7.26
8	N Lebanon	00712-2	Lebanon	2,249	57	7	1,320,947	17216	2.46	587	7.65	77	12.31
9	Shawnee	00860-3	Stroudsburg	3,147	41	1	1,251,551	8232	2.33	398	2.62	152	5.15
10	Newberry	00576-4	York	2,178	91	3	1,218,158	9074	2.27	559	4.17	134	19.55
11	Northwood	00643-3	Easton	1,417	24	4	1,110,464	6546	2.07	784	4.62	170	6
12	Fox Hill	00816-3	Stroudsburg	3,537	51	2	1,065,871	10967	1.99	301	3.1	97	4.33
13	Shawnee	00822-3	Stroudsburg	2,216	43	2	947,618	6917	1.77	428	3.12	137	5.97
14	N Bangor	00813-3	Easton	1,198	27	1	878,349	5184	1.64	733	4.33	169	0
15	N Temple	00542-1	Reading	671	26	0	854,420	2814	1.59	1273	4.19	304	4.65
16	S Hamb	00743-1	Hamburg	1,166	42	0	836,356	3183	1.56	717	2.73	263	4.92
17	Bath	00873-3	Easton	2,089	34	1	803,287	4513	1.50	385	2.16	178	0
18	Delabole	00036-3	Easton	528	15	1	800,966	1092	1.49	1517	2.07	733	0
19	W Reading	00072-1	Reading	2,978	1	0	798,366	813	1.49	268	0.27	982	0
20	N Bangor	00838-3	Easton	1,613	24	1	792,931	2216	1.48	492	1.37	358	5
21	N Bangor	00814-3	Easton	1,602	15	2	782,552	4721	1.46	488	2.95	166	4.1
22	Mountain	00744-4	Dillsburg	1,801	63	0	767,950	3247	1.43	426	1.8	237	4.11
23	Crossroads	00728-4	York	1,103	75	0	762,565	4021	1.42	691	3.65	190	6.73
24	Yoe	00560-4	York	2,584	24	2	754,303	5501	1.41	292	2.13	137	0.99
25	Clearfield	00632-3	Easton	880	42	2	733,232	3997	1.37	833	4.54	183	0
26	Pleasantville	00142-1	Boyertown	842	37	1	726,689	1866	1.35	863	2.22	389	2.86
27	Lynnville	00748-1	Hamburg	1,132	44	1	724,780	4076	1.35	640	3.6	178	2.61
28	W Reading	00525-1	Reading	954	4	1	724,071	1272	1.35	759	1.33	569	3.04
29	Leesport	00811-1	Hamburg	1,479	48	0	707,129	3829	1.32	478	2.59	185	7.29
30	Shawnee	00837-3	Stroudsburg	1,230	29	3	698,384	4885	1.30	568	3.97	143	9.94
31	Birchwood	00622-3	Stroudsburg	1,725	32	2	673,759	4281	1.26	391	2.48	157	6.04
32	Moselem	00782-1	Reading	1,821	35	0	670,074	4136	1.25	368	2.27	162	6.63
33	Bern Church	00789-1	Reading	1,412	64	0	669,974	3214	1.25	474	2.28	208	1.99
34	Raintree	00642-4	York	1,519	42	3	650,076	5181	1.21	428	3.41	125	4.55
35	Cly	00722-4	York	1,623	36	3	643,701	6626	1.20	397	4.08	97	2.01
36	Hill Sub	00735-4	York	1,542	44	1	625,575	2911	1.17	406	1.89	215	3.38

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- (7) Distribution circuit SAIDI, SAIFI, CAIDI and MAIFI 12-Month Rolling due to distribution outage causes.

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

In addition to specific remedial efforts taken and planned for the worst performing 5% of circuits identified in paragraph (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, Recommendation XI-4.

Penn Power - Remedial Action for 1st Quarter 5% WPC							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
1	Mercer	W-167	<i>Performance driven by one long duration non-preventable tree outage during a severe storm.</i>				
			Complete full cycle tree clearing in 2007	To be completed 2Q 2007			
			Engineering field review of the section of circuit served by a recloser	Complete	Nov-06		
			Complete reliability improvement work downstream of the recloser	To be completed 2Q 2007			
2	Hartstown	W-126	<i>Performance driven by an outage downstream of a recloser station and one downstream of a fuse station. Both outages were caused by line failures.</i>				One section completed Aug 14, 2006 and another section is in progress.
			Engineering field review of the section of circuit served by a recloser	Complete	May-06		
			Complete reliability improvement work downstream of the recloser	To be completed 2Q 2007			
			Engineering field review of a section of circuit served by the fuse	Complete	Feb-07		
			Complete reliability improvement work downstream of fuse.	To be completed 2Q 2007			
			Engineering circuit coordination review	Complete	Jan-07		
			Complete reliability improvement work associated with coordination review	To be completed 2Q 2007			
			Complete full cycle tree clearing in 2006	Complete	Dec-06		

Penn Power - Remedial Action for 1st Quarter 5% WPC							
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
3	Jamestown	W-162	<i>Performance driven by two non-preventable tree caused outages downstream of a recloser station and a fuse station.</i>				
			Engineering field review of the section of circuit served by the recloser and complete any reliability improvement work identified.	To be completed 2Q 2007			
			Engineering field review of the section of circuit served by the fuse.	To be completed 2Q 2007			
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007			
4	Perry	W-156	<i>Performance driven by one very long non-preventable tree outage and one outage caused by line failure.</i>				
			Complete reliability improvement work on the main feed and at two fuse locations	Complete	Jun-06		
			Complete reliability improvement work at five fuse locations	Complete	Apr-06		
5	W Middlesex	W-138	<i>Performance driven by three long-duration outages: one due to a line failure, one due to a vehicle accident and another due to an object in contact with the primary conductor. Outages were downstream from three different fuse locations.</i>				
			Engineering field review of the section of circuit served by the three fuses	Complete	Feb-07		
			Complete reliability improvement work at the three fuse locations	To be completed 2Q 2007			
			Complete full-cycle tree clearing in 2007	Complete	Apr-06		
6	Campbell	W-141	<i>Performance driven by two non-preventable tree caused outages downstream of the substation and a recloser station.</i>				
			Engineering field review of the main gut and complete any reliability improvement work identified	To be completed 2Q 2007			
			Engineering field review of the section of circuit served by the recloser and complete any reliability work identified	To be completed 2Q 2007			
7	Conneaut	W-173	<i>Performance driven by one long duration outage due to a failed capacitor.</i>				
			Engineering field review of the main gut and complete any reliability work identified	To be completed 2Q 2007			
8	Silver Street	W-269	<i>Performance driven by one non-preventable tree caused outage downstream of the substation.</i>				
			Engineering field review of the main gut and complete any reliability work identified	To be completed 2Q 2007			
	Stoneboro	W-130	<i>Performance driven by two long duration outages, one due to a broken pole and another due to a brush fire catching a pole on fire, affecting one recloser station.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Engineering field review of the section of circuit served by the recloser	Complete	May-06		
			Complete reliability improvement work for the section of circuit served by the recloser.	One section completed Jul-06. Last section to be completed 2Q 2007.			

Penelec - Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
1	Union City	00206-43	<i>Performance was driven by outages caused by minor storms, pole fire and vehicle accident.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Review tree conditions and complete trimming identified	Complete	May-06		
			Repair damage to line caused by non-preventable tree and minor storm	Complete	Dec-06		
			Repair damaged equipment	Complete	Feb-07		
2	Warren S	00220-41	<i>Performance was driven by storms, non-preventable tree caused outages, vandalism and car pole accident.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install mainline tap fuses	Complete	Apr-06		
			Review tree conditions and complete trimming identified	Complete	Apr-06		
			Install reclosers	Complete	Oct-06		
			Repair damage to line caused by non-preventable tree and minor storm	Complete	Dec-06		
			Repair damaged equipment	Complete	Jan-07		
3	Rolling Meadows	00310-31	<i>Performance was driven by two failed underground cable events, minor storm, and foreign object in line.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Replace failed underground cable	To be completed 2Q 2007			
			Repair damage to line caused by minor storm	Completed	Dec-06		
			Loss of supply caused by foreign object	Completed	Feb-07		
			Complete full-cycle tree clearing in 2007	To be completed 2Q 2007			
4	Springboro	00237-52	<i>Performance was driven by outages caused by minor storms.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Review tree conditions and complete trimming identified	Complete	Jun-06		
			Install radio controlled switches	Complete	Jun-06		
			Coordinated line regulating equipment	Complete	Aug-06		
			Repair damage to line caused by non-preventable tree and minor storm	Complete	Dec-06		
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007			
5	Northeast	00592-31	<i>Performance was driven by minor storm and non-preventable tree caused damage.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Review tree conditions and complete trimming identified	Complete	Apr-06		
			Install reclosers	Complete	Dec-06		
			Install mainline tap fuses	Complete	Dec-06		
			Repair damage to line caused by non-preventable tree and minor storm	Complete	Dec-06		
			Complete full-cycle tree clearing in 2007	Complete	Feb-07		

Penelec - Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
6	Samuel Rea Car Shop	00031-71	<i>Performance was driven by failed equipment, circuit overload and minor storm damage.</i>				2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Replaced pole	Complete	May-06		
			Balanced load on circuit in field	Complete	Aug-06		
			Repair damage to line caused by minor storm and non-preventable tree	Complete	Dec-06		
7	Marienville	00328-51	<i>Performance was driven by minor storm damage and by non-preventable tree caused damage.</i>				
			Complete full-cycle tree trimming in 2006	Complete	Sep-06		
			Review tree conditions and complete trimming identified	Complete	Oct-06		
			Repair damage to line caused by non-preventable tree and minor storm	Complete	Dec-06		
8	Reed St	00547-31	<i>Performance driven by equipment failures.</i>				
			Replaced dead-end insulators	Complete	Sep-06		
			Replaced failed substation switch	Complete	Dec-06		
9	Hammett	00504-31	<i>Performance was driven by minor storm damage; broken crossarms and non-preventable tree caused damage.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Review tree conditions and complete trimming identified	Complete	Jun-06		
			Repair damage to line caused by minor storm and non-preventable tree	Complete	Oct-06		
			Install Reclosers	Complete	Dec-06		
10	French Rd	00222-31	<i>Performance driven by equipment failure.</i>				
			Replaced failed insulator	Complete	Dec-06		
11	DuBois	00137-23	<i>Performance was driven by minor storm damage, non-preventable tree caused damage, cutout and arrester failure and lightning.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Engineering circuit coordination review	Complete	Apr-06		
			Install mainline tap fuses	Complete	Dec-06		
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06		
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007			
12	French Rd	00551-31	<i>Performance driven by car pole accident.</i>				
			Repair damage to pole.	Complete	Mar-07		
13	French Rd	00223-31	<i>Performance driven by failed equipment.</i>				
			Coordination improvements	Complete	Jan-07		
			Repair UG switch	Complete	Mar-07		

Penelec - Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
14	Tionesta SW St	00498-51	<i>Performance was driven by minor storm damage, failed conductor and cutouts and non-preventable tree caused damage.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install mainline tap fuses	Complete	Nov-06		
			Install reclosers	Complete	Nov-06		
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06		
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007			
15	Two Mile	00127-42	<i>Performance was driven by minor storm and non-preventable tree damage</i>				
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06		
			Install reclosers	Complete	Dec-06		
16	Green Garden	00224-31	<i>Performance was driven by summer heat load.</i>				
			Installed upgraded fusing	Complete	Aug-06		
			Complete full-cycle tree clearing in 2007	To be completed 2Q 2007			
17	E Sayre	00518-61	<i>Performance was driven by non-preventable tree damage, minor storm and equipment failure.</i>				
			Review tree conditions and complete trimming identified	Complete	May-06		
			Complete full-cycle tree clearing in 2006	Complete	Sep-06		
18	Edinboro	00420-34	<i>Performance was driven by animal contact and non-preventable tree caused damage.</i>				2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair damage to line caused by non-preventable tree	Complete	Jun-06		
			Review tree conditions and complete trimming identified	Complete	Jun-06		
			Install animal guards	Complete	Nov-06		
			Install mainline tap fuses	Complete	Nov-06		
			Complete full-cycle tree clearing in 2007	To be completed 2Q 2007			
19	Curryville	00644-71	<i>Performance was driven by minor storm damage and a car pole accident.</i>				
			Resag conductor	Complete	Jan-07		
			Repair pole damage	Complete	Jan-07		
20	Bellwood N	00635-22	<i>Performance was driven by failed equipment, animal contacts and minor storm.</i>				2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Replaced insulators and arrestors and installed contacts	Complete	Jun-06		
			Install animal guards	Complete	Nov-06		
			Install mainline tap fuses	Complete	Dec-06		
21	Brookville W	00121-23	<i>Performance was driven by minor storm damage and by vehicle caused damage.</i>				
			Repair damage to line caused by vehicle	Complete	Aug-06		
			Repair damage to line caused by storm	Complete	Dec-06		

Penelec - Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
22	Piney	00523-51	<i>Performance was driven by summer heat load and car pole accident.</i>				
			Install upgraded fusing	Complete	Aug-06		
			Repair pole damage	Complete	Nov-06		
			Complete full-cycle tree clearing in 2007	Complete	Apr-07		
23	Walnut St	00522-31	<i>Performance driven by equipment failure.</i>				
			Repair failed conductor	Complete	Jun-06		
			Repair failed arrester	Complete	Mar-07		
24	Madera	00167-22	<i>Performance was driven by failed equipment and non-preventable tree caused damage.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Engineering circuit coordination review	Complete	Oct-06		
			Install mainline tap fuses	Complete	Dec-06		
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007			
25	Mansfield	00559-63	<i>Performance driven by failed equipment, loss of supply and non-preventable tree damage.</i>				
			Replace insulators	Complete	May-06		
			Review for protection issues	Complete	Oct-06		
			Install protection devices	To be complete 2Q 2007			
26	Church	00426-34	<i>Performance was driven by minor storm damage, failed cutouts and crossarms and non-preventable tree caused damage.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Complete full-cycle tree clearing in 2006	Complete	May-06		
			Engineering circuit coordination review	Complete	Oct-06		
			Install reclosers	Complete	Nov-06		
			Install mainline tap fuses	Complete	Nov-06		
			Repair damage to line caused by minor storm, non-preventable tree and replaced failed cutouts and crossarms	Complete	Nov-06		
			Repair damage to line caused by non-preventable tree and minor storm	Complete	Dec-06		
27	Mansfield	00558-63	<i>Performance was driven by various equipment failures and minor storm damage.</i>				
			Review circuit for protection	Complete	Oct-06		
			Install switches and fusing	Complete	Nov-06		
28	Erie E	00234-31	<i>Performance was driven by minor storm and equipment failure.</i>				1Q 2006 2Q 2006 4Q 2006 1Q 2007
			Review tree conditions and complete trimming identified	Complete	Jun-06		
			Repair damage to line caused by minor storm and replaced failed equipment	Complete	Oct-06		
			Install reclosers	Complete	Oct-06		
			Install mainline tap fuses	Complete	Mar-07		

Penelec - Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
29	N Warren	00207-41	<i>Performance was driven by minor storm damage, failed cutouts and non-preventable tree caused damage.</i>				
			Repair damage to line caused by storm	Complete	Jul-06		
			Repair damage to line caused by non-preventable trees	Complete	Oct-06		
			Engineering circuit coordination review	Complete	Dec-06		
			Install mainline tap fuses	Complete	Dec-06		
			Install reclosers	Complete	Dec-06		
			Review tree conditions and complete trimming identified	Complete	Dec-06		
30	Marienville	00327-51	<i>Performance was driven by minor storm and non-preventable tree caused damage.</i>				
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06		
31	Lake Como	00788-65	<i>Performance was driven by failed equipment, flooding and storm damage and non-preventable tree caused damage.</i>				
			Repair damage to line caused by flooding and storms	Complete	Jun-06		
			Repair damage to line caused failed equipment	Complete	Jun-06		
32	Birmingham	00168-22	<i>Performance was driven by failed equipment.</i>				
			Repair damaged conductor	Complete	Feb-07		
33	French Rd	00550-31	<i>Performance driven by equipment failure.</i>				
			Repair sectionalizing device	Complete	Oct-06		
34	Grandview	00353-51	<i>Performance was driven by failed equipment and non-preventable trees.</i>				
			Repair damage to line caused by non-preventable trees	Complete	Aug-06		
			Repair pole damage	Complete	Mar-07		
35	Morgan St	00479-52	<i>Performance was driven by failed equipment and car pole accident.</i>				2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Replaced cutouts	Complete	Apr-06		
			Replace pole	Complete	Jul-06		
			Complete full-cycle tree clearing in 2006	Complete	Sep-06		
36	DuBois	00124-23	<i>Performance driven by lightning and equipment failure.</i>				
			Lightning damaged recloser was repaired and will be relocated	To be completed 2Q 2007			
37	L and R	00120-81	<i>Performance driven by minor storm, by non-preventable trees, and animal contact.</i>				
			Repair failed conductor	Complete	Aug-06		
			Review tree conditions and complete trimming identified	Complete	May-06		

Penelec - Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
38	Grover	00527-63	<i>Performance was driven by non-preventable trees, animal contact and equipment failures.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair damage to line caused by minor storm and non-preventable trees and replaced equipment	Complete	Jun-06		
			Review tree conditions and complete trimming identified	Complete	Jul-06		
			Install reclosers and fault indicators. (Modified from proposed switch addition after engineering study)	Complete	Dec-06		
			Relocate recloser and install sectionalizer.	Complete	Apr-06		
			Complete full-cycle tree clearing in 2007	To be completed 2Q 2007			
39	Tiffany	00440-65	<i>Performance was driven by non-preventable trees and equipment failure.</i>				2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Review tree conditions and complete trimming identified	Complete	Aug-06		
			Repair damaged insulator	Complete	Feb-07		
40	Philipsburg	00162-22	<i>Performance was driven by minor storm damage.</i>				4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Engineering circuit coordination review	Complete	Apr-06		
			Install reclosers	Complete	Apr-06		
			Install mainline tap fuses	Complete	Jan-07		
41	Glenwood	00557-31	<i>Performance was driven by car pole accident.</i>				
			Repair pole	Complete	Mar-07		
42	Mill Street	00142-42	<i>Performance was driven by structure fire and loss of supply.</i>				
			Repair damaged conductor and equipment	Complete	Apr-06		
43	Russell Hill	00282-65	<i>Performance was driven by animal contact, non-preventable trees and car pole accident.</i>				1Q 2006 2Q 2006 4Q 2006 1Q 2007
			Review tree conditions and complete trimming identified	Complete	Apr-06		
			Install animal guards	Complete	Jul-06		
			Repair damage to line caused by non-preventable trees	Complete	Nov-06		
			Repair damaged equipment caused by car-pole accident	Complete	Mar-07		
44	Erie S	00259-31	<i>Performance was driven by equipment failure.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install reclosers	Complete	Jun-06		
			Reconductor / Convert 4 kV to 34.5kV. Load transfer was done in lieu of reconductoring	Complete	Aug-06		
			Infrared inspection and replaced arrestors and cutout.	Completed	Oct-06		
			Install reclosers	Complete	Nov-06		
			Replace crossarms	Complete	Jan-07		
45	Northeast	00591-31	<i>Performance was driven by minor storm.</i>				
			Repair conductor	Complete	Jul-06		

Penelec - Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
46	Connell	00586-31	<i>Performance driven by pole fire.</i>			Oct-06	
			Replace pole and all hardware	Complete			
47	Somerset	00013-12	<i>Performance driven by minor storm.</i>			May-06	2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair damage to line caused by minor storm	Complete			
48	Rolling Meadows	00249-31	<i>Performance was driven by equipment failure and summer heat load.</i>			Aug-06	1Q 2006 3Q 2006 4Q 2006 1Q 2007
			Replace failed cutouts	Complete			
			Reconfigure circuit and shift load to Green Garden	To be completed 2Q 2007			
			Complete full-cycle tree clearing in 2007	To be completed 2Q 2007			
49	Mercer Pike	00473-52	<i>Performance was driven by minor storm.</i>			Dec-06	
			Repair non-preventable tree caused damage	Complete			
50	Haborcreek	00597-31	<i>Performance was driven by car pole accident.</i>			Feb-07	
			Replace pole	Complete			
51	Emlenton	00322-51	<i>Performance was driven by minor storm and non-preventable tree caused damage.</i>			May-06 Jun-06 Dec-06	4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Engineering circuit coordination review	Complete			
			Install mainline tap fuses	Complete			
			Repair damage to line caused by minor storm and non-preventable trees	Complete			
52	Platea	00432-34	<i>Performance was driven by minor storm.</i>			Dec-06	
			Repair non-preventable tree caused damage	Complete			
53	Hammett	00502-31	<i>Performance was driven by non-preventable trees.</i>			Jun-06 Oct-06 Dec-06 Dec-06	1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Review tree conditions and complete trimming identified	Complete			
			Repair damage to line caused by non-preventable trees	Complete			
			Install mainline tap fuses	Complete			
			Install reclosers	Complete			
54	Lake Como	00787-65	<i>Performance was driven by non-preventable trees and equipment failure.</i>			Sep-06 Mar-07	4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair non-preventable tree caused damage	Complete			
55	Mount Union	00111-82	<i>Performance was driven by trees non-preventable and animal contacts.</i>			May-06 Oct-06	
			Install animal guards	Complete			
			Repair non-preventable tree caused damage	Complete			

Penelec - Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
56	Ralphton	00015-12	<i>Performance was driven by minor storm and non-preventable tree caused damage.</i>				2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair damage to line caused by minor storm and non-preventable trees			May-06	
			Repair damage caused by animal	Complete		Oct-06	
			Complete full-cycle tree clearing in 2006	Complete		Dec-06	
57	Page Rd	00445-43	<i>Performance was driven by minor storm damage and by non-preventable tree caused damage.</i>				4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install mainline tap fuses	Complete		Jun-06	
			Install reclosers	Complete		Jun-06	
			Complete full-cycle tree clearing in 2006	Complete		Nov-06	
			Repair damage to line caused by minor storm and non-preventable trees	Complete		Dec-06	
58	Athens	00511-61	<i>Performance was driven by trees non-preventable, equipment failure, and animal contacts.</i>				
			Repair non-preventable tree caused damage	Complete		Jul-06	
			Install animal guards	Complete		Jun-06	
			Repair broken pole	Complete		May-06	
			Reclosers and Full Circuit coordination	Complete		Nov-06	
59	Penmar	00002-12	<i>Performance was driven by minor storm and non-preventable tree damage.</i>				
			Repair non-preventable tree caused damage	To be completed 2Q 2007			
			Completed minor storm damage	Complete		Jun-06	
	Madera	00166-22	<i>Performance was driven by outages caused by conductor failure and non-preventable trees.</i>				4Q 2005 1Q 2006 2Q 2006 3Q 2006
			Repair damage to line caused by non-preventable tree and repaired conductor.	Complete		Mar-06	
			Engineering Circuit Coordination Review	Complete		Nov-05	
			Review tree conditions	Complete		Mar-06	
			Install main line tap fuses	Complete		Mar-06	
			Install Reclosers	Complete		Mar-06	
			Install Radio Controlled Switches	Complete		Apr-06	

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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	
	Philipsburg	00149-22	<i>Performance was driven by outages caused by non-preventable trees and conductor failure.</i>			Jun-06 Mar-06 Oct-06 Oct-06 Apr-06 Apr-06	4Q 2005 1Q 2006 2Q 2006 3Q 2006
			Repair damage to line caused by non-preventable tree and repaired failed conductor	Complete			
			Review tree conditions and completed trimming identified	Complete			
			Engineering Circuit Coordination Review	Complete			
			Install Reclosers	Complete			
			Install Switch	Complete			
			Install Radio Control	Complete			
	Philipsburg	00164-22	<i>Performance was driven by outages caused by non-preventable trees and insulator failure.</i>			Mar-06 Mar-06 Mar-06 Apr-06 Sep-06	4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Repair damage to line caused by non-preventable trees and replacement of crossarm	Complete			
			Review tree conditions and complete trimming identified	Complete			
			Install reclosers	Complete			
			Replace poles	Complete			
			Complete full-cycle tree clearing in 2006	Under contract			
	Powell Ave	00513-31	<i>Performance was driven by blown fuses and non-preventable tree caused damage.</i>			Jul-06 Dec-05 Jan-06 Mar-06	1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Repair line and transformer failure.	Complete			
			Engineering Circuit Coordination Review	Complete			
			Review tree conditions and completed trimming identified.	Complete			
			Install Reclosers	Complete			
	Rachel Hill	00049-11	<i>Performance was driven by non-preventable tree caused damage, and a car-pole accident.</i>			Jan-06 Mar-06 Jun-06 Dec-06	1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Install reclosers	Complete			
			Engineering circuit coordination review	Complete			
			Complete full-cycle tree clearing in 2006	Complete			
	Crown	00319-51	<i>Performance was driven by failed conductor and non-preventable tree caused damage.</i>			Jan-06 Jun-06 Nov-06 Dec-06 Dec-06	1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Engineering circuit coordination review	Complete			
			Repair damage to line caused by non-preventable tree and repair conductor	Complete			
			Complete full-cycle tree clearing in 2006	Complete			
			Install reclosers	Complete			
			Install mainline tap fuses	Complete			

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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
	Knox	00323-51	<i>Performance was driven by failed cutouts and non-preventable tree caused outages.</i>			4Q 2005 1Q 2006 2Q 2006 3Q 2006
			Engineering Circuit Coordination Review	Complete	Dec-05	
			Install main line tap fuses	Complete	Dec-05	
			Install reclosers	Complete	Dec-05	
			Replace deteriorated poles & insulators	Complete	Dec-05	
			Review tree conditions and completed trimming identified.	Complete	Mar-06	
	Columbia Crossroads	00763-63	<i>Performance was driven by blown fuses, vehicle caused damage and failed insulators.</i>			4Q 2005 1Q 2006 2Q 2006 3Q 2006
			Complete vehicle caused damage, replaced fuses and insulators.	Complete	Oct-05	
			Circuit Patrol	Complete	Nov-05	
			Install reclosers	Complete	Dec-05	
			Engineering Circuit Coordination Review	Complete	Mar-06	
			Install transformer for back feed capability	Completed	Dec-06	

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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	
1	N Bangor	00826-3	<i>Performance was driven by non-preventable trees, equipment and line failure related outages.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install 3 phase recloser	Complete	Sep-07		
			Complete full-cycle tree clearing in 2006	Complete	Dec-06		
			Install additional fusing	To be completed 2Q 2007			
2	Shawnee	00895-3	<i>Performance was driven by equipment failure, car pole accidents, and non-preventable tree-related outages.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install fusing	Complete	Apr-07		
			Install 2 reclosers	To be completed 2Q 2007			
			Install additional fusing	To be completed 2Q 2007			
3	Shawnee	00899-3	<i>Performance was driven by non-preventable trees, equipment and line failure related outages.</i>				4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Increase step bank capacity	Complete	Dec-06		
			Install additional fusing	To be completed 2Q 2007			
			Install sectionalizer	To be completed 3Q 2007			
4	Walker	00865-3	<i>Performance was driven by non-preventable trees, overloads and equipment related outages.</i>				
			Replaced overloaded fuse	Complete	Jan-07		
			Install 3 phase recloser	To be completed 2Q 2007			
			Install additional fusing	To be completed 2Q 2007			
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007			
5	Carsonia	00764-1	<i>Performance was driven by six outages: forced outage due to vehicle accident, non-preventable tree, equipment problem (solid disconnects) and 2 circuit breaker problems, contractor dig-in.</i>				2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install Main Line Recloser	Complete	Oct-06		
			Install additional Fusings	Complete	Oct-06		
			Comprehensive tree trimming	Complete	Dec-06		
			Replace substation circuit breaker	Complete	Dec-06		
			Upgrade Solid Disconnects	To be completed 3Q 2007			
Upgrade Mainline Recloser	To be completed 3Q 2007						
6	Barto	00705-1	<i>Performance was driven by non-preventable tree-caused outages, one vehicle accident and one anchor guy problem in extremely wet conditions.</i>				2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Spot Tree Trimming	Complete	Aug-06		
			Install fuses/Bypass switch	Complete	Sep-06		
			Install animal guard	Complete	Sep-06		
			Install & Upgrade Fusing	Complete	Oct-06		
			Install additional fuse/bypass switch	Complete	Oct-06		
			Comprehensive Forestry Patrol	Complete	Dec-06		
			Install additional fusing	Complete	Mar-07		
Spot Tree Trimming and Removals	To be completed 2Q 2007						

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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	
7	Birdsboro	00756-1	<i>Performance was driven by five outages: non-preventable trees (3) and wires down at multiple locations during storm.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Conduct Main Line Patrol	Complete	Jul-06		
			Crossarm & Pole replacements identified on patrol	Complete	Jul-06		
			Install Fusing/Bypass Switch	Complete	Sep-06		
			Install additional Tap Fusing	Complete	Oct-06		
			Spot Tree Trimming/Removals	Complete	Oct-06		
			Install additional Tap Fusing	Complete	Nov-06		
			Spot Mainline Forestry Inspection	Complete	Jan-07		
			Upgrade mainline recloser	Complete	Feb-07		
			Spot Mainline Forestry Inspection	Complete	Apr-07		
			Negotiate mainline right of way expansion with State & Local Authorities	To be completed 4Q 2007			
			Spot Tree Trimming/Removals	To be completed 2Q 2007			
8	N Lebanon	00712-2	<i>Performance was driven by six outages: vehicle accident, non-preventable tree, and 3 equipment problems (arrester, insulator, & cutout) & animal</i>				
			Upgrade Main Line Switch	Complete	May-06		
			Recloser control upgrade	Complete	Jun-06		
			Install additional tap fusing	To be completed 2Q 2007			
			Install animal protection	To be completed 2Q 2007			
			Crossarm & Crossarm Brace Replacements	To be completed 3rd Qtr 2007			
			Main Line Switch Replacement	To be completed 3Q 2007			
Reconfigure circuit to minimize exposure	To be completed 4Q 2007						
9	Shawnee	00860-3	<i>Performance was driven by tree and equipment failure related outages.</i>				4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install additional fusing	Complete	Mar-07		
			Install 3 phase recloser	To be completed 2Q 2007			
			Install sectionalizer	To be completed 2Q 2007			
10	Newberry	00576-4	<i>Performance was driven by non-preventable trees.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Perform Circuit Patrol	Complete	Jul-06		
			Comprehensive Tree clearing	Complete	Aug-06		
			Repair Tie Switch	Complete	Aug-06		
			Replace Poles	Complete	Oct-06		
			Transfer portion of 576 line to 721 line	Complete	Oct-06		
			Install two additional reclosers	Complete	Apr-07		
			Remove danger trees	Complete	Feb-07		
			Repair equipment identified in circuit patrol	Complete	Apr-07		

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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	
11	Northwood	00643-3	<i>Performance was driven by lighting and line failure related outages.</i>				2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Complete full-cycle tree clearing in 2006	Complete	Dec-06		
			Replace deteriorating spacer cable	To be completed 4Q 2007			
			Install additional fusing	To be completed 2Q 2007			
12	Fox Hill	00816-3	<i>Performance was driven by overload, non-preventable tree and equipment related outages.</i>				4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Complete full-cycle tree clearing in 2006	Complete	Jan-07		
			Install two 3 phase reclosers in 2006	Complete	Oct-06		
			Install 1 phase recloser	To be completed 2Q 2007			
			Install sectionalizer	To be completed 2Q 2007			
			Convert 2 areas from 4.8 to 34.5 kV	To be completed 2Q 2007			
			Install additional fusing	To be completed 2Q 2007			
13	Shawnee	00822-3	<i>Performance driven by non-preventable tree, equipment failure and lightning-related outages.</i>				
			Repair failed recloser	Complete	Nov-06		
			Install additional fusing	To be completed 2Q 2007			
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007			
14	N Bangor	00813-3	<i>Performance was driven by non-preventable trees, equipment failure, lighting, and vehicle related outages.</i>				
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007			
			Replaced failed recloser	Complete	Mar-07		
			Install 3 phase recloser	To be completed 2Q 2007			
			Install additional fusing.	To be completed 2Q 2007			
15	North Temple	00542-1	<i>Performance was driven by three outages: non-preventable trees (3) during storms.</i>				
			Spot Forestry Patrols	Complete	Jul-06		
			Spot Tree Trimming/Vine Removal	Complete	Aug-06		
			Install additional tap fusing	Complete	Jan-07		
16	South Hamburg	00743-1	<i>Performance was driven by four outages: vehicle accident, non-preventable tree, equipment problem (crossarm), and broken pole caused by farmer contact.</i>				
			Install Main Line Disconnects & Overhead Fault Indicators	To be completed 3Q 2007			
			Replace Poles	To be completed 3Q 2007			
			Install additional tap fusing	To be completed 3Q 2007			
17	Bath	00873-3	<i>Performance was driven by vehicle accidents, line failure and lightning related outage.</i>				4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install 3-phase recloser	To be completed 2Q 2007			
			Install additional fusing	To be completed 2Q 2007			
			Replace deteriorating crossarms	Complete	Jun-06		
			Complete full-cycle tree clearing in 2006	Complete	Dec-06		

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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	
18	Delabole	00036-3	<i>Performance was driven by line failure, fire, and non-preventable tree related outages.</i>				
			Install single-phase recloser	To be completed 2Q 2007			
			Fuse re-coordination	To be completed 2Q 2007			
			Install additional fusing.	To be completed 2Q 2007			
19	W Reading	00072-1	<i>Performance was driven by secondary network cable failure.</i>				
			Secondary Cable Repairs	Complete	Oct-06		
20	N Bangor	00838-3	<i>Performance was driven by non-preventable trees, equipment failure, and lighting related outages.</i>				
			Install additional fusing	To be completed 2Q 2007			
			Complete full-cycle tree clearing in 2007	To be completed 2Q 2007			
21	N Bangor	00814-3	<i>Performance was driven by non-preventable tree and equipment failure related outages.</i>				
			Installed 5 cutouts and fuses	Complete	Oct-06		
			Installed lightning arrestor	Complete	Oct-06		
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007			
22	Mountain	00744-4	<i>Performance driven by non-preventable tree caused outages</i>				
			Comprehensive tree clearing	Complete	Dec-06		
			Forrester to patrol circuit for danger trees and remove danger trees	To be completed 2Q 2007			
			Install additional fuses	To be completed 2Q 2007			
			Install recloser	To be completed 2Q 2007			
23	Crossroads	00728-4	<i>Performance driven by a single outage caused by a broken pole</i>				
			Repair equipment identified in circuit patrol	To be completed 3Q 2007			
			Install additional fuses	To be completed 2Q 2007			
24	Yoe	00560-4	<i>Performance driven by outages caused by vehicle contact</i>				
			Transfer line segments to new substation with additional line recloser	To be completed 3Q 2007			
			Install additional fuses	To be completed 2Q 2007			
25	Clearfield	00632-3	<i>Performance was driven by equipment failure and animal related outages.</i>				
			Installed fusing at various locations	Complete	Jun-06		
			Installed animal guards	Complete	Jul-06		
			Replaced fuses	Complete	Oct-06		
			Replaced failed transformers	Complete	Nov-06		
26	Pleasantville	00142-1	<i>Performance was driven by three outages: wire down and 2 non-preventable trees.</i>				
			Conductor repairs	Complete	Dec-06		
			Install additional tap fusing	Complete	Mar-07		
			Comprehensive tree trimming	Complete	Apr-07		
			Mainline Reconductoring	To be completed 4Q 2007			

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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	
27	Lynnville	00748-1	<i>Performance driven by four outages; vehicle contact, wire down, weather related events</i>				
			Install mainline fusing	Complete	Oct-06		
			Install Additional Fusing	To be completed 3Q 2007			
28	W Reading	00525-1	<i>Performance was driven by equipment damage due to lightning.</i>				
			Install Animal Guard	Complete	Mar-07		
			Conductor & Transformer Repairs	Complete	Jul-06		
			Install fuse/bypass switch	To be completed 3Q 2007			
29	Leesport	00811-1	<i>Performance was driven by five outages: lightning, non-preventable trees (2), vehicle accident, and equipment problem (mainline recloser).</i>				
			Install tap fusing	Complete	May-06		
			Comprehensive tree trimming	To be completed 2Q 2007			
			Install Fusing/Bypass Switch	To be completed 3Q 2007			
			Install additional tap fusing	To be completed 3Q 2007			
			Replace Pole	To be completed 3Q 2007			
			Install additional tap fuses	To be completed 4Q 2007			
30	Shawnee	00837-3	<i>Performance was driven by non-preventable tree and equipment failure related outages.</i>				4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install additional fusing	To be completed 2Q 2007			
			Install sectionalizer	To be completed 3Q 2007			
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007			
31	Birchwood	00622-3	<i>Performance was driven by non-preventable trees, vehicle, overloads and equipment failure related outages.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install fusing	Complete	Feb-07		
			Install larger single phase recloser	Complete	Mar-07		
			Install additional fusing	To be completed 2Q 2007			
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007			
32	Moselem	00782-1	<i>Performance was driven by broken insulator due to lightning and broken cutout.</i>				
			Replace Lightning Arresters and Cutout	Complete	Mar-07		
			Install Animal Protection	Complete	Oct-06		
			Install Tap Fusing	Complete	Nov-07		
			Install Mainline Overhead Fault Indicators	Complete	Feb-07		
			Install Additional Tap Fusing	Complete	Feb-07		
			Install Additional Animal Protection	To be completed 2Q 2007			

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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	
33	Bem Church	00789-1	<i>Performance was driven by non-preventable tree caused outages.</i>				2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install mainline overhead fault indicators	Complete	Mar-07		
			Detailed Circuit Patrol	Complete	Jun-06		
			Partial UG cable replacement in Sunny Slopes Devel	Complete	Oct-06		
			Comprehensive tree trimming	Complete	Dec-06		
			Install additional fusing	Complete	Jan-07		
			Re-route circuit tap along roadway	To be completed 3Q 2007			
34	Raintree	00642-4	<i>Performance driven by one vehicle contact</i>				
			Transfer line segments to a different line to reduce the radial line exposure	To be completed 3Q 2007			
35	Cly	00722-4	<i>Performance driven by non-preventable tree cause outages</i>				
			Comprehensive tree clearing	Completed	Apr-07		
			Install additional fuses	To be completed 2Q 2007			
36	Hill	00735-4	<i>Performance driven by non-preventable tree caused outages</i>				
			Comprehensive tree patrol	Completed	Apr-07		
			Remove danger trees	To be completed 2Q 2007			
			Install three fault indicators	To be completed 2Q 2007			
			Install switches to sectionalize the line	To be completed 3Q 2007			
			Install additional fuses	To be completed 2Q 2007			
	E Topton	00724-1	<i>Performance was driven by four outages: broken cutout/arrester, downed poles in high winds, and 2 vehicle accidents.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Install additional tap fuses	To be completed 2Q 2007			
			Replace Crossarms	To be completed 2Q 2007			
			Replace lightning arresters	To be completed 2Q 2007			
			Reconfigure circuit/minimize exposure	To be completed 4Q 2007			
	Barto	00706-1	<i>Performance was driven by non-preventable tree caused outages.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Inspect substation lightning protection	Complete	May-07		
			Install animal guard	Complete	Jun-06		
			Install additional fusing	Complete	Jun-06		
			Upgrade substation lightning protection	Complete	Oct-06		
			Comprehensive Tree Patrol	Complete	Dec-06		
			Install additional fusing	Complete	Mar-07		
			Spot tree trimming and removals	To be completed 4Q 2007			
			Install additional fusing	To be completed 4Q 2007			
Repair/Replace spacers and crossarms	To be completed 4Q 2007						

Met-Ed - Remedial Action for 1st Quarter 5% WPC

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters	
	Mountain	00740-4	<i>Performance driven by car/pole accident, broken crossarm and animal contact caused outages.</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Rebuild 2,200 ft of circuit	To be completed 2Q 2007			
			Replace multiple reclosers on the circuit	Complete	Mar-07		
			Comprehensive Tree Patrol	To be completed 2Q 2007			
			Install animal guard	Complete	Jan-07		
			Repair all critical items identified on circuit patrol	Complete	Jan-07		
	Birchwood	00623-3	<i>Performance was driven by equipment failure and animal related outages</i>				1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Installed triple/single recloser	Complete	Sep-06		
			Installed fusing at various locations	Complete	Feb-07		
			Installed additional fusing	To be completed 2Q 2007			
			Installed additional triple/single recloser	To be completed 2Q 2007			
			Complete full-cycle tree clearing	To be completed 2Q 2007			

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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				
1Q 2007 12-Month Rolling	Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
Animal	1,131,288	312	13,289	9.67%
Bird	309,864	139	4,088	4.31%
Contamination	484	4	5	0.12%
Customer Equipment	60,216	3	1,071	0.09%
Equipment Failure	3,354,699	460	36,658	14.26%
Fire	97,644	8	404	0.25%
Forced Outage	348,115	53	10,516	1.64%
Human Error - Company	2,921	13	48	0.40%
Human Error -Non-Company	195,914	45	1,196	1.40%
Ice	488	2	3	0.06%
Lightning	981,682	213	5,181	6.60%
Line Failure	3,612,988	277	23,195	8.59%
Object Contact With Line	144,842	11	1,176	0.34%
Other Utility-Non Elec	220	1	1	0.03%
Overload	401,643	206	5,233	6.39%
Previous Lightning	32,651	19	235	0.59%
Switching Error	51,721	1	1,617	0.03%
Trees/Not Preventable	3,943,858	351	23,221	10.88%
Trees/Preventable	60,117	11	531	0.34%
Ug Dig-Up	13,883	10	109	0.31%
Unknown	3,198,915	996	35,133	30.88%
Vandalism	467	2	2	0.06%
Vehicle	1,085,703	88	8,391	2.73%
Total	19,030,322	3,225	171,302	100.00%

Proposed Solutions – Penn Power

Unknown Outages

Since “outage-by-cause” analysis is one of the tools used to analyze and develop circuit and system reliability improvement plans, Penn Power stresses the need to accurately code outage causes; not to make educated guesses. Hence, if the troubleshooter cannot accurately identify the cause of an outage, that outage is coded with an unknown cause. To help limit the number of unknown outages, troubleshooters are directed to continue to patrol a circuit even after service has been restored, in an effort to identify the outage cause, as long as those patrols will not interfere with restoration of other customers.

Penn Power’s engineering department reviews the circuits that have experienced multiple “Unknown” outages to determine if a single device may be causing the outages.

Equipment Failure

The number of equipment failures are mitigated by way of inspection and maintenance practices, such as circuit inspections and others as reported in Section 57.195(e)(6) herein. 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 pointed to an increase in the number of outages from arresters and cutouts. Further analysis has identified an older gap-style and an expulsion-type arrester to be the main cause for the arrester outages and they are being replaced. Additionally, 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.

Trees Non-Preventable

Penn Power’s forestry department 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 any trees that need to be trimmed or removed to avoid future outages. In addition, line and forestry department personnel patrol for danger trees as part of their daily work routine.

Outages by Cause – Penelec

Outages by Cause				
1Q 2007 12-Month Rolling	Penelec			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
Animal	3,442,264	1,343	41,324	11.50%
Bird	772,169	320	9,180	2.74%
Contamination	58,437	54	424	0.46%
Customer Equipment	129,953	32	1,866	0.27%
Equipment Failure	26,049,620	3,470	253,295	29.72%
Fire	678,910	54	4,313	0.46%
Forced Outage	706,362	114	11,332	0.98%
Human Error - Company	355,530	49	27,539	0.42%
Human Error -Non-Company	653,704	136	10,209	1.16%
Ice	9,955	9	79	0.08%
Lightning	5,621,880	989	40,499	8.47%
Line Failure	9,181,125	739	79,789	6.33%
Object Contact With Line	1,303,653	65	7,346	0.56%
Other Electric Utility	25,571	42	1,031	0.36%
Other Utility-Non Elec	155,413	8	1,244	0.07%
Overload	2,077,038	270	22,861	2.31%
Previous Lightning	148,762	161	1,143	1.38%
Switching Error	239	1	4	0.01%
Trees/Not Preventable	17,905,982	1,500	133,374	12.85%
Trees/Preventable	666,015	112	5,523	0.96%
Ug Dig-Up	151,011	70	1,056	0.60%
Unknown	8,227,615	1,664	114,474	14.25%
Vandalism	146,897	7	1,835	0.06%
Vehicle	5,903,766	386	46,412	3.31%
Wind	898,354	82	1,873	0.70%
Total	85,270,225	11,677	818,026	100.00%

Proposed Solutions – Penelec

Equipment Failure

Penelec has identified porcelain cutout failures to be a large contributor to equipment failure outages and, as such, has been replacing porcelain cutouts with polymer cutouts as a preventive measure in conjunction with existing work plans.

The number of equipment failures are further mitigated by way of inspection and maintenance practices, such as circuit inspections and others as reported in Section 57.195(e)(6) herein. In addition, 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.

Unknown Outages

A high percentage of the outages coded as “Unknown Outages” required the replacement of blown fuses. The implementation of coordination and protection reviews is expected to reduce the number of these types of outages.

Trees Non-Preventable

Penelec’s forestry department 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 any dead or diseased trees that need to be trimmed or removed to avoid future outages. In addition, line and forestry department personnel patrol for danger trees as part of their daily work routine.

Outages by Cause – Met-Ed

Outages by Cause				
1Q 2007 12-Month Rolling	Met-Ed			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
Animal	6,082,282	1,732	66,900	18.20%
Bird	61,765	63	684	0.66%
Contamination	28,161	21	205	0.22%
Customer Equipment	109,605	17	1,103	0.18%
Equipment Failure	24,374,125	2,027	257,263	21.29%
Fire	495,224	25	4,680	0.26%
Forced Outage	1,977,472	133	50,578	1.40%
Human Error - Company	436,549	45	10,662	0.47%
Human Error -Non-Company	579,860	81	3,645	0.85%
Ice	80,016	10	835	0.11%
Lightning	9,518,843	713	47,625	7.49%
Line Failure	10,794,174	543	68,130	5.70%
Object Contact With Line	127,515	15	4,828	0.16%
Other Electric Utility	65,800	2	1,979	0.02%
Other Utility-Non Elec	24,699	2	654	0.02%
Overload	2,678,686	211	35,021	2.22%
Previous Lightning	135,155	49	864	0.51%
Switching Error	57,833	2	1,498	0.02%
Trees/Not Preventable	29,119,247	1,175	152,450	12.34%
Trees/Preventable	2,161,097	289	11,698	3.04%
Ug Dig-Up	261,753	61	1,167	0.64%
Unknown	12,224,775	1,933	122,812	20.31%
Vandalism	345,731	9	1,807	0.09%
Vehicle	10,332,410	350	80,178	3.68%
Wind	14,731	11	56	0.12%
Total	112,087,508	9,519	927,320	100.00%

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 as reported in Section 57.195(e)(6) herein. 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, Met-Ed's engineering department conducts a multi-operation device review each month to identify equipment failures and equipment that is causing repetitive outages and plans accordingly to repair or replace equipment.

Unknown

Met-Ed's engineering department reviews the circuits using the SAIDI circuit evaluation process and all outage cause codes are investigated at that time. Met-Ed stresses the need to accurately code outage causes; not to make educated guesses. Hence, if the troubleshooter cannot accurately identify the cause of an outage, that outage is coded with an unknown cause. To help limit the number of unknown outages, troubleshooters conduct a thorough patrol of the circuit prior to restore of the outage.

Animal

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

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

T&D Inspection and Maintenance Programs

Inspection and Maintenance 1Q 2007		Penn Power			Penelec			Met-Ed			
		Planned	Completed		Planned	Completed		Planned	Completed		
		Annual	1Q	YTD	Annual	1Q	YTD	Annual	1Q	YTD	
Forestry	Transmission (Miles)	27	6	6	764	27	27	363	72	72	
	Distribution (Miles)	1,593	395	395	4,590	704	704	2,872	575	575	
Transmission	Aerial Patrols	2	0	0	2	0	0	2	0	0	
	Groundline Inspections ^(a)	0 ^(b)	0	0	3,068	0	0	527	0	0	
Substation	General Inspections	1,020	254	254	5,495	1,373	1,373	2,892	720	720	
	Transformers	123	74	74	679	346	346	418	91	91	
	Breakers	17	7	7	278	156	156	180	41	41	
	Relay Schemes	171	49	49	471	256	256	320	112	112	
Distribution	Capacitor Inspection	870	867	867	8,163	7,419	7,419	4,045	4,045	4,045	
	Pole Inspections	13,119	3,492	3,492	46,052	7,755	7,755	27,585	8,085	8,085	
			Planned	Completed	Planned	Completed	Planned	Completed			
	Recloser Inspection (quarterly)	1Q	623	623		2,061	2,061		905	811	
		2Q	623			2,061			905		
		3Q	623			2,061			905		
		4Q	623			2,061			905		
	Radio-Controlled Switches (twice per year)	1st half 2007	Penn Power has no radio controlled switches			871	41		17	0	
		2nd half 2007				871			17		

(a) Transmission groundline inspections:

- ◆ Penn Power includes 138 and 69 kV
- ◆ Penelec includes 345, 230, 138, and 115 kV
- ◆ Met-Ed includes 230, 115 and 69 kV

(b) Penn Power's Plan reflects accelerated groundline inspections from previous years.

General Note:

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

Section 57.195(e)(7): Quarterly and year-to-date information on budgeted versus actual transmission and distribution operation and maintenance expenditures in total and detailed by the EDC's own functional account code or FERC account code as available. (For first, second and third quarter reports only).

Budgeted vs. Actual T&D Operation & Maintenance Expenditures

T&D O&M (1st Quarter and YTD Mar 2007)						
Company	PUC Category	1Q Actual	1Q Budget	YTD Actual	YTD Budget	Annual Budget
Penn Power	Corrective Maintenance	1,129,547	446,633	1,129,547	446,633	1,815,600
	Preventive Maintenance	144,123	46,837	144,123	46,837	190,116
	Storms	46,208	235,381	46,208	235,381	987,754
	Vegetation Management	1,514,561	1,150,419	1,514,561	1,150,419	4,601,677
	Miscellaneous	591,136	1,322,494	591,136	1,322,494	5,159,604
	Operations	738,937	585,306	738,937	585,306	2,422,531
Penn Power Total		4,164,512	3,787,070	4,164,512	3,787,070	15,177,282
Penelec	Corrective Maintenance	862,918	1,868,552	862,918	1,868,552	7,644,572
	Preventive Maintenance	979,187	1,360,353	979,187	1,360,353	5,576,868
	Storms ^(a)	(561,583)	934,478	(561,583)	934,478	4,191,269
	Vegetation Management	1,936,622	3,270,352	1,936,622	3,270,352	13,081,407
	Miscellaneous	5,229,089	3,639,188	5,229,089	3,639,188	15,413,265
	Operations	6,406,647	5,359,295	6,406,647	5,359,295	22,660,959
Penelec Total		14,852,880	16,432,218	14,852,880	16,432,218	68,568,340
Met-Ed	Corrective Maintenance	1,180,286	1,663,652	1,180,286	1,663,652	6,711,542
	Preventive Maintenance	637,502	897,981	637,502	897,981	3,603,295
	Storms	269,111	1,212,270	269,111	1,212,270	4,899,603
	Vegetation Management	2,593,017	3,124,421	2,593,017	3,124,421	12,497,683
	Miscellaneous	3,578,741	3,277,555	3,578,741	3,277,555	14,097,575
	Operations	3,924,202	4,058,255	3,924,202	4,058,255	17,756,112
Met-Ed Total		12,182,859	14,234,134	12,182,859	14,234,134	59,565,810
Grand Total		31,200,251	34,453,422	31,200,251	34,453,422	143,311,432

(a) Positive variance represents a reclassification of O&M to Capital.

General Notes:

- Penn Power's O&M dollars do not include the costs associated with the O&M work conducted on the transmission assets owned by American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp.
- See Attachment A for O&M and Capital category definitions.
- O&M data is consistent with preliminary FERC data with the exception of the expenses related to PJM and MISO, of which the Companies are Transmission Owner members. Removed MISO Network services expenses from Penn Power (actual and budget).
- O&M data ties to preliminary FERC data w/ the exception of the exclusions below:
 - Removed PJM congestion and Financial Transmission Rights ("FTR") and Auction Revenue Rights ("ARR") expenses from Met-Ed and Penelec (actuals and budget)
 - Removed MISO Network Integration Transmission Service expenses from Penn Power (actual and budget)

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

Budgeted vs. Actual T&D Capital Expenditures

T&D Capital Only Includes CIAC (net) (1st Quarter and YTD Mar 2007)						
Company	PUC Category	1Q Actual	1Q Budget	YTD Actual	YTD Budget	Annual Budget
Penn Power^(a)	New Business	1,739,681	1,140,822	1,739,681	1,140,822	6,409,734
	Reliability	1,342,766	2,567,625	1,342,766	2,567,625	12,233,969
	Capacity	776,459	1,666,507	776,459	1,666,507	3,259,669
	Miscellaneous	569,252	388,768	569,252	388,768	1,085,654
	Forced	514,516	589,606	514,516	589,606	3,176,422
	Vegetation Management	12,425	84,650	12,425	84,650	335,524
PennPower Total		4,955,099	6,437,978	4,955,099	6,437,978	26,500,972
Penelec	New Business	5,558,760	4,546,741	5,558,760	4,546,741	20,785,660
	Reliability	5,469,314	5,347,259	5,469,314	5,347,259	23,410,671
	Capacity	1,493,463	2,173,472	1,493,463	2,173,472	5,798,869
	Miscellaneous	2,790,202	3,385,204	2,790,202	3,385,204	9,233,839
	Forced	3,910,468	6,025,797	3,910,468	6,025,797	28,006,884
	Vegetation Management	1,112,425	731,602	1,112,425	731,602	3,074,976
Penelec Total		20,334,632	22,210,075	20,334,632	22,210,075	90,310,899
Met-Ed	New Business	6,583,630	6,223,409	6,583,630	6,223,409	25,959,628
	Reliability	4,713,139	5,093,407	4,713,139	5,093,407	19,729,925
	Capacity	4,037,546	8,436,041	4,037,546	8,436,041	22,951,673
	Miscellaneous	1,718,110	1,900,090	1,718,110	1,900,090	5,586,850
	Forced	1,534,178	1,817,765	1,534,178	1,817,765	8,636,257
	Vegetation Management	153,358	139,884	153,358	139,884	608,133
Met-Ed Total		18,739,961	23,610,596	18,739,961	23,610,596	83,472,466
Grand Total		44,029,692	52,258,649	44,029,692	52,258,649	200,284,337

^(a) Penn Power's capital dollars do not include the costs associated with capital work conducted on the transmission assets owned by American Transmission Systems, Inc. (ATSI), a subsidiary of FirstEnergy Corp.

General Notes:

- See Attachment A for O&M and Capital category definitions.
- Capital dollars are net of Contribution In Aid of Construction ("CIAC") amounts and exclude facilities costs (i.e. buildings).

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				
Line Department	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Leader / Chief	30			
Lineman	48			
Substation Department				
Technician	6			
Construction & Maintenance (C&M)	15			
Total	99			

Penelec				
Line Department	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Leader / Chief	150			
Lineman	154			
Substation Department				
Technician ^(a)	0			
Construction & Maintenance (C&M)	76			
Total	380			

Penelec Substation Technician work is performed by C&M employees.

Met-Ed				
Line Department	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Leader / Chief	58			
Lineman	151			
Substation Department				
Technician	15			
Construction & Maintenance (C&M) ^(b)	56			
Total	280			

Met-Ed's overall headcount is down from 4Q 2006 due to attrition.

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

Contractor Expenditures

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

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

Call-Out Acceptance Rate

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

Call-Out Response

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

Settlement Agreement Provisions

Pursuant to the Reliability Settlement Agreement at Docket No. I-00040102, two additional reporting requirements are included with the Companies' Quarterly Reliability Report:

- Connectivity Rate
- Local Reliability Meeting Updates

Settlement Provision #1: The FirstEnergy Companies will provide customer connectivity rates as part of quarterly reliability reporting to the Commission beginning with the 3rd quarter 2004 report. Each of the Companies will achieve at least a 98% connectivity rate by the end of 2005. The Companies will strive to achieve a 99% connectivity rate but will maintain at least a 98% connectivity rate. Customer connectivity is defined as the percentage calculated by dividing the number of customers that are connected to a device within the Outage Management System (OMS) by the number of billable accounts and sub-accounts (other than group billed accounts) in the customer information system. Customers connected to a device in OMS are those connected in such a way that the electrical network may be traced for outage prediction purposes from the customer to a distribution circuit breaker.

Connectivity Rate

The Companies are maintaining a connectivity rate of 99% or higher.

2007 Connectivity (%)	<i>Penn Power</i>	<i>Penelec</i>	<i>Met-Ed</i>
1Q	99.4%	99.3%	99.2%
2Q			
3Q			
4Q			

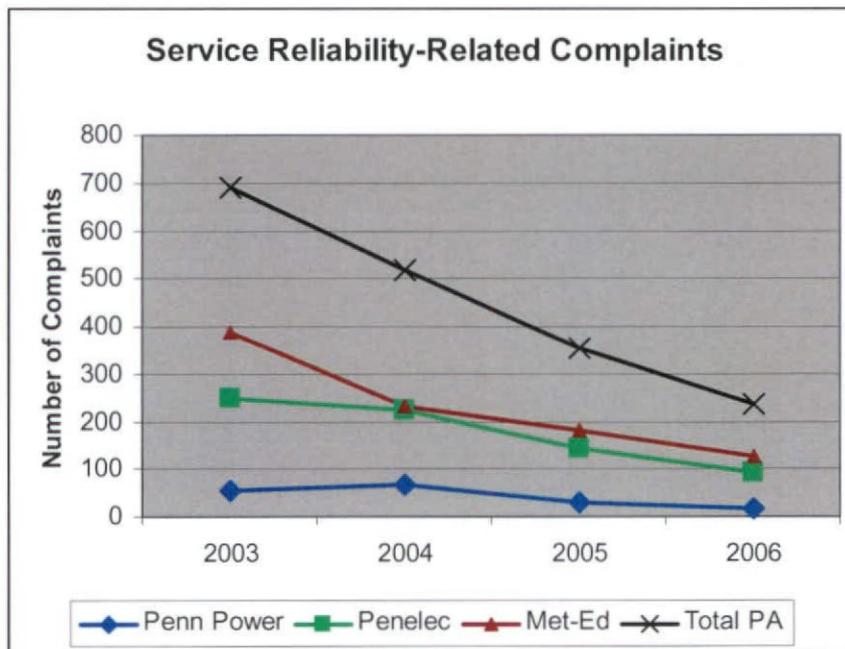
Settlement Provision #8: The FirstEnergy Companies will conduct local meetings about reliability, with notices targeted to areas previously reporting numerous power outage or reliability complaints, and which focus on updating the customers on reliability projects and circuit performance. These local meetings will begin by October 2004 and summaries of the meetings will be provided in the FirstEnergy Companies' quarterly reliability reports to the Commission. The summaries will contain a description of the action plans identified and dates for implementation of the planned actions as a result of the meetings.

Local Reliability Meetings

Companies are required under the PA Settlement Agreement (Provision #8 above) to conduct local reliability meetings within their regions. In the 1st quarter of 2007 the Companies conducted the following number of reliability meetings: 2 for Penn Power, 2 for Penelec and none for Met-Ed.

The local reliability meetings have been conducted on both a reactive and proactive basis. Since the meetings commenced in November 2004, there has been a steady decline in the total number of meetings. This steady decline can potentially be attributed to the following factors:

- The reliability performance improvement demonstrated to date and as described in Section e(2) of this report.
- The Companies' increased and improved communication with customers through the utilization of reverse interactive voice response ("IVR").
- Reduction in service reliability-related customer complaints (see graph below).



Public meeting reports are provided in Attachment B1 and B2 of this report.

- Attachment B1 includes reports on meetings conducted in the 1st quarter of 2007.
- Attachment B2 includes reports on meetings conducted previous to the 1st quarter of 2007 and for which there are action items that are still outstanding or were completed in the 1st quarter.

Once all action items have been completed, the meeting report will be archived and no longer attached to this quarterly report.

ATTACHMENT A

Definitions of T&D O&M and Capital Categories

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Definitions of T&D O&M and Capital categories:

T&D O&M

Corrective Maintenance – Program or non-program O&M costs associated with the unplanned repair and maintenance of the system, which may or may not be scheduled. This excludes any capital work resulting from corrective maintenance.

Preventive Maintenance – Program or non-program O&M costs associated with the planned repair and maintenance of they system, which may or may not be scheduled.

Storms – Costs associated with all weather-related conditions.

Vegetation Management – Costs associated with planned or unplanned tree trimming and vegetation management program.

Miscellaneous (Misc.) – Costs associated with miscellaneous type categories that can include, but are not limited to, damage claims, joint use, and purchase of tools.

Operations – O&M costs associated with the activities related to managing and directing the operations of the Company.

T&D Capital

New Business – Costs associated with providing service to new customers (i.e. residential, commercial, industrial, and streetlighting).

Reliability – Costs incurred to improve/reinforce the reliability of the infrastructure assets.

Capacity – Costs associated with projects required to improve, relieve, or correct an existing or projected voltage or thermal condition.

Miscellaneous (Misc.) – Costs associated with miscellaneous type categories that can include, but are not limited to, damage claims, joint use, and purchase of tools.

Forced – Costs associated with projects that are required usually by federal or state regulatory bodies. This category can also include costs associated with highway and bridge projects or that are related to weather conditions.

Vegetation Management - Costs associated with planned or unplanned tree trimming and vegetation management program.

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ATTACHMENT B1

Local Reliability Meeting Reports

Meetings Conducted in the 1st Quarter 2007

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group: Greenville Reynolds Dev Corp & Penn NW Dev Corp.
Location: Greenville Reynolds Development Park
Date/Time: January 4, 2007 at 3:00 p.m.
Penn Power Circuit: Y-203
Penn Power Attendees: Tony Zucco - Penn Power Area Manager
Chuck Jackson - Penn Power Customer Support Rep.
Public Attendees: Larry Reichard - Penn NW, Brad Gosser - Greenville/Reynolds Dev
Dan Blair - Greenville Reynolds Dev, Jay Gardner - Competitive Strategies Group

Background / Issues

Jay Gardner of Competitive Strategies Group is a site consultant for an unnamed company who is looking at a site in Greenville Reynolds Development. He requested a meeting with Penn Power and the local development companies to discuss reliability of a 69 kv line at the site (on Kidd Mills Rd). We met with Mr. Gardner and the development officials to review the reliability history of the Y-203 circuit. We explained that since January 1, 2003, the circuit experienced only one sustained outage for 92 minutes. The outage occurred in December 2004 and was caused by a car-pole accident. Mr. Gardner was impressed with the circuit's reliability and appreciative of the information we provided.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
None			

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group: City of Hermitage
Location: Penn Power Offices - Clark
Date/Time: March 7, 2007 at 2:00 p.m.
Penn Power Circuit: W-260
Penn Power Attendees: John Wittmann - Engineering
Tony Zucco - Area Manager
Public Attendees: Tom Darby - Wastewater Superintendent
Gary Hinkson - City Manager - City of Hermitage
Fred Heighes - Chairman of Hermitage Sewer Authority

Background / Issues

The City of Hermitage has been experiencing problems with the operation of their new wastewater treatment plant located on Sample Road. They requested our assistance. The subject of the meeting was to discuss their service at the Sample Road facility, which led to a discussion of that circuit's reliability. Tom Darby indicated that the outage / reliability history of that circuit had improved dramatically over the past year or two. I informed the group that Penn Power continues to strive for improved performance, including the recent tree trimming that has been done in the Hermitage area. Tom offered to investigate further into the alarms / conditions that they are experiencing with their system and will contact us if we can be of assistance. They appreciated our support.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
None			

Penelec

Public Meeting Report

Meeting Information

Municipality/Group: Millcreek Mall
Location: Millcreek Mall Offices
Date/Time: January 18, 2007 at 1:30 p.m.
Penelec Circuit: X Line
Penelec Attendees: Dan Heher (Area Manager), Marty Grzasko (Penelec Director of Customer Support)
Public Attendees: Tim Jarras Manager Millcreek Mall & Asst Mall Mgr

Background / Issues

During January 2007, Millcreek Mall experienced partial outages at many stores. The outages were caused by two different incidents; one of which was an Air Break Switch Failure and the other caused by a pad-mounted switch that should have shifted load to another circuit, but failed to operate on a 34.5 Kv Circuit. We reviewed the way the system was designed to operate and the protective devices that were in place to provide reliable electric service. A plan was devised to correct the problems encountered. The customer was satisfied with Penelec's efforts and proposed repairs.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Rebuild or Replace pad mounted switch that failed to operate.	Erie Line	3/31/07	3/15/07
Repair Air Break Switch at Peach & West Gore Streets	Erie Line		1/20/07
Review fuse Coordination for electric feeds to the Millcreek Mall	Penelec Engineering	3/31/07	1/30/07

Penelec

Public Meeting Report

Meeting Information

Municipality/Group: Gannon University
Location: Gannon University
Date/Time: February 20, 2007
Penelec Circuit: Erie Network
Penelec Attendees: Dan Heher Area Manager
Public Attendees: Dr Antone Gerabaldi, President Gannon University

Background / Issues

The Erie Network System experienced a cable failure on State Street in Downtown Erie. The cable had to be removed from service, resulting in a loss of electricity to the University. The cable was isolated and service was returned to Gannon.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Repair or replace cable	Erie Network		3/15/07

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ATTACHMENT B2

Local Reliability Meeting Reports

Meetings Conducted Prior to the 1st Quarter 2007

With Updated or Outstanding Action Items

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group: Pine Twp. Planning Commission
Location: 230 Pearce Mill Road
Wexford, Pa. 15090
Date/Time: February 13, 2006 at 7:30 p.m.
Penn Power Circuit: Richard Substation - Circuits D-743 & D-745
Penn Power Attendees: Bart L. Spagnola, Area Manager
Dave Wareham, Real Estate
Public Attendees: P. Zvolio, M. Hansen, T. Smith, V. Zappa, J. Dennison and J. Lombardo - Planning Commission

Background / Issues

Dave Wareham, FE Real Estate, and I attended the February Pine Township Planning Commission meeting to present blueprints and design of our proposed Wexford Substation along Rt. 19. When we completed our presentation, the Chairman, P. Avolio, asked how this substation would affect the existing Richards Substation, which is 1.5 miles up the road. He mentioned that in the summer of 2005 the commercial district along Rt. 19 experienced outages that upset several businesses and residents in this area. We did see a few outages in this area as a result of trees coming down during storms. We also had one outage from equipment failure at the substation. I explained that this new substation will provide for the new growth coming to Pine Twp. and will reduce some of the load at the existing substation to improve reliability and provide power for additional growth at the southern end of the township. I also explained that from October through year-end 2005, Asplundh Tree Service cleared trees on both circuits 743 & 745 as part of the four-year Vegetation Maintenance Schedule. With tree clearing, equipment upgrades, circuit upgrades and the proposed new Wexford Substation, service reliability should improve in this area and provide for future growth. The commissioners asked several more questions before giving Penn Power tentative approval for the new substation. After the meeting the commissioners thanked us for the work completed in 2005 and the work scheduled in 2006 to improve reliability.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Circuit Tree Clearing	G. Urick, Penn Power Forestry		4Q 2005
Wexford Substation	J. Kaneski, FE Substation Manager	2Q 2007	

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group: Lawrence Co. Commissioners and County Planner
Location: 430 Court Street - New Castle, Pa. 16101
Date/Time: March 13, 2006 at 10:00 a.m.
Penn Power Circuit: Y-194, Y-196 and Locust St (X-45 --23kv tap)
Penn Power Attendees: Bart L. Spagnola, Area Manager
David Wareham, Real Estate
Public Attendees: Steven Craig, County Commissioner
Edward Fosnaught, County Commissioner
James Gagliano, County Planner

Background / Issues

This meeting was held at the Lawrence County Court House to discuss recent outages that have affected the North Hill urban area and the Downtown New Castle area, which includes the County Court House. The discussion centered on the length of outage time and what could be done to restore power more quickly. We have been working on a solution to shorten the length of outages in the downtown and North Hill areas. I explained that the three substations and their (10) distribution circuits in this area are currently on a transmission and sub-transmission radial. Our plan is to establish a 69 kV transmission "loop" on the west side of Penn Power's New Castle urban service area. The plan will complete the loop by closing the gap between Hillcrest Substation, Y-194 tap, and Grant Street Y-196 tap. We will be converting the Locust X-45 -- 23 kV tap to a 69 kV substation. This will allow us to switch and isolate trouble in the circuits during storms, unscheduled outages, and to restore power more quickly to a majority of the customers. The commissioners were pleased that the work is being done to upgrade and improve the system in and around the New Castle area.

Revised Work Schedule: All tree trimming on the circuits listed above has been completed. A recent review has shown improvement in reliability since the work was done. These circuits along with other circuits in the New Castle Area will be evaluated again later this year for future maintenance.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Engineering (if necessary)	John Wittmann, Engineering Supervisor	2007	
Maintenance (if necessary)	Jim Visingardi, Operations Manager	2007	

Penelec

Public Meeting Report

Meeting Information

Municipality/Group: Millcreek Twp. / Erie - Amhurst Road Area
 Location: Millcreek Township Municipal Building
 Date/Time: November 10, 2005 at 6:00 p.m.
 Penelec Circuit: Rolling Meadows Amhurst URD Circuit 00513-31
 Penelec Attendees: Dan Heher Area Manager, Chuck Tillburg COC Manager and Marty Grzasko, Director of Customer Support
 Public Attendees: Approximately 75 Residents of the Amhurst Rd Subdivision

Background / Issues

Amhurst Road is fed with a 34.5 kV URD Distribution system. The Customers have experienced a number of prolonged outages. Improvements were made to the system in 2002 by adding new electrical feeds to the area. As a result the electrical feed to these customers was greatly improved. However, in 2005 outages began to occur again, creating the need for reliability improvements.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Replace mainline URD feed along Amhurst Road. <ul style="list-style-type: none"> • Install conduit • Pull wire / complete job 	Engineering & Line	4Q 2006 2Q 2007	Dec 2006

Met-Ed

Public Meeting Report

Meeting Information

Municipality/Group: Cornwall Boro, N. Cornwall Twp, and residents.
Location: 533 Zinns Mill Road
Date/Time: October 17, 2005
MetEd Circuit: 780-2
MetEd Attendees: Dan Logar
Public Attendees: Priscilla Miller, Mr & Mrs Joe Schott, Rep Gingrich & Zug, State Sen Brightbill, Cornwall Boro, and N. Cornwall Twp officials.

Background / Issues

The 780-2 circuit originates from the Broad Street substation. Load growth on the circuit is causing overload concerns. The solution is to reactivate the North Cornwall substation near 533 Zinns Mill Road. The meetings were for residents near the substation property and elected officials.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Complete installation of the Substation <ul style="list-style-type: none">• 75% complete• Tap into the transmission line, energize the substation, complete job	Greg Gillotti	4Q 2006 2Q 2007	See Below 4Q 2006

Met-Ed

Public Meeting Report

Meeting Information

Municipality/Group: Several Residential Customers
Location: Red Lion, York County
Date/Time: Various Correspondence (report originated May 11, 2006)
MetEd Circuit: Windsor and School Lane Substations
MetEd Attendees: Ernie Waters, Area Manager; James Sarver, Engineer
Public Attendees: Customers in the Red Lions Area: Howard Supplee, James Gibbs, Linda Smith, John Leber, Richard Jackson, Deb Taylor, Richard Ruff, Chris Anderson, Lamar Frey, Josephine Witman, David Humberd

Background / Issues

A sporadic, fluttering lights condition was persisting for customers in the Red Lion area. Met-Ed purchased special equipment to detect the source of the problem. The source was traced to a commercial/industrial customer and multiple pieces of equipment utilized within that customer's facility. The customer's Static VAR Compensator at their plant was inoperable. Met-Ed is assisting the customer in engaging outside expertise to repair the Static VAR Compensator.

Met-Ed initiated a group meeting of customers affected by this issue to discuss the effort being taken by the commercial/industrial customer with the assistance of Met-Ed. This group informally elected to be represented by one representative – namely Mr. Humberd.

We performed the following follow-up communication: voice message (early May), letter (mailed to each customer on May 11th), and verbal communication with Mr. Humberd (June 29th).

Met-Ed met with the specific commercial/industrial customer that is the source of the problem on September 22 and will continue to meet with them until the issue has been corrected.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Continue to communicate progress	Ernie Waters	Ongoing	See Note Below

Note: A new report has been generated for this issue. Please reference the Public Meeting Report for Tate Access Floors in Red Lion Borough (Circuit 00476), dated December 22, 2006.

Met-Ed

Public Meeting Report

Meeting Information

Municipality/Group: Tate Access Floors/ Red Lion Borough
Location: Met-Ed 501 Parkway Blvd.
Date/Time: December 22, 2006
MetEd Circuit: 00476
MetEd Attendees: J. Sarver, C. Wagnam, Andrew Zulkowsky (Met-Ed)
Public Attendees: R. Kemerer, K. Deihl (Power Quality Systems Inc) John Hand, E. Blazeck (Tate Access Floors)

Background / Issues

Red Lion Borough Flicker Problem:

A sporadic fluttering lights condition was persisting for customers being served in the Red Lion area. Met-Ed purchased special equipment to detect the source of the problem. The source of the problem was traced to an commercial/industrial customer and multiple pieces of equipment utilized at that customer's facility. The customer's Static VAR Compensator at the customer's plant was inoperable. Met-Ed is assisting the customer in engaging outside expertise to repair the Static VAR Compensator.

Some customers affected by the flickering lights condition were moved to another line. However the problem will persist and impact a significant number of customers until the corrective equipment is installed.

On December 22, the Customer's Consultant, Power Quality Systems Inc. reviewed its proposal for installing a replacement Static VAR Compensator. The customer accepted the proposal and the equipment is projected to be up and running in approximately 3 months.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Customer Service Reps. and Engineering will continue to work with residents of the township, Tate Access Floors and its consultants to ensure timely installation of a system which is compatible with Met-Ed facilities.	Engineering and Customer Service	2Q 2007	