FirstEnergy

76 South Main Street
Akron, Ohio 44308

ORIGINAL

August 1, 2007

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L-00030161

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

Re: Joint 2nd 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 2nd 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 separate cover.

Sincerely,

Eric J. Dickson
Director, Operations Services

Enclosures

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PUBLIC VERSION

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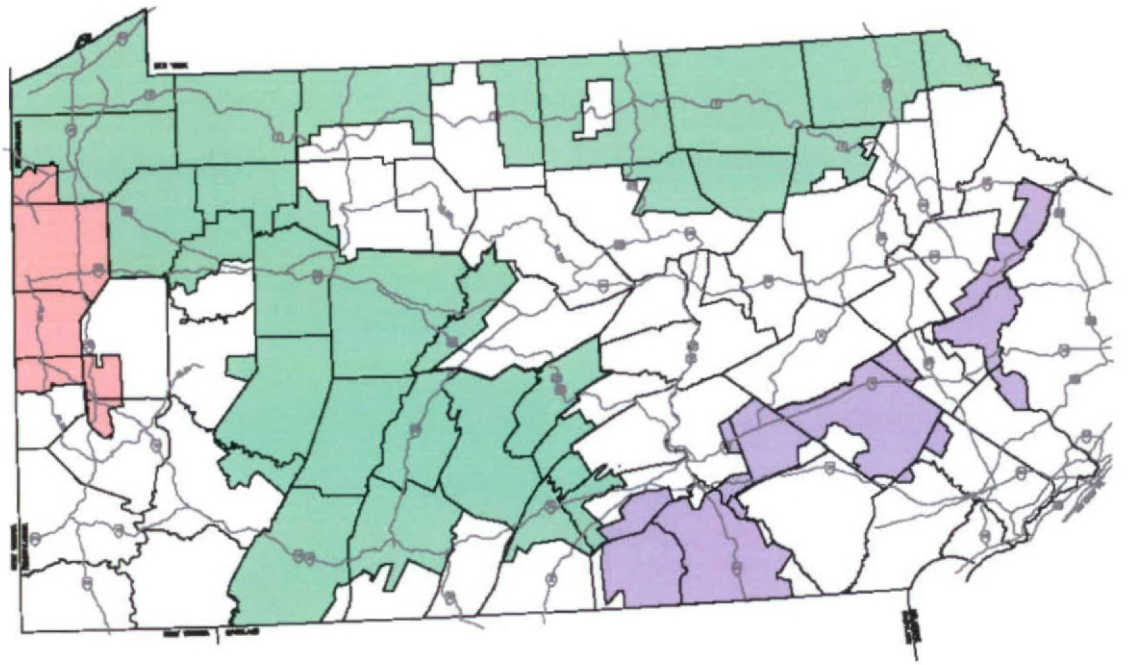
Joint 2nd Quarter 2007 Reliability Report – Pennsylvania Power Company, Pennsylvania Electric Company, and Metropolitan Edison Company Pursuant to 52 PA Code §57.195(e)



PennPower
A FirstEnergy Company

Penelec
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Met-Ed
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Sincerely,
Eric Dickson / SL
Eric J. Dickson
Director, Operations Services

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Joint 2nd 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 June 30, 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 June 30, 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

2Q 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	1.21	1.26	1.52	1.56	1.15	1.38	1.79
CAIDI	101	121	123	117	141	108	117	140	123
SAIDI	113	162	149	148	213	169	135	194	220
Customers Served [(a)]	158,013			588,005			537,734		
Number of Sustained Interruptions	3,421			12,233			9,778		
Customers Affected	190,807			919,427			961,396		
Customer Minutes	23,530,961			99,138,366			118,132,502		

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

Summary of Reliability Improvement:

Penn Power

SAIFI 10% better than Commission's 12-Month Standard.

SAIDI 8% better than Commission's 12-Month Standard.

Penelec

CAIDI 23% better than Commission's 12-Month Standard.

SAIDI 21% better than Commission's 12-Month Standard.

Met-Ed

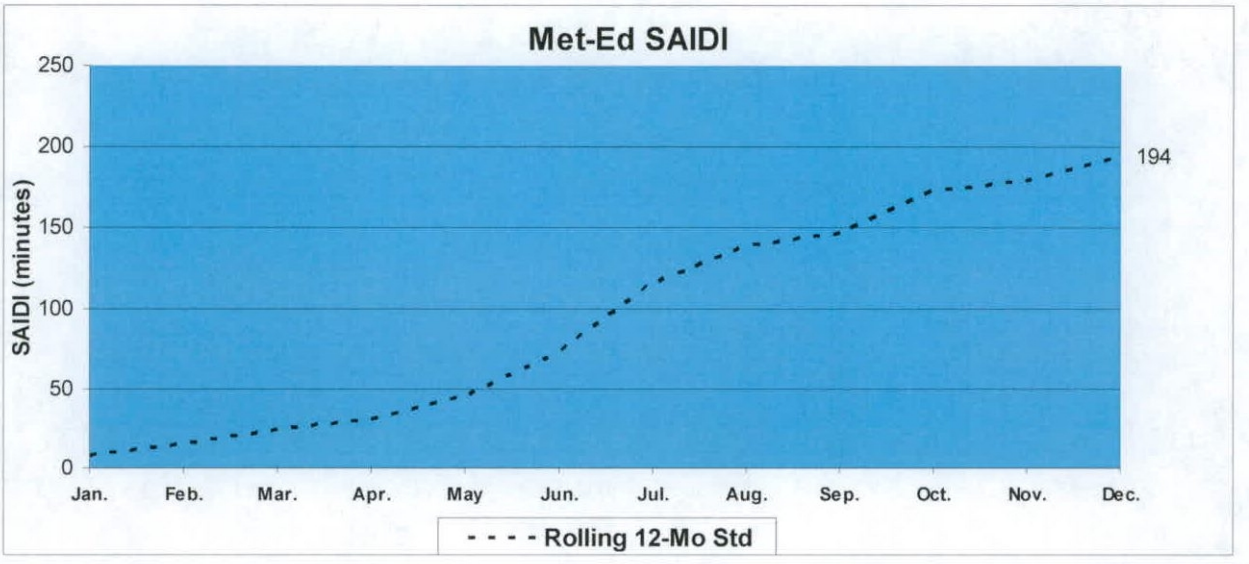
CAIDI 12% better than Commission's 12-Month Standard.

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.

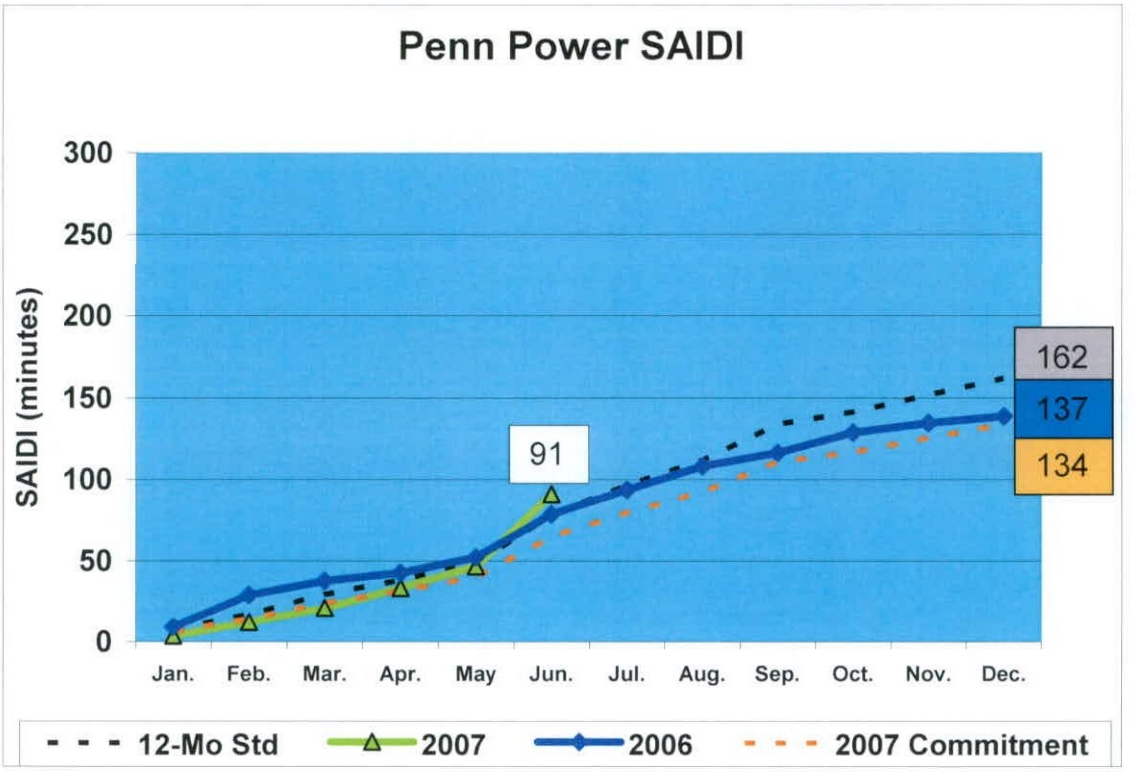
Normalized Trend

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.



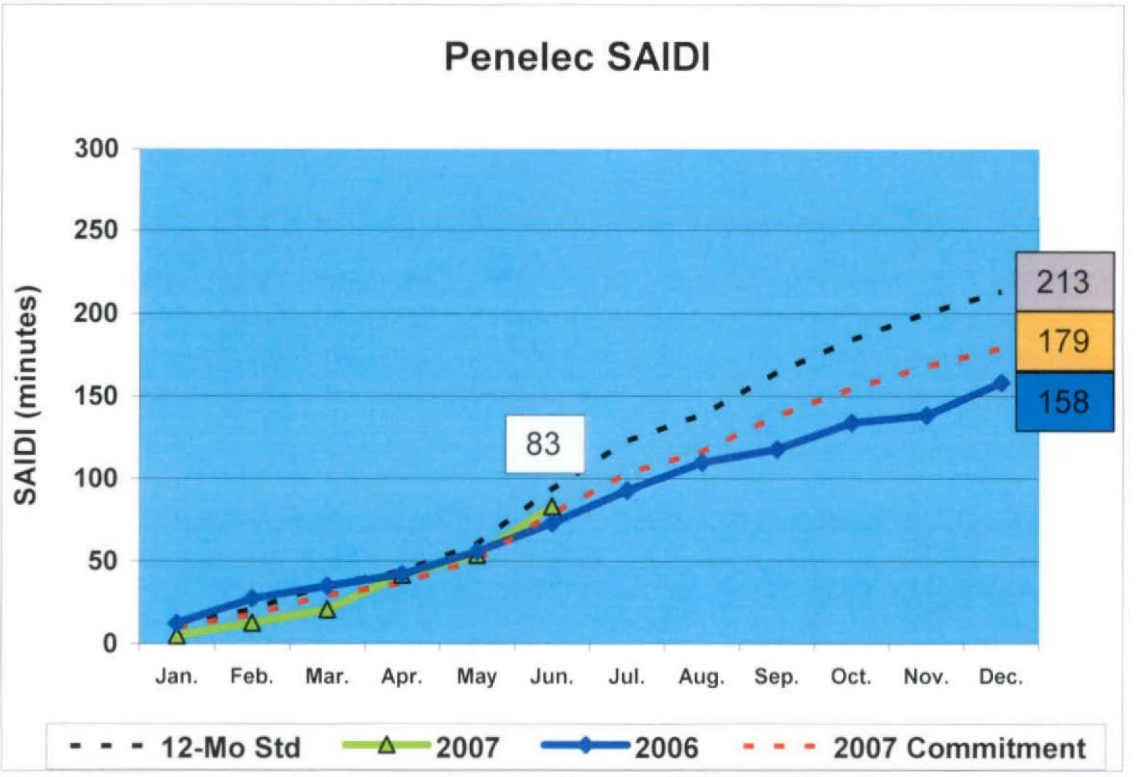
The Companies have trended year-to-date SAIDI for 2007, as shown in the following pages, such that each Company's performance can be readily compared to both SAIDI performance from the previous year, as well as the Commission's Rolling 12-Month Standard.

The sudden increase in the 2007 trend line(s) for each of the Operating Companies reflects the impact of weather events that affected their respective service territories. These weather events did not meet the threshold for a Request for Exclusion of Major Outage for Reliability Reporting Purposes (see § 57.195(e)(1)). The tables, following each Company's trend line graph, further illustrate the SAIDI impact of these non-excludable events.



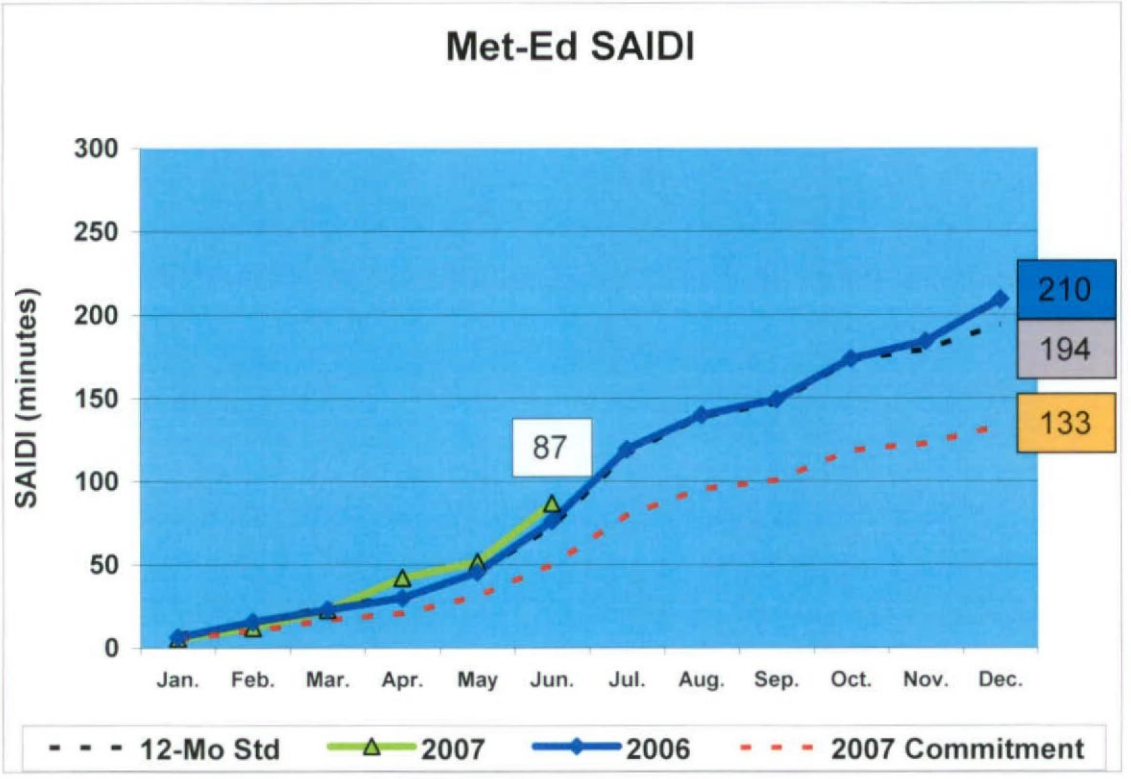
2nd Quarter 2007 Non-Excludable Events with a ≥ 1 minute impact on SAIDI

Penn Power				
Start Date	**Customers Affected**	**Customer Minutes Interrupted**	**Cause**	**SAIDI Impact**
May 1	1,163	487,791	Tornado	3.1
May 20	4,618	244,754	Lightning	1.5
June 8	11,547	4,732,144	Lightning	30.0
June 13	9,003	914,164	Lightning	5.8
June 21	3,372	466,705	Lightning	3.0
June 27	4,724	986,380	Lightning	6.2
Total	**34,427**	**7,831,938**		**50**



2nd Quarter 2007 Non-Excludable Events with a ≥ 1 minute impact on SAIDI

Penelec				
Start Date	**Customers Affected**	**Customer Minutes Interrupted**	**Cause**	**SAIDI Impact**
April 11	11,552	2,530,818	Wind	4.3
April 16	24,937	5,246,637	Snow / Wind	9.0
May 1	3,669	1,218,761	Lightning / Wind	2.1
June 8	34,214	6,565,507	Wind / Lightning	11.3
June 12	16,296	1,381,020	Wind / Lightning	2.4
June 19	10,299	1,150,929	Wind / Lightning	2.0
June 27	15,190	2,128,387	Wind / Lightning	3.7
Total	**116,157**	**20,222,059**		**35**



2nd Quarter 2007 Non-Excludable Events with a ≥ 1 minute impact on SAIDI

Met-Ed				
Start Date	**Customers Affected**	**Customer Minutes Interrupted**	**Cause**	**SAIDI Impact**
April 15	36,247	7,166,826	Wind, Rain, Snow	13.3
June 1	21,459	2,761,472	Lightning	5.1
June 3	5,994	667,507	Wind, Rain	1.2
June 12	5,112	874,131	Lightning, Rain	1.6
June 13	23,078	1,808,279	Lightning, Rain	3.4
June 19	31,654	6,256,960	Lightning, Rain	11.6
June 27	11,081	719,925	Lightning, Rain	1.3
Total	**134,625**	**20,255,100**		**38**

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

Rank	Substation	Circuit	District	Avg Cust (1)	Outages (2)	Lock Outs (3)	Customer Minutes (4)	Cust Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
1	Camp Reynolds	W-134	Clark	1,910	86	1	738,940	3980	4.68	387	2.08	185.7	0.2
2	Conneaut	W-174	Clark	1,111	40	1	698,568	1895	4.42	629	1.71	368.6	1.2
3	W Pittsburg	D-391	Clark	1,119	29	2	655,794	2911	4.15	586	2.60	225.3	11.3
4	Stoneboro	W-130	Clark	838	31	0	606,625	1568	3.84	724	1.87	386.9	1.4
5	Hartstown	W-126	Clark	2,182	91	0	537,675	2973	3.40	246	1.36	180.9	4.6
6	Jamestown	W-162	Clark	1,052	48	0	524,692	3129	3.32	499	2.97	167.7	3.4
7	W Middlesex	W-138	Clark	1,545	59	0	513,121	3090	3.25	332	2.00	166.1	1.4
8	Bedford	D-445	Clark	1,088	46	1	478,009	2106	3.03	439	1.94	227.0	1.4

(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

Rank	Substation	Circuit	District	Avg Cust (1)	Outages (2)	Lock Outs (3)	Customer Minutes (4)	Cust Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
1	Springboro	00237-52	Meadville	3,028	85	0	1,634,599	13,971	2.78	540	4.61	117	10.77
2	Union City	00206-43	Corry	3,958	119	0	1,375,746	13,554	2.34	348	2.83	123	5.8
3	French Road	00551-31	Erie	2,355	39	3	1,311,519	10,156	2.23	557	4.24	131	1.11
4	Warren S	00220-41	Warren	3,044	60	0	1,265,221	11,737	2.15	416	3.59	116	1.84
5	Rolling Meadows	00310-31	Erie	3,114	31	2	1,055,031	7,158	1.79	339	2.07	164	13.04
6	Northeast	00592-31	Erie	1,562	74	0	1,023,009	6,344	1.74	655	4.06	161	4.29
7	French Road	00223-31	Erie	2,021	20	3	959,610	7,649	1.63	475	3.47	137	0.81
8	Madera	00166-22	Philipsburg	2,244	61	1	911,985	5,356	1.55	406	2.38	171	15.1
9	Marienville	00328-51	Oil City	1,234	32	0	772,672	2,687	1.31	626	2.14	293	27.32
10	Reed Street	00547-31	Erie	1,139	3	2	754,518	2,286	1.28	662	2.01	330	0
11	DuBois	00137-23	DuBois	2,789	57	0	727,247	6,994	1.24	261	2.43	107	11.78
12	Two Mile	00127-42	Bradford	1,349	32	0	721,162	2,772	1.23	535	2.05	260	14.98
13	Philipsburg	00162-22	Philipsburg	3,311	77	0	673,103	6,539	1.14	203	1.96	104	8.02
14	Hammett	00504-31	Erie	1,257	34	1	641,407	3,275	1.09	510	2.61	196	12.9
15	French Road	00222-31	Erie	1,995	12	0	628,943	2,784	1.07	315	1.37	230	9.98
16	Erie S	00259-31	Erie	2,348	49	0	546,404	3,891	0.93	233	1.66	140	16.42
17	Samuel Rea Car Shop	00031-71	Altoona	2,310	46	1	533,307	6,531	0.91	231	2.41	96	15.38
18	Mercer Pike	00473-52	Meadville	562	18	0	526,012	1,029	0.89	936	1.83	511	8.43
19	Rolling Meadows	00249-31	Erie	2,215	22	0	525,186	3,358	0.89	237	1.52	156	0
20	Port Allegany	00151-42	Bradford	515	11	1	514,571	1,040	0.88	999	2.02	495	8.95
21	Piney	00523-51	Oil City	1,195	39	0	513,833	3,003	0.87	430	2.35	183	10.62
22	Tiffany	00435-65	Montrose	728	53	1	506,901	2,155	0.86	696	2.94	237	8.73
23	French Road	00221-31	Erie	917	5	3	490,545	3,812	0.83	535	4.16	129	1.03
24	Birmingham	00168-22	Philipsburg	941	55	0	487,211	4,135	0.83	518	4.24	122	11.5
25	Mercer Pike	00474-52	Meadville	469	36	1	479,340	1,097	0.82	1,022	2.34	437	7.74
26	Brooklyn	00749-65	Montrose	507	22	0	463,583	2,944	0.79	914	5	183	13.4
27	Curryville	00644-71	Altoona	1,745	46	0	458,759	3,485	0.78	263	1.35	194	14.09
28	Madera	00167-22	Philipsburg	1,654	54	0	452,714	3,284	0.77	274	1.97	139	11.42
29	Lake Como	00788-65	Montrose	609	34	0	451,368	2,451	0.77	741	4.02	184	44.3
30	Wyalusing	00532-62	Towanda	656	21	2	450,330	2,122	0.77	686	3.23	212	10.72
31	Edinboro	00420-34	Erie	1,867	46	1	450,218	5,275	0.77	241	2.83	85	0.67
32	Connell	00586-31	Erie	2,601	27	4	442,110	11,158	0.75	170	4.29	40	2.04
33	Hooversville	00018-12	Somerset	781	19	0	431,854	1,376	0.73	553	1.58	349	2.5
34	Erie E	00234-31	Erie	1,557	55	0	422,378	2,618	0.72	271	1.51	180	5.6
35	Grover	00527-63	Mansfield	1,136	61	0	417,213	2,173	0.71	367	1.91	192	5.58
36	Brookville W	00121-23	DuBois	776	27	0	415,793	2,547	0.71	536	3.28	163	6.72
37	Church	00426-34	Erie	683	28	2	415,524	1,908	0.71	608	2.79	218	0
38	Greenwood	00001-71	Altoona	1,234	20	2	414,208	2,734	0.70	336	2.22	152	4.38
39	Laurel Lake Sub Tran	00449-65	Montrose	538	40	1	395,216	2,801	0.67	735	4.89	150	31.53
40	Maitland	00149-81	Lewistown	1,315	44	0	389,476	1,759	0.66	296	1.33	222	11.24
41	Russell Hill	00282-65	Tunkhannock	1,064	39	0	382,560	1,466	0.65	360	1.35	267	68.96
42	Marienville	00327-51	Oil City	781	38	0	382,491	815	0.65	490	1.04	469	22.96
43	French Road	00550-31	Erie	767	16	2	373,344	2,757	0.63	487	3.59	135	5
44	Mansfield	00558-63	Mansfield	726	25	1	368,362	1,443	0.63	507	1.99	255	2.53
45	Morgan Street	00233-52	Meadville	875	21	0	367,325	2,355	0.62	420	2.47	170	26.9

Penelec

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46	Grandview	00353-51	Oil City	881	20	1	356,466	1,514	0.61	405	1.72	235	4.89
47	DuBois	00124-23	DuBois	2,092	28	0	354,468	5,571	0.60	169	2.54	67	11.94
48	Tionesta SW Street	00498-51	Oil City	1,104	25	0	354,027	3,005	0.60	321	1.51	212	15.53
49	Thompson	00436-65	Montrose	1,348	57	0	350,071	1,684	0.60	260	1.2	216	26.1
50	Logan	00700-81	Lewistown	1,067	23	1	348,276	2,881	0.59	326	2.7	121	11.65
51	Shawville	00151-21	Clearfield	2,401	56	0	345,819	7,873	0.59	144	2.32	62	18.27
52	Hepburnia	00778-21	Clearfield	700	23	0	344,401	1,104	0.59	492	1.58	312	25.89
53	Emlenton	00322-51	Oil City	461	21	0	339,331	1,496	0.58	736	3.25	227	10.94
54	Tunkhannock	00533-65	Tunkhannock	1,252	47	0	339,301	2,864	0.58	271	1.73	156	14.47
55	Blairsville E	00082-13	Indiana	1,498	54	0	337,314	3,257	0.57	225	1.53	147	0.54
56	Kearsarge	00528-31	Erie	1,709	14	0	336,796	1,388	0.57	197	0.62	319	6.48
57	Athens	00511-61	Sayre	688	30	1	335,372	1,234	0.57	487	1.79	272	1.5
58	Mount Union	00111-82	Huntingdon	932	14	2	333,207	2,313	0.57	358	2.48	144	0.65
59	Lewis Run	00409-42	Bradford	715	34	1	331,927	2,064	0.56	464	2.7	172	48.66

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

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Met-Ed

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1	N Bangor	00826-3	Easton	3,124	84	2	2,952,089	15,718	5.49	945	5.03	188	7.12
2	Clearfield	00631-3	Easton	1,824	25	1	1,670,373	2,836	3.11	916	1.55	589	0
3	Newberry	00576-4	York	2,075	77	4	1,590,961	10,147	2.96	767	4.89	157	4.78
4	N Lebanon	00712-2	Lebanon	2,256	65	6	1,570,889	16,252	2.92	696	7.2	97	12.9
5	Walker	00865-3	Stroudsburg	1,996	46	0	1,569,134	4,165	2.92	786	2.09	377	3.45
6	Birdsboro	00756-1	Reading	1,462	63	3	1,294,248	6,349	2.41	885	4.34	204	11.8
7	Yorkana	00708-4	York	2,622	72	2	1,289,018	11,144	2.40	492	4.25	116	7.02
8	Shawnee	00899-3	Stroudsburg	1,784	47	1	1,281,555	5,622	2.38	718	3.15	228	11.2
9	N Bangor	00813-3	Easton	1,194	40	4	1,269,931	9,893	2.36	1,064	8.29	128	0
10	N Bangor	00838-3	Easton	1,614	30	3	1,202,844	5,722	2.24	745	3.55	210	4.99
11	Yoe	00560-4	York	2,559	24	3	1,193,914	8,001	2.22	467	3.13	149	1
12	Fox Hill	00816-3	Stroudsburg	3,547	48	1	1,164,695	10,308	2.17	328	2.91	113	2.32
13	Shawnee	00895-3	Stroudsburg	3,547	53	0	1,026,103	4,422	1.91	289	1.25	232	3.38
14	Mountain	00743-4	Hanover	1,069	30	0	1,025,426	1,636	1.91	959	1.53	627	1.28
15	Barto	00705-1	Boyertown	2,063	74	1	999,430	5,720	1.86	484	2.77	175	5.55
16	Mountain	00744-4	Hanover	1,795	73	1	988,527	3,778	1.84	551	2.1	262	3.66
17	Carsonia	00764-1	Reading	2,807	40	3	937,512	10,941	1.74	334	3.9	86	3.13
18	Roseto	00119-3	Easton	1,141	8	2	885,416	2,362	1.65	776	2.07	375	0
19	Hamilton	00789-4	Hanover	1,559	39	2	860,086	4,050	1.60	551	2.6	212	8.8
20	N Temple	00542-1	Reading	677	24	0	818,879	2,738	1.52	1,210	4.04	299	5.59
21	N Bangor	00814-3	Easton	1,599	25	2	816,166	4,978	1.52	510	3.11	164	4.11
22	W Reading	00072-1	Reading	2,952	1	0	798,366	813	1.48	270	0.28	982	0
23	Delabole	00036-3	Easton	529	15	1	790,883	1,058	1.47	1,495	2	748	0
24	E Topton	00724-1	Boyertown	1,333	32	3	777,662	5,472	1.45	583	4.11	142	4.64
25	Mountain	00740-4	Hanover	2,375	54	0	756,648	6,433	1.41	319	2.71	118	6.53
26	Shawnee	00822-3	Stroudsburg	2,242	42	2	735,926	5,753	1.37	328	2.57	128	4.93
27	Lynnville	00748-1	Reading	1,125	52	1	733,181	4,065	1.36	652	3.61	180	4.77
28	W Reading	00525-1	Reading	951	5	1	727,491	1,310	1.35	765	1.38	555	3.01
29	Cly	00722-4	York	1,617	34	3	711,747	7,343	1.32	440	4.54	97	2.02
30	S Hamburg	00741-1	Reading	1,643	63	3	708,451	7,742	1.32	431	4.71	92	7.09
31	Pleasantville	00142-1	Boyertown	821	32	1	706,125	1,737	1.31	860	2.12	407	2.93
32	Allen	00503-4	Hanover	1,925	44	2	701,274	5,663	1.30	364	2.94	124	3.85
33	Windsor	00316-4	York	979	22	2	682,598	2,830	1.27	697	2.89	241	5.02
34	Clearfield	00632-3	Easton	863	33	2	662,053	4,607	1.23	767	5.34	144	0
35	Raintree	00642-4	York	1,526	37	3	647,111	5,051	1.20	424	3.31	128	4.53
36	Moselem	00782-1	Reading	1,975	32	0	640,810	3,830	1.19	324	1.94	167	11.6
37	Yorkana	00715-4	York	2,198	72	2	637,752	7,255	1.19	290	3.3	88	5.25

(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 Met-Ed's SAIDI.

(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 Section (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

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
1	Camp Reynolds	W-134	*Performance driven by one long duration non-preventable tree outage during a severe storm.*			
			Engineering field review of the section of circuit served by the switch and to complete any reliability improvement work identified.	To be completed 3Q 2007		
2	Conneaut	W-174	*Performance driven by one long duration non-preventable tree outage during a severe storm.*			
			Engineering field review of the section of circuit served by the switch and to complete any reliability improvement work identified.	To be completed 3Q 2007		
3	W Pittsburg	D-391	*Performance driven by one long duration non-preventable tree outage during a severe storm.*			
			Engineering field review of the main feed and to complete any reliability improvement work identified.	To be completed 3Q 2007		
4	Stoneboro	W-130	*Performance driven by one long duration lightning caused outage during a severe storm.*			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. Replace lightning arrestors and a transformer. Install animal guards and cutouts.	Complete	Jul-07	
5	Hartstown	W-126	*Performance driven by two outages downstream of a recloser station. One outage was caused by a vehicle accident and the other outage was caused by a line failure.*			
			Engineering field review of the section of circuit served by a recloser	Complete	May-06	
			Complete reliability improvement work downstream of the recloser, including the replacement of lightning arrestors and a transformer. Install animal guards and cutouts.	Complete	Jul-07	
			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 3Q 2007		
			Engineering circuit coordination review	Complete	Jan-07	
			Complete reliability improvement work associated with coordination review, including the replacement of reclosers.	Complete	Jul-07	
			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
6	Jamestown	W-162	*Performance driven by three non-preventable tree-caused outages downstream of a recloser station and a fuse station.*			
			Engineering field review of the section of circuit served by the recloser and complete any reliability improvement work identified.	Engineering review completed and construction to be completed 3Q 2007		
			Engineering field review of the section of circuit served by the fuse and complete any reliability improvement work identified.	Engineering review completed and construction to be completed 3Q 2007		
			Complete full-cycle tree clearing in 2007	Under contract		
7	W Middlesex	W-138	*Performance driven by four long-duration outages: one due to a line failure, one due to a vehicle accident, one due to a tree non-preventable and another due to an object in contact with the primary conductor. Outages were downstream from three different fuse locations.*			
			Engineering field review of the section of circuit served by the fuse and complete any reliabiltiy improvement work identified.	To be completed 3Q 2007		
			Engineering field review of the section of circuit served by three fuses	Complete	Feb-07	
			Complete reliability improvement work at the three fuse locations, including the replacement of lightning arrestors / cutouts and installation of additional cutouts and animal guards.	Complete	Jun-07	
			Complete full-cycle tree clearing in 2007	Complete	Apr-07	
8	Bedford	D-445	*Performance driven by one long duration non-preventable tree outage during a severe storm.*			
			Engineering field review of main feed and the section of circuit served by the fuse and complete any reliability improvement work identified.	To be completed 3Q 2007		
	Perry	W-156	*Performance driven by one very long non-preventable tree outage and one outage caused by line failure.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Complete reliability improvement work on the main feed and at two fuse locations, including replacement of lightning arrestors, a transformer and installation of additional cutouts.	Complete	Jun-06	
			Complete reliability improvement work at five fuse locations. Replace lightning arrestors and cutout and animal guard installation.	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
1	Springboro	00237-52	*Performance was driven by outages caused by minor storms and confirmed tornado.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Coordinate line regulating equipment	Complete	Aug-06	
			Repair damage to line caused by non-preventable tree and minor storm	Complete	Dec-06	
			Repair damage to line caused by tornado	Complete	May-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007		
2	Union City	00206-43	*Performance was driven by outages caused by minor storms, non-preventable tree-caused damage, pole fire and vehicle accident.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install mainline tap fuses	Complete	Jul-06	
			Repair damage to line caused by minor storm and non-preventable tree	Complete	Dec-06	
			Repair damaged equipment	Complete	Feb-07	
3	French Road	00551-31	*Performance was driven by car-pole accident and minor storm.*			
			Repair damage to pole	Complete	Mar-07	
			Repair damage to line caused by minor storm	Complete	Apr-07	
4	Warren S	00220-41	*Performance was driven by storms, non-preventable tree-caused damage, vandalism and a car-pole accident.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			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	
			Repair damage to line caused by storms	Complete	Jun-07	
5	Rolling Meadows	00310-31	*Performance was driven by two failed underground cable events, minor storm, foreign object in line and loss of supply.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage to line caused by minor storm	Complete	Dec-06	
			Loss of supply caused by foreign object	Complete	Feb-07	
			Replace failed underground cable	Complete	May-07	
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007		
6	Northeast	00592-31	*Performance was driven by minor storm and non-preventable tree-caused damage.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			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	
			Repair damage to line caused by minor storm	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
7	French Rd	00223-31	*Performance driven by failed equipment and minor storm.*			
			Coordination improvements	Complete	Jan-07	
			Repair UG switch	Complete	Mar-07	
			Repair damage to line caused by minor storm	Complete	Apr-07	
8	Madera	00166-22	*Performance was driven by outages caused by conductor failure.*			1Q 2006 2Q 2006 3Q 2006 2Q 2007
			Repair failed conductor	Compete	May-07	
9	Marienville	00328-51	*Performance was driven by minor storm damage and by non-preventable tree-caused damage.*			
			Complete full-cycle tree trimming in 2006	Complete	Sep-06	
			Review tree conditions and complete trimming identified	Complete	Oct-06	3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage to line caused by non-preventable tree and minor storm	Complete	Dec-06	
10	Reed St	00547-31	*Performance was driven by equipment failures.*			
			Replace dead-end insulators	Complete	Sep-06	
			Replace failed substation switch	Complete	Dec-06	
11	DuBois	00137-23	*Performance was driven by minor storm damage, non-preventable tree-caused damage, cutout and arrester failure and human error - non company.*			
			Install mainline tap fuses	Complete	Dec-06	
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06	1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage from underground dig-in	Complete	Jun-07	
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007		
12	Two Mile	00127-42	*Performance was driven by minor storm, non-preventable tree-caused damage and animal contact.*			
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06	
			Install reclosers	Complete	Dec-06	
			Repair damage from bird contact	Complete	Jun-07	
13	Philipsburg	00162-22	*Performance was driven by minor storm damage.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install mainline tap fuses	Complete	Jan-07	
			Repair damage to line, caused by non-preventable trees and minor storm	Complete	Jun-07	
14	Hammett	00504-31	*Performance was driven by minor storm damage, broken crossarms and non-preventable tree-caused damage.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage to line caused by minor storm and non-preventable tree	Complete	Oct-06	
			Install reclosers	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
15	French Rd	00222-31	*Performance was driven by equipment failure and circuit miscoordination.*			
			Replace failed insulator	Complete	Dec-06	
			Change circuit open point to reduce exposure	Complete	May-07	
16	Erie S	00259-31	*Performance was driven by equipment failure and pole fire*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Reconductor and convert 4 kV to 34.5 kV. Load transfer was done in lieu of reconductoring	Complete	Aug-06	
			Infrared inspection and replace arrestors and cutout	Complete	Oct-06	
			Install reclosers	Complete	Nov-06	
			Replace crossarms	Complete	Jan-07	
			Repair damage to pole from pole fire caused by failed dead-end	Complete	Jun-07	
17	Samuel Rea Car Shop	00031-71	*Performance was driven by failed equipment and circuit overload.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Balance load on circuit in field	Complete	Aug-06	
			Repair damage to line caused by minor storm and non-preventable tree	Complete	Dec-06	
			Install additional circuit at the substation to reduce loading on existing circuits and reduce exposure.	Complete	Jun-07	
18	Mercer Pike	00473-52	*Performance was driven by minor storm.*			
			Repair damage to line cased by non-preventable tree	Complete	Dec-06	
			Repair damage to line from tornado	Complete	May-07	
19	Rolling Meadows	00249-31	*Performance was driven by equipment failure and summer heat load.*			1Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Replace failed cutouts	Complete	Aug-06	
			Reconfigure circuit and shift load to Green Garden	Complete	Jun-07	
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007		
20	Port Allegany	00151-42	*Performance driven by minor storm*			
			Repair damage to line caused by minor storm	Complete	Jun-07	
21	Piney	00523-51	*Performance was driven by summer heat load, car-pole accident and minor storm.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install upgraded fusing	Complete	Aug-06	
			Repair damage to pole	Complete	Nov-06	
			Complete full-cycle tree clearing in 2007	Complete	Apr-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
22	Tiffany	00435-65	*Performance was driven by equipment failure and minor storm damage.*			
			Replace damaged conductor caused by minor storm	Complete	Apr-07	
			Full circuit coordination and recloser installation	To be completed 3Q 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
23	French Rd	00221-31	*Performance driven by car-pole accident and minor storm.*			
			Repair damage to pole	Complete	Mar-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
24	Birmingham	00168-22	*Performance was driven by failed equipment and minor storms.*			
			Repair damaged conductor	Complete	Feb-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
25	Mercer Pike	00474-52	*Performance was driven by outages caused by a confirmed tornado.*			
			Repair damage to line caused by tornado	Complete	May-07	
26	Brooklyn	00749-65	*Performance was driven by line failure caused from minor storm damage.*			
			Replace damaged conductor	Complete	Apr-07	
27	Curryville	00644-71	*Performance was driven by phase-to-phase contact, equipment failure and a car-pole accident.*			
			Re-sag conductor	Complete	Jan-07	
			Repair damage to pole	Complete	Jan-07	
28	Madera	00167-22	*Performance was driven by failed equipment, non-preventable tree-caused damage, minor storms and accidental customer contact.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Engineering circuit coordination review	Complete	Oct-06	
			Install mainline tap fuses	Complete	Dec-06	
			Repair damage to line caused by customer contact	Complete	Apr-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
			Complete full cycle tree clearing in 2007	To be completed 3Q 2007		
29	Lake Como	00788-65	*Performance was driven by flooding and non-preventable tree-caused damage.*			
			Repair damage to line caused by non-preventable tree	Complete	Mar-07	
			Repair damage to line caused by flooding and minor storm	Complete	Mar-07	
			Repair damage to line caused failed equipment	Complete	Mar-07	
30	Wyalusing	00532-62	*Performance was driven by equipment failure and minor storm damage.*			
			Replace failed arrestor	Complete	Jul-06	
			Repair damage to line caused by minor storm	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**
31	Edinboro	00420-34	*Performance was driven by animal contact equipment failure and non-preventable tree-caused damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install animal guards	Complete	Nov-06	
			Install mainline tap fuses	Complete	Nov-06	
			Repair damage to line caused by non-preventable tree	Complete	May-07	
			Repair damaged equipment	Complete	May-07	
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007		
32	Connell	00586-31	*Performance was driven by pole fire and non-preventable tree-caused damage.*			
			Replace pole and all hardware	Complete	Oct-06	
			Repair damage to line caused by non-preventable tree	Complete	Mar-07	
33	Hooverville	00018-12	*Performance was driven by failed equipment and non-preventable tree-caused damage.*			
			Install recloser and disconnect switches	Complete	Feb-07	
			Repair failed dead-end and damage to line caused by non-preventable trees	Complete	Apr-07	
34	Erie E	00234-31	*Performance was driven by minor storm and equipment failure.*			1Q 2006 2Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage to line caused by minor storm and replace failed equipment	Complete	Oct-06	
			Install reclosers	Complete	Oct-06	
			Install mainline tap fuses	Complete	Mar-07	
35	Grover	00527-63	*Performance was driven by non-preventable trees caused damage, animal contact and equipment failures.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage to line caused by minor storm and non-preventable trees and replace equipment	Complete	Jun-06	
			Review tree conditions and complete tree 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-07	
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007		
36	Brookville W	00121-23	*Performance was driven by minor storm damage and vehicle-caused damage.*			2Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage to line caused by vehicle	Complete	Aug-06	
			Repair damage to line caused by minor storm	Complete	Dec-06	
			Install mainline tap fuses	Complete	Dec-06	
			Repair damage to line caused by minor storm	Complete	Jun-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
37	Church	00426-34	*Performance was driven by minor storm damage, failed cutouts, crossarms and non-preventable tree-caused damage.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			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 replace failed cutouts and crossarms.	Complete	Nov-06	
			Repair damage to line caused by non-preventable tree and minor storm	Complete	Dec-06	
38	Greenwood	00001-71	*Performance was driven by crossarm failure and a lightning strike.*			
			Replace crossarm and damaged conductor caused by equipment failure and a lightning strike.	Complete	May-07	
39	Laurel Lake Sub Tran	00449-65	*Performance was driven by minor storm and non-preventable tree-caused damage.*			
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06	
40	Maitland	00149-81	*Performance was driven by line and equipment failure.*			
			Replace damaged conductor and dead - ends	Complete	Mar-07	
			Replace damaged conductor	Complete	Jun-07	
41	Russell Hill	00282-65	*Performance was driven by animal contact, non-preventable tree-caused damage and a car-pole accident.*			1Q 2006 2Q 2006 4Q 2006 1Q 2007 2Q 2007
			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	
42	Marienville	00327-51	*Performance was driven by minor storm and non-preventable tree-caused damage.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06	
			Install mainline tap fuses	Complete	Dec-06	
43	French Rd	00550-31	*Performance driven by equipment failure.*			
			Repair sectionalizing device	Complete	Oct-06	
			Repair conductor	Complete	Mar-07	
44	Mansfield	00558-63	*Performance was driven by equipment failures.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Review circuit for protection	Complete	Oct-06	
			Install switches and fusing	Complete	Feb-07	
45	Morgan Street	00233-52	*Performance was driven by confirmed tornado.*			
			Repair damage to line caused by a tornado	Complete	May-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
46	Grandview	00353-51	*Performance was driven by failed equipment and non-preventable tree-caused damage.*			
			Repair damage to line caused by non-preventable trees	Complete	Aug-06	
			Repair pole damage	Complete	Mar-07	
47	DuBois	00124-23	*Performance was driven by car-pole accident, lightning and failed equipment.*			
			Install tap fuses and reclosers	Complete	Oct-06	
			Replace failed stepdown transformer	Complete	Nov-06	
			Repair and relocate recloser caused by lightning damage	Complete	May-07	
48	Tionesta SW St	00498-51	*Performance was driven by minor storm damage, failed conductor, failed cutouts and non-preventable tree-caused damage.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 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	
			Repair damage to line caused by minor storm	Complete	Apr-07	
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007		
49	Thompson	00436-65	*Performance was driven by non-preventable tree-caused damage and contractor construction contact.*			
			Review tree conditions and complete trimming identified	Complete	Oct-06	
			Install reclosers and fusing	Complete	Oct-06	
			Complete full-cycle tree clearing in 2007	To be completed 3Q 2007		
50	Logan	00700-81	*Performance was driven by non-preventable tree-caused damage and minor storms.*			
			Complete full-cycle tree clearing in 2007	Complete	Jan-07	
			Repaire damage to line caused by minor storms and non-preventable tree	Complete	Jun-07	
51	Shawville	00151-21	*Performance was driven by line failure.*			
			Repair damaged conductor	Complete	Jun-07	
52	Hepburnia	00778-21	*Performance was driven by minor storm and line failure.*			
			Repair damaged conductor	Complete	Dec-06	
			Repair damage to line caused by minor storm damage	Complete	Jun-07	
53	Emlenton	00322-51	*Performance was driven by minor storm and non-preventable tree-caused damage.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install mainline tap fuses	Complete	Jun-06	
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06	
54	Tunkhannock	00533-65	*Performance was driven by equipment failure.*			
			Install tap fuses	Complete	Oct-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**
			Replace failed transformer	Complete	Jun-07	
55	Blairsville E	00082-13	*Performance was driven by minor storms.*			
			Repair damage to line caused by minor storm	Complete	Apr-07	
			Install mainline tap fuses	Complete	May-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
56	Kearsarge	00528-31	*Performance was driven by minor storm and loss of supply.*			
			Repair damage to line caused by minor storm.	Complete	Apr-07	
57	Athens	00511-61	*Performance was driven by non-preventable tree-caused damage.*			
			Repair damage to line caused by non-preventable tree	Complete	Jul-06	
			Install reclosers and complete full circuit coordination	Complete	Nov-06	
58	Mount Union	00111-82	*Performance was driven by non-preventable tree-caused damage and failed equipment.*			
			Install animal guards	Complete	May-06	
			Repair failed conductor	Complete	Oct-06	
			Repair damage to line caused by non-preventable tree	Complete	Oct-06	
59	Lewis Run	00409-42	*Performance was driven by minor storm.*			
			Install mainline tap fuses	Complete	Jan-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
	Bellwood N	00635-22	*Performance was driven by failed equipment, animal contacts and minor strom.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Replace insulators and arrestors and install contacts	Complete	Jun-06	
			Install animal guards	Complete	Nov-06	
			Install mainline tap fuses	Complete	Dec-06	
	Philipsburg	00164-22	*Performance was driven by non-preventable tree-caused damage and insulator failure.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Repair damage to line caused by non-preventable trees and replacement of crossarm	Complete	Mar-06	
			Review tree conditions and complete trimming identified	Complete	Mar-06	
			Install reclosers	Complete	Mar-06	
			Replace poles	Complete	Apr-06	
			Complete full-cycle tree clearing in 2006	Complete	Sep-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
	Page Rd	00445-43	*Performance was driven by minor storm damage and by non-preventable tree-caused damage.*			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	
	Hammett	00502-31	*Performance was driven by non-preventable tree-caused damage.*			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 non-preventable trees	Complete	Oct-06	
			Install mainline tap fuses	Complete	Dec-06	
			Install reclosers	Complete	Dec-06	
	Powell Ave	00513-31	*Performance was driven by blown fuses and non-preventable tree-caused damage.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Engineering circuit coordination review	Complete	Dec-05	
			Review tree conditions and complete trimming identified.	Complete	Jan-06	
			Install reclosers	Complete	Mar-06	
			Repair line and transformer failure.	Complete	Jul-06	
	Morgan St	00479-52	*Performance was driven by failed equipment and car-pole accident.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Replace cutouts	Complete	Apr-06	
			Replace pole	Complete	Jul-06	
			Complete full-cycle tree clearing in 2006	Complete	Sep-06	
			Engineering circuit coordination review	Complete	Nov-06	
	Rachel Hill	00049-11	*Performance was driven by non-preventable tree-caused damage and a car-pole accident.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Install reclosers	Complete	Jan-06	
			Engineering circuit coordination review	Complete	Mar-06	
			Complete full-cycle tree clearing in 2006	Complete	Jun-06	
			Install mainline tap fuses	Complete	Dec-06	
	Ralphton	00015-12	*Performance was driven by minor storm and non-preventable tree-caused damage.*			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	
	Somerset	00013-12	*Performance driven by minor storm.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair damage to line caused by minor storm	Complete	May-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
	Crown	00319-51	*Performance was driven by failed conductor and non-preventable tree-caused damage.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Engineering circuit coordination review	Complete	Jan-06	
			Repair damage to line caused by non-preventable tree and repair conductor	Complete	Jun-06	
			Complete full-cycle tree clearing in 2006	Complete	Nov-06	
			Install reclosers	Complete	Dec-06	
			Install mainline tap fuses	Complete	Dec-06	
	Lake Como	00787-65	*Performance was driven by non-preventable trees and equipment failure.*			4Q 2005 1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair non-preventable tree-caused damage	Complete	Sep-06	
			Repair sectionalizing device	Complete	Mar-07	
	Tiffany	00440-65	*Performance was driven by non-preventable trees and equipment failure.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Review tree conditions and complete trimming identified	Complete	Aug-06	
			Repair damaged insulator	Complete	Feb-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
1	N Bangor	00826-3	*Performance was driven by non-preventable trees, equipment and line failure related outages.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install 3 phase recloser	Complete	Sep-06	
			Complete full-cycle tree clearing in 2006	Complete	Dec-06	
			Increase step bank capacity	Complete	Dec-06	
			Install mainline sectionalizer	Complete	Jun-07	
			Install additional fusing	Complete	May-07	
2	Clearfield	00631-3	*Performance was driven by non-preventable tree-caused outages.*			
			Replace failed recloser	Complete	Apr-07	
			Replace failed substation recloser	Complete	Jun-07	
			Perform circuit patrol on 825 line	To be completed 3Q 2007		
			Review animal protection at Clearfield	To be completed 4Q 2007		
			Install additional fusing	To be completed 4Q 2007		
3	Newberry	00576-4	*Performance was driven by non-preventable trees.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 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	
4	N Lebanon	00712-2	*Performance was driven by vehicle accident, tree, 3 equipment problems (arrester, insulator, & cutout) & animal.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Upgrade Main Line Switch	Complete	May-06	
			Recloser Control Upgrade	Complete	Jun-06	
			Install Additional Tap Fuses	To be completed 3Q 2007		
			Install additional animal protection	To be completed 3Q 2007		
			Crossarm and crossarm brace Replacements	To be completed 3Q 2007		
			Main line switch replacement	To be completed 3Q 2007		
			Reconfigure circuit to minimize exposure	To be completed 4Q 2007		
5	Walker	00865-3	*Performance was driven by non-preventable trees, overloads and equipment related outages.*			
			Replace overloaded fuse	Complete	Jan-07	
			Install 3 phase recloser	Complete	Jun-07	
			Install additional fusing	Complete	Jun-07	
			Complete full-cycle tree clearing in 2007	Complete	May-07	
			Replace single-phase recloser	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
6	Birdsboro	00756-1	*Performance was driven by trees (5) and wires down at multiple locations during storm.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Main line patrol	Complete	Jul-06	
			Crossarm and Pole replacements identified on patrol	Complete	Jul-06	
			Install fuse-bypass switch	Complete	Sep-06	
			Install additional tap fuses	Complete	Oct-06	
			Spot tree trimming/removals	Complete	Oct-06	
			Install additional tap fuses	Complete	Nov-06	
			Spot mainline forestry inspection	Complete	Jan-07	
			Upgrade mainline recloser	Complete	Feb-07	
			Spot mainline forestry inspection	Complete	Apr-07	
			Spot Tree Trimming and Removals	Complete	Jun-07	
			Spot forestry inspection single-phase tap	Complete	Jun-07	
			Spot tree removals 1ph tap	To be completed 3Q 2007		
			Negotiate main line right of way expansion with state and local authorities	In Progress		
7	Yorkana	00708-4	*Performance driven by a single outage caused by a broken tap and recloser transformer failure during a lightning storm*			
			Replace source recloser transformer	Complete	Jun-07	
			Tree patrol and spot trimming if necessary	To be completed 4Q 2007		
			Perform circuit patrol	To be completed 1Q 2008		
			Install additional fuses	Complete	Jun-07	
8	Shawnee	00899-3	*Performance was driven by non-preventable trees, equipment and line failure related outages.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Increase step bank capacity	Complete	Dec-06	
			Install additional fusing	Complete	May-07	
			Install recloser	Complete	Jun-07	
			Install sectionalizer	Complete	Jun-07	
9	N Bangor	00813-3	*Performance was driven by non-preventable trees, equipment failure, lightning, and vehicle related outages.*			2Q 2006 4Q 2006 1Q 2007 2Q 2007
			Complete full-cycle tree clearing in 2007	Complete	Jun-07	
			Replace failed recloser	Complete	Mar-07	
			Install 3 phase recloser	To be completed 3Q 2007		
			Install additional fusing.	To be completed 3Q 2007		
10	N Bangor	00838-3	*Performance was driven by non-preventable trees, equipment failure, and lightning related outages.*			
			Install sectionalizer	To be completed 4Q 2007		
			Install recloser	To be completed 4Q 2007		
			Install additional fusing	To be completed 3Q 2007		
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
11	Yoe	00560-4	*Performance driven by outages caused by vehicle contact*			1Q 2006 4Q 2006 1Q 2007 2Q 2007
			Transfer line segments to new substation with additional line recloser	Complete	Jun-07	
			Install additional fuses	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
12	Fox Hill	00816-3	*Performance was driven by overload, non-preventable tree and equipment related outages.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 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	Complete	May-07	
			Install sectionalizer	Complete	Jun-07	
			Convert 2 areas from 4.8 to 34.5 kV	To be completed 4Q 2007		
			Install additional fusing	Complete	May-07	
13	Shawnee	00895-3	*Performance was driven by equipment failure, car-pole accidents, and non-preventable tree-related outages.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install fusing	Complete	Apr-06	
			Install 2 reclosers	To be completed 4Q 2007		
			Install additional fusing	Complete	May-07	
14	Mountain	00743-4	*Performance driven by non-preventable trees caused outages*			
			Comprehensive tree clearing	Complete	Dec-06	
			Install additional fusing	Complete	Apr-07	
			Install additional reclosers	Complete	Apr-07	
			Forestry Perform Danger Tree Patrol entire circuit	To be completed 3Q 2007		
			Off row danger tree removal	To be completed 4Q 2007		
15	Barto	00705-1	*Performance was driven by lightning-caused outage, anchor guy problem in extremely wet conditions and tree related outages*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Spot tree trimming	Complete	Aug-06	
			Install fuse-bypass switch	Complete	Sep-06	
			Install animal protection	Complete	Sep-06	
			Install and 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	Complete	Jun-07	
			Tap fuse reconfiguration	Complete	Jun-07	
16	Mountain	00744-4	*Performance driven by non-preventable tree-caused outages*			1Q 2006 2Q 2006 4Q 2006 1Q 2007 2Q 2007
			Comprehensive tree clearing	Complete	Dec-06	
			Forestry to patrol Mainline for danger trees	Complete	Jun-07	
			Install additional fuses	Complete	Apr-07	
			Install recloser	Complete	Apr-07	
			Forestry complete danger tree patrol entire circuit	To be completed 3Q 2007		
			Danger tree removal	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
17	Carsonia	00764-1	*Performance was driven by equipment problem (solid disconnects), contractor dig-in (Farming Ridge Development), tree and 2 circuit breaker problems.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install main line recloser	Complete	Oct-06	
			Install additional fusing	Complete	Oct-06	
			Comprehensive tree trimming	Complete	Dec-06	
			Replace substation circuit breaker	Complete	Dec-06	
			Upgrade mainline recloser	Complete	May-07	
			Upgrade solid disconnects	To be completed 3Q 2007		
			Tap fuse upgrades	To be completed 3Q 2007		
18	Roseto	00119-3	*Performance was driven by non-preventable tree-caused outages.*			
			Complete full-cycle tree clearing	To be completed 4Q 2008		
			Install 2 reclosers	To be completed 4Q 2007		
19	Hamilton	00789-4	*Performance driven by non-preventable tree-caused outages and lightning*			
			Forestry to patrol 3 PH mainline for danger trees	Complete	Jun-07	
			Danger tree removal	To be completed 4Q 2007		
20	N Temple	00542-1	*Performance was driven by trees (3) during storms and vehicle.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Spot forestry patrols	Complete	Jul-06	
			Spot tree trimming/vine removal	Complete	Aug-06	
			Install additional tap fuse	Complete	Jan-07	
21	N Bangor	00814-3	*Performance was driven by non-preventable tree and equipment failure related outages.*			
			Install 5 cutouts and fuses	Complete	Oct-06	
			Install lightning arrestor	Complete	Oct-06	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
22	W Reading	00072-1	*Performance was driven by secondary network cable failure.*			
			Secondary cable repairs	Complete	Oct-06	
23	Delabole	00036-3	*Performance was driven by line failure, fire, and non-preventable tree related outages.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install single-phase sectionalizer	Complete	May-07	
			Install additional fusing.	Complete	Jul-07	
24	E Topton	00724-1	*Performance was driven by broken cutout/arrester, and vehicle accidents.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 2Q 2007
			Reconfigure Circuit/Minimize exposure	Complete	Jun-07	
			Install additional tap fuses	To be completed 3Q 2007		
			Replace crossarms	To be completed 3Q 2007		
			Replace additional lightning arresters	To be completed 3Q 2007		
25	Mountain	00740-4	*Performance driven by equipment failures (40%) and animal contact caused outages (21%).*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 2Q 2007
			Comprehensive tree clearing	Complete	Dec-06	
			Forestry to patrol Mainline for danger trees	Complete	Jun-07	
			Mainline danger tree removal	To be completed 4Q 2007		
			Install animal guard	Complete	Jan-07	
			Install additional fuses	Complete	May-07	
			Repair all critical items identified on circuit patrol	Complete	Jan-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
26	Shawnee	00822-3	*Performance driven by non-preventable tree, equipment failure and lightning-related outages.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair failed recloser	Complete	Nov-06	
			Install additional fusing	Complete	May-07	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
27	Lynnville	00748-1	*Performance driven by vehicle, wire down, temporary condition during snow/ice event and lightning*			
			Install mainline fusing	Complete	Oct-06	
			Install additional fusing	To be completed 4Q 2007		
28	W Reading	00525-1	*Performance driven by equipment damage due to lightning.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Conductor and transformer repairs	Complete	Jul-06	
			Install lightning protection	Complete	Jun-07	
			Install fuse-bypass switch	To be completed 3Q		
29	Cly	00722-4	*Performance driven by non-preventable tree-caused outages*			
			Comprehensive tree clearing	Complete	Apr-07	
			Install additional fuses	Complete	May-07	
			Install fault indicators	Complete	May-07	
			Install recloser	Complete	May-07	
30	S Hamburg	00741-1	*Performance driven by broken insulator, broken crossarm and vehicle.*			
			Comprehensive tree trimming	In progress – 51% complete at end of 2Q 2007		
			Install fuse-bypass switches	To be completed 3Q 2007		
			Install tap fusing	To be completed 3Q 2007		
			Install Additional Disconnects and Fault Indicators on Mainline	To be completed 3Q 2007		
			Pole replacements	To be completed 3Q 2007		
			Comprehensive circuit patrol	To be completed 2Q 2008		
31	Pleasantville	00142-1	*Performance driven by wire down and trees.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Conductor repairs	Complete	Dec-06	
			Install additional tap fuses	Complete	Mar-07	
			Comprehensive tree trimming	Complete	Apr-07	
			Mainline reconductoring	Complete	May-07	
32	Allen	00503-4	*Performance driven by a pole failure during a lightning storm and lightning damage*			
			Comprehensive tree clearing	Complete	Apr-07	
			Install additional fuses	Complete	May-07	
			Install recloser	Complete	May-07	
			Review lightning protection	To be completed 4Q 2007		
33	Windsor	00316-4	*Performance driven by a car-pole accident and a lightning caused outage*			
			Install recloser on the line	Complete	May-07	
			Install additional fuses	Complete	May-07	
			Install additional lightning arrestors	To be completed 3Q 2007		
			Transfer portion of 316 line to 530 line	To be completed 3Q 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
34	Clearfield	00632-3	*Performance was driven by non-preventable tree-caused outages, causing a loss of supply.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install fusing at various locations	Complete	Jun-06	
			Install animal guards	Complete	Jul-06	
			Replace fuses	Complete	Oct-06	
			Replace failed transformers	Complete	Nov-06	
			Perform circuit patrol on 825 line	To be completed 3Q 2007		
35	Raintree	00642-4	*Performance driven by one vehicle contact*			
			Install additional fuses	Complete	May-07	
			Install single phase tie capacity	Complete	May-07	
			Install additional recloser	Complete	May-07	
36	Moselem	00782-1	*Performance driven by broken insulator due to lightning and broken cutout.*			
			Install animal protection	Complete	Oct-06	
			Install tap fusing	Complete	Nov-06	
			Install mainline overhead fault indicators	Complete	Feb-07	
			Install additional tap fusing	Complete	Feb-07	
			Install 2 additional mainline reclosers	Complete	Jun-07	
			Install additional animal protection	To be completed 3Q 2007		
37	Yorkana	00715-4	*Performance driven by two non-preventable tree cause outages and one lightning outage.*			
			Patrol the circuit for trees and spot trim were necessary	To be completed 3Q 2007		
			Install additional fuses	Complete	Jun-07	
			Install additional reclosers	Complete	Jun-07	
	Birchwood	00622-3	*Performance was driven by non-preventable trees, vehicle, overloads and equipment failure related outages.*			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	Complete	May-07	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
	Birchwood	00623-3	*Performance was driven by equipment failure and animal related outages*			1Q 2006 2Q 2006 3Q 2006 4Q 2006
			Install triple/single recloser	Complete	Sep-06	
			Install fusing at various locations	Complete	Feb-07	
			Install additional fusing	Complete	May-07	
			Install additional triple/single recloser	Complete	May-07	
			Complete full-cycle tree clearing	Complete	Sep-06	
	Northwood	00643-3	*Performance was driven by lightning and line failure related outages.*			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	Complete	Jun-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**
	Barto	00706-1	*Performance was driven by non-preventable tree-caused outages.*			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		
	Shawnee	00837-3	*Performance was driven by non-preventable tree and equipment failure related outages.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install additional fusing	Complete	May-07	
			Install sectionalizer	Complete	May-07	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
	Shawnee	00860-3	*Performance was driven by tree and equipment failure related outages.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install additional fusing	Complete	Mar-07	
			Install 3 phase recloser	Complete	May-07	
			Install sectionalizer	Complete	May-07	
	Bath	00873-3	*Performance was driven by vehicle accidents, line failure and lightning related outage.*			1Q 2006 2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install 3-phase recloser	Complete	May-07	
			Install additional fusing	Complete	May-07	
			Replace deteriorating crossarms	Complete	Jun-06	
			Complete full-cycle tree clearing in 2006	Complete	Dec-06	
	Bern Church	00789-1	*Performance was driven by non-preventable tree-caused outages.*			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 Development	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		

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				
2Q 2007 12-Month Rolling	**Penn Power**			
Cause	**Customer Minutes**	**Number of Sustained Interruptions**	**Customers Affected**	**% Based on Number of Outages**
Unknown	2,176,495	727	24,342	21.25%
Trees Non-Preventable	8,093,335	557	46,347	16.28%
Equipment Failure	3,489,046	474	32,820	13.86%
Lightning	2,211,380	366	12,014	10.70%
Animal	912,337	323	15,343	9.44%
Line Failure	3,176,409	302	23,873	8.83%
Overload	434,290	219	5,779	6.40%
Bird	224,738	143	3,230	4.18%
Vehicle	1,602,819	110	10,393	3.22%
Human Error - Non-Company	242,214	49	2,520	1.43%
Forced Outage	316,652	43	7,783	1.26%
Previous Lightning	46,326	37	308	1.08%
Trees Preventable	410,115	16	3,550	0.47%
Object Contact With Line	79,955	14	443	0.41%
Human Error - Company	11,292	12	228	0.35%
Underground Dig-Up	13,588	11	93	0.32%
Customer Equipment	4,956	5	38	0.15%
Fire	8,800	4	58	0.12%
Wind	23,444	3	21	0.09%
Contamination	210	2	3	0.06%
Ice	488	2	3	0.06%
Switching Error	51,741	1	1,617	0.03%
Vandalism	331	1	1	0.03%
Total	**23,530,961**	**3,421**	**190,807**	**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.

Penn Power's 2nd Quarter 12-Month Rolling "Unknown" was 21.25%, which resulted in an improvement of over 30% as compared to the 1st Quarter, which was 30.88%.

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.

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 showed 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.

Outages by Cause – Penelec

Outages by Cause				
2Q 2007 12-Month Rolling	**Penelec**			
Cause	**Customer Minutes**	**Number of Sustained Interruptions**	**Customers Affected**	**% Based on Number of Outages**
Equipment Failure	27,284,909	3,525	269,548	28.82%
Trees Non-Preventable	26,787,971	1,770	176,720	14.47%
Unknown	8,643,133	1,689	124,817	13.81%
Animal	3,360,217	1,333	43,462	10.90%
Lightning	5,589,509	1,016	46,271	8.31%
Line Failure	9,878,693	801	88,496	6.55%
Vehicle	6,353,740	410	49,294	3.35%
Bird	1,186,943	327	12,472	2.67%
Overload	2,159,051	281	25,295	2.30%
Previous Lightning	224,239	194	1,615	1.59%
Wind	2,634,644	164	8,636	1.34%
Trees Preventable	728,523	133	5,974	1.09%
Human Error - Non-Company	663,703	121	12,828	0.99%
Forced Outage	732,050	105	9,894	0.86%
Underground Dig-Up	307,934	66	2,993	0.54%
Object Contact With Line	1,375,454	56	9,043	0.46%
Contamination	79,549	50	599	0.41%
Fire	469,582	47	3,709	0.38%
Other Electric Utility	39,814	45	1,201	0.37%
Human Error - Company	310,058	39	22,540	0.32%
Customer Equipment	29,028	28	520	0.23%
Ice	30,245	13	102	0.11%
Other Utility – Non-Electric	120,471	10	1,123	0.08%
Vandalism	97,543	8	1,563	0.07%
Call Error	51,363	2	712	0.02%
Total	**99,138,366**	**12,233**	**919,427**	**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.

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.

Unknown Outages

Some 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.

Outages by Cause – Met-Ed

Outages by Cause				
2Q 2007 12-Month Rolling	**Met-Ed**			
Cause	**Customer Minutes**	**Number of Sustained Interruptions**	**Customers Affected**	**% Based on Number of Outages**
Equipment Failure	26,326,130	2,177	238,933	22.26%
Unknown	15,093,856	1,893	178,815	19.36%
Animal	4,331,435	1,496	52,283	15.30%
Trees Non-Preventable	32,149,447	1,386	164,074	14.17%
Lightning	11,109,284	824	72,856	8.43%
Line Failure	10,515,218	565	63,663	5.78%
Vehicle	8,910,551	329	56,693	3.36%
Trees Preventable	2,396,382	300	16,433	3.07%
Overload	2,397,455	224	25,745	2.29%
Forced Outage	2,231,332	155	57,232	1.59%
Human Error - Non-Company	579,684	101	11,138	1.03%
Bird	40,474	58	480	0.59%
Underground Dig-Up	261,771	58	1,075	0.59%
Previous Lightning	133,674	49	803	0.50%
Human Error - Company	296,094	45	7,666	0.46%
Fire	565,737	27	5,626	0.28%
Customer Equipment	110,696	21	1,113	0.21%
Contamination	24,562	15	167	0.15%
Wind	36,755	15	85	0.15%
Ice	79,880	11	832	0.11%
Object Contact With Line	105,164	10	1,675	0.10%
Vandalism	345,390	9	1,804	0.09%
Other Utility-Non Electric	31,254	3	687	0.03%
Switching Error	58,589	3	1,510	0.03%
Call Error	419	2	2	0.02%
Other Electric Utility	1,269	2	6	0.02%
Total	**118,132,502**	**9,778**	**961,396**	**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 2Q 2007			Penn Power			Penelec			Met-Ed		
			Planned	Completed		Planned	Completed		Planned	Completed	
			Annual	2Q	YTD	Annual	2Q	YTD	Annual	2Q	YTD
Forestry[a]	Transmission (Miles)		27	29	35	764	39	66	363	103	175
	Distribution (Miles)		1,593	256	651	4,590	730	1,434	2,872	615	1,190
Transmission	Aerial Patrols		2	1	1	2	1	1	2	1	1
	Groundline Inspections[b]		0[c]	0	0	3,068	0	0	527	0	0
Substation	General Inspections		1,020	256	510	5,495	1,375	2,748	2,892	725	1,445
	Transformers		123	46	120	679	180	526	418	237	328
	Breakers		17	4	11	278	47	203	180	27	68[d]
	Relay Schemes		171	39	88	471	176	432	320	53	165
Distribution	Capacitor Inspection		870	3	870	8,163	744	8,163	4,045	0	4,045
	Pole Inspections		13,119	7,410	10,902	46,052	22,964	30,719	27,585	9,753	17,838
			Planned	**Completed**		**Planned**	**Completed**		**Planned**	**Completed**	
	Recloser Inspection (quarterly)	1Q	623	623		2,061	2,061		905	811	
		2Q	623	623		2,061	2,149		905	827[e]	
		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	871		17	17	
		2nd half 2007				871			17		

(a) Bulk of maintenance work to be performed during the 3rd and 4th quarters. All work is scheduled to be completed by year-end 2007.
(b) Transmission groundline inspections:
- Transmission groundline inspections started 3Q and are on schedule to be completed by year-end 2007.
- Penn Power includes 138 and 69 kV
- Penelec includes 345, 230, 138, and 115 kV
- Met-Ed includes 230, 115 and 69 kV

(c) Penn Power's Plan reflects accelerated groundline inspections from previous years.
(d) Met-Ed's breaker inspections are performed in the spring and fall. All breaker inspections are scheduled to be completed by year-end 2007.
(e) Met-Ed inspected all of the reclosers that were in service for each of the first two quarters of 2007. Lower number of recloser inspections is a result of a change to the Annual Plan.

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 (2Q and YTD June 2007)						
Company	**PUC Category**	**2Q Actual**	**2Q Budget**	**YTD Actual**	**YTD Budget**	**Annual Budget**
Penn Power	Corrective Maintenance	349,856	460,987	1,479,403	907,621	1,815,600
	Preventive Maintenance	114,473	46,837	258,596	93,673	190,116
	Storms	620,958	255,232	667,167	490,613	987,754
	Vegetation Management	685,703	1,150,419	2,200,265	2,300,838	4,601,677
	Miscellaneous	1,340,810	1,402,587	1,931,943	2,725,082	5,159,604
	Operations	659,673	585,788	1,398,611	1,171,093	2,422,531
Penn Power Total		**3,771,473**	**3,901,850**	**7,935,985**	**7,688,920**	**15,177,282**
Penelec	Corrective Maintenance	1,083,512	1,928,848	1,946,430	3,797,400	7,644,572
	Preventive Maintenance	937,753	1,408,303	1,916,940	2,768,656	5,576,868
	Storms	1,371,923	1,180,272	810,340	2,114,751	4,191,269
	Vegetation Management	2,718,283	3,270,352	4,654,905	6,540,704	13,081,407
	Miscellaneous	6,335,813	3,948,505	11,564,902	7,587,692	15,413,265
	Operations	5,347,258	5,732,463	11,753,905	11,091,758	22,660,959
Penelec Total		**17,794,542**	**17,468,743**	**32,647,422**	**33,900,961**	**68,568,340**
Met-Ed	Corrective Maintenance	2,350,072	1,685,119	3,530,358	3,348,771	6,711,542
	Preventive Maintenance	611,043	903,666	1,248,545	1,801,647	3,603,295
	Storms	1,882,058	1,237,531	2,151,169	2,449,801	4,899,603
	Vegetation Management	2,843,389	3,124,421	5,436,406	6,248,842	12,497,683
	Miscellaneous	4,295,123	3,580,396	7,873,864	6,857,952	14,097,575
	Operations	4,501,134	4,444,554	8,425,336	8,502,809	17,756,112
Met-Ed Total		**16,482,819**	**14,975,687**	**28,665,678**	**29,209,822**	**59,565,810**
Grand Total		**38,048,834**	**36,346,280**	**69,249,085**	**70,799,703**	**143,311,432**

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.
- 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 (actual and budget)
  - Removed MISO Network Integration Transmission Service expenses from Penn Power (actual and budget)
- T&D O&M defintions:
  - 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 – 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.

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) (2Q and YTD June 2007)						
Company	**PUC Category**	**2Q Actual**	**2Q Budget**	**YTD Actual**	**YTD Budget**	**Annual Budget**
Penn Power[a]	New Business	1,664,668	1,546,054	3,404,349	2,686,876	6,409,734
	Reliability[b]	1,101,578	3,530,421	2,444,344	6,098,046	12,233,969
	Capacity	1,728,360	1,053,714	2,504,819	2,720,221	3,259,669
	Miscellaneous	333,752	182,579	903,004	571,347	1,085,654
	Forced	775,658	998,292	1,290,174	1,587,898	3,176,422
	Vegetation Management	338	85,457	12,763	170,107	335,524
Penn Power Total		**5,604,354**	**7,396,517**	**10,559,453**	**13,834,495**	**26,500,972**
Penelec	New Business	4,535,131	5,999,319	10,093,891	10,546,060	20,785,660
	Reliability	7,726,736	8,214,172	13,196,050	13,561,431	23,410,671
	Capacity	1,889,720	1,710,969	3,383,183	3,884,441	5,798,869
	Miscellaneous	3,110,578	1,732,299	5,900,780	5,117,503	9,233,839
	Forced	4,962,262	7,502,244	8,872,730	13,528,041	28,006,884
	Vegetation Management	1,147,633	753,190	2,260,058	1,484,792	3,074,976
Penelec Total		**23,372,060**	**25,912,193**	**43,706,692**	**48,122,268**	**90,310,899**
Met-Ed	New Business	6,451,214	6,304,428	13,034,844	12,527,837	25,959,628
	Reliability[c]	9,776,253	6,359,236	14,489,392	11,452,643	19,729,925
	Capacity	11,319,425	7,480,724	15,356,971	15,916,765	22,951,673
	Miscellaneous	931,656	1,143,916	2,649,766	3,044,006	5,586,850
	Forced	2,048,341	2,169,149	3,582,519	3,986,914	8,636,257
	Vegetation Management	336,242	145,696	489,600	285,580	608,133
Met-Ed Total		**30,863,131**	**23,603,149**	**49,603,092**	**47,213,745**	**83,472,466**
Grand Total		**59,839,545**	**56,911,859**	**103,869,237**	**109,170,508**	**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.

[b] Penn Power is underspent in reliability due to a planned delay in the purchase of materials and equipment for the replacement radio system project, which will be purchased in the 3rd quarter. The combined year-to-date labor and contractor expenditures for Penn Power's capital program are on budget.

[c] Met-Ed was authorized to exceed budget for reliability projects for distribution system reliability projects.

General Notes:

- Capital dollars are net of Contribution In Aid of Construction ("CIAC") amounts and exclude facilities costs (i.e. buildings).
- T&D Capital defintions:
  - 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 – 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.

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					
Department	**Staff**	**1Q**	**2Q**	**3Q**	**4Q**
Line	Leader / Chief	30	29		
	Lineman	48	61		
Substation	Technician	6	6		
	Construction & Maintenance (C&M)	15	14		
	Total[a]	**99**	**110**		

[a] Penn Power's overall headcount has increased due to the following:

- Graduation of first Power Systems Institute ("PSI") class.
- External hires for new Transmission Line crews.
- External hires from Duquesne Light & Power PSI School.

Penelec					
Department	**Staff**	**1Q**	**2Q**	**3Q**	**4Q**
Line	Leader / Chief	150	148		
	Lineman	154	167		
Substation	Technician[a]	0	0		
	Construction & Maintenance (C&M)	76	78		
	Total[b]	**380**	**393**		

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

[b] Penelec's overall headcount has increased from 1Q 2007 due to graduation of the first PSI Class.

Met-Ed					
Department	**Staff**	**1Q**	**2Q**	**3Q**	**4Q**
Line	Leader / Chief	58	58		
	Lineman	151	155		
Substation	Technician	15	14		
	Construction & Maintenance (C&M)	56	54		
	Total	**280**	**281**		

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	*Penn Power*	*Penelec*	*Met-Ed*
1Q	99.4%	99.3%	99.2%
2Q	99.7%	99.3%	99.5%
3Q			
4Q			

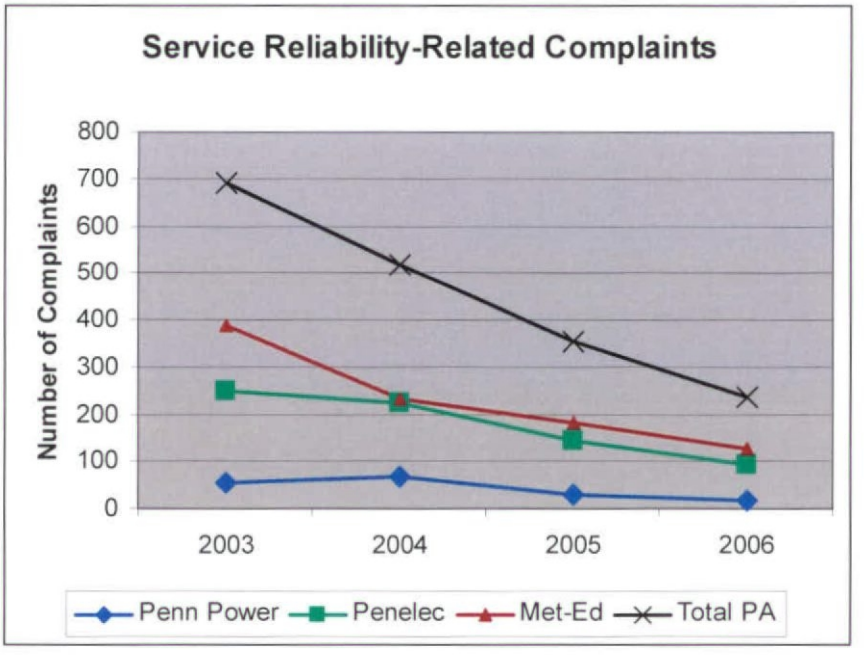
Settlement Provision #8: The FirstEnergy Companies will conduct local meetings about reliability, with notices targeted to areas previously reporting numerous power outage or reliability complaints, and which focus on updating the customers on reliability projects and circuit performance. These local 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 2nd quarter of 2007 the Companies conducted the following number of reliability meetings: none for Penn Power, five 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 Attachments A1 and A2 of this report.

- Attachment A1 includes reports on meetings conducted in the 2nd quarter of 2007.
- Attachment A2 includes reports on meetings conducted previous to the 2nd quarter of 2007 and for which there are action items that are still outstanding or were completed in the 2nd quarter.

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

ATTACHMENT A1

Local Reliability Meeting Reports

Meetings Conducted in the 2nd Quarter 2007

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	WSEE - CBS Affiliate Television Station
Location:	WSEE Headquarters at West 12th & Peach Street, Erie, PA
Date/Time:	April 4, 2007
Penelec Circuit:	Television Complex Distribution Circuit
Penelec Attendees:	Dan Heher (Area Manager)
Public Attendees:	Jeff Filipkowski, John Wilkosz, and Dan Nungesser

Background / Issues

WSEE lost service feed to their transmission tower on April 1st due to a bad URD cable. The tower was then fed off the back up feed and restored to service. Reliability of circuit was reviewed and the cable was replaced.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Replace secondary cable	Erie Line		2Q 2007

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Saint Vincent Health Center
Location:	Saint Vincent Health Center
Date/Time:	May 16, 2007 at 2:00 p.m.
Penelec Circuit:	FVV & FVR Circuits
Penelec Attendees:	Dan Heher (Area Manager) and Jim Wimer
Public Attendees:	Paul Matters and Dennis O'Brian

Background / Issues

Saint Vincent Hospital lost one of its service feeds in the latter part of April and had reliability concerns. The circuit reliability issues were satisfactorily reviewed and the communication issues were updated and resolved to the hospital's satisfaction.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Develop a new communication plan to better serve the hospital's needs	D. Heher & J. Wimer	5/22/07	5/22/07

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Millcreek Township Transmission Maintenance Program
Location:	Millcreek Township Municipal Building & Public Broadcast of Presentation on Public Access Television
Date/Time:	May 22, 2007 at 7:00 p.m. and rebroadcast numerous times on Public Access Television
Penelec Circuit:	Penelec Transmission Lines in Millcreek Township
Penelec Attendees:	Dan Heher (Area Manager) and Paul Olszewski (Forrester)
Public Attendees:	Part of Millcreek Township Supervisors Meeting

Background / Issues

There were concerns raised by residents of Millcreek Township regarding Penelec/First Energy transmission tree trimming practices. A presentation was made about tree trimming / tree removal and how this is used to improve reliability performance. Contact information and handouts were also made available to the public.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Address issues from Millcreek Township residents	D. Heher		2Q 2007

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Falls Creek Borough
Location:	Sandy Township Building- DuBois, PA
Date/Time:	June 28, 2007 at 3:00 p.m.
Penelec Circuit:	00710-23 Falls Creek Circuit
Penelec Attendees:	John Shimko
Public Attendees:	Mayor Leonard Larkin

Background / Issues

Residents raised concerns about the frequency of intermittent outages and one lengthy outage in May. We explained the cause of the May outage and the steps taken to reduce momentary outages (tree trimming and animal guarding). The Borough is satisfied and has committed to working with Penelec on any future issues as they develop.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Address reliability concerns of the borough	John Shimko	6/28/07	6/28/07

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Westwood Borough
Location:	Johnstown - Partnership meeting
Date/Time:	June 28, 2007 at 5:30 p.m.
Penelec Circuit:	Woodmont
Penelec Attendees:	D. Platt
Public Attendees:	Sally Seargent

Background / Issues

We discussed flicker problems associated with circuit and equipment damages. The customer is located at the end of a 4 kV system. Voltage recorders were placed at the last house on circuit. These voltage recorders indicated the voltage was within an acceptable range. The customer is satisfied. Additionally, we advised customer of the ongoing tree trimming program.

Action Plan

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

ATTACHMENT A2

Local Reliability Meeting Reports

Meetings Conducted Prior to the 2nd 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	3Q 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:
Install overhead 69 kV line from West Washington substation to Grant Street substation.	John Wittmann, Engineering Supervisor	Year-End 2008	
Complete the loop by installing overhead 69 kV line from Grant Street substation to Hillcrest substation.	John Wittmann, Engineering Supervisor	Year-End 2009	
Maintenance (if necessary)	Jim Visingardi, Operations Manager	2007	

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Millcreek Township / 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 Road 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.	Engineering & Line		
• Install conduit		4Q 2006	Dec 2006
• Pull wire / complete job		2Q 2007	June 2007

Met-Ed

Public Meeting Report

Meeting Information

Municipality/Group:	Cornwall Borough, North Cornwall Township and residents
Location:	533 Zinns Mill Road
Date/Time:	October 17, 2005
Met-Ed Circuit:	780-2
Met-Ed Attendees:	Dan Logar
Public Attendees:	Priscilla Miller, Mr. & Mrs. Joe Schott, Representative Gingrich & Zug, Senator Brightbill, Cornwall Borough, and North Cornwall Township 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 • 75% complete • Tap into the transmission line, energize the substation, complete job	Greg Gillotti	4Q 2006 2Q 2007	4Q 2006 Substation energized 5/17/07

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)
Met-Ed Circuit:	Windsor and School Lane Substations
Met-Ed 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 Boulevard
Date/Time:	December 22, 2006
Met-Ed Circuit:	00476
Met-Ed 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.

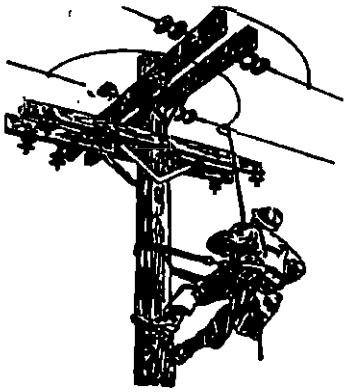
Some customers affected by the flickering lights condition were moved to another line. However the problem will persist and impact a significant number of customers until the corrective equipment is installed.

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 Representatives 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	The Static VAR Compensator was installed on May 31, 2007.

Note: Faulty controls were repaired to function properly. As of July 6, 2007, the equipment is still being adjusted to achieve the desired results.



CITIZENS' ELECTRIC COMPANY

1775 INDUSTRIAL BLVD • P.O. BOX 551 • LEWISBURG, PA 17837-0551 • (570) 524-2231 • FAX: (570) 524-5887

October 17, 2007

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Mr. James J. McNulty, Secretary
Pennsylvania Public Utility Commission
PO Box 3265
Harrisburg, PA 17105-3265

Dear Mr. McNulty,

Enclosed please find an original and six copies of the Third Quarter, 2007 Reliability Report for Citizens' Electric Company.

Please contact me at 570-522-6143 or kelchnerj@citizenselectric.com if I can answer any questions.

~~A-110050~~
L-00030161

Sincerely,

John A. Kelchner

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John A. Kelchner, PE
Vice President, Engineering & Operations

cc: Pennsylvania Office of Consumer Advocate
Pennsylvania Office of Small Business Advocate
Darren Gill (via email)

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OCT 23 2007

Citizens' Electric Company
Quarterly Service Reliability Report
Third Quarter, 2007

Prepared by John A. Kelchner, PE
Vice President of Engineering & Operations
570-522-6143
kelchnerj@citizenselectric.com
October 17, 2007

§ 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.

On July 25th, a pin insulator supporting a phase conductor on a crossarm failed, interrupting service to 1,266 customers. Service was restored to 1,137 customers within 77 minutes. The remaining 129 customers were restored within 196 minutes of the interruption. The failed insulator was installed on October 3, 2006 and had been in service less than ten months. It showed no predisposition to failure prior to this outage.

Date	Time First Call Received	Duration of Event (Minutes)	# of Customers Affected	Cause
7/25/2007	2:04 AM	196	1,266	Equipment Failure

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OCT 23 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.

Index	Rolling 12-Month Value for Quarter	Benchmark	Rolling 12-Month Standard	Rolling 3-Yr Avg. Standard
SAIFI	0.28	0.21	0.27	0.22
SAIDI	17	21	38	25
CAIDI	60	105	141	115

Total # of Customers Served	# of Interruptions	# of Customers Affected	Customer Minutes
6,706	69	1,865	111,487

The following outages were submitted for exclusion as Major Events during the preceding 12-month period and are not included in the above calculations:

Date	# of Customers Affected	Customer Minutes
3/19/2007	947	98,488
5/10/2007	882	46,904
7/25/2007	1,266	112,833

§ 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.

Outage Cause	Number of Interruptions	% of Interruptions	Number of Customers Affected	Customer Interruption Minutes
On R/W Trees	0	0	0	0
Animals	27	39.1	434	20,832
Equipment	15	21.7	75	5,925
Off R/W Trees	2	2.9	4	175
Weather	16	23.2	439	31,059
Vehicle	6	8.7	893	52,107
Other	3	4.3	20	1,389
Total	69		1865	111,487

Discussion

A vehicle outage on June 17th is the largest contribution of outage minutes again this quarter. This outage occurred when a vehicle left the roadway at 1:06 AM and struck a pole, breaking it and interrupting service to 311 customers. Most customers were restored in 84 minutes. On June 19th, a concrete truck working in a residential area snagged a telephone line and broke a pole. This interrupted service to 480 customers. 446 of these customers were restored within 27 minutes.

An increase in the number of small outages caused by squirrels and birds this summer has pushed our SAIFI index slightly above our standard and our benchmark. We are continuing to aggressively install wildlife protection in an effort to reduce animal induced outages and we are hopeful the downward trend which began this quarter will continue.

Orange & Rockland
a conEdison, inc. company
(845) 577-3341

Orange and Rockland Utilities, Inc.
390 West Route 59
Spring Valley NY 10977-5300
www.oru.com

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October 29, 2007

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OCT 29 2007

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Pennsylvania Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265

Attention: Secretary James J. McNulty

Re: Third Quarter 2007 Quarterly Report for Pike County Light and Power
PUC Docket No. L-00030161; Rulemaking Re Amending Electric Service Reliability Regulations At 52 Pa. Code Chapter 57

Dear Secretary McNulty:

Pike County Light & Power Company ("Pike") hereby submits six copies of its Third Quarter 2007 quarterly report as set forth in the Pennsylvania Public Utility Commission's ("Commission, PUC") Docket No. L-00030161 adopted Rulemaking Re Amending Electric Service Reliability Regulations At 52 Pa. Code Chapter 57 ("Order"). As such, Pike's quarterly reporting requirements, as set forth in Section 57.195(e) (1) (2) and (5) of the Order, are enclosed.

Please contact me if you have any questions regarding this report or require any additional information.

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Very truly yours,

Timothy Garvin

Timothy T. Garvin
Manager
Performance & Operational Engineering
Pike County Light and Power
(Orange and Rockland Utilities, Inc.)

cc: Office of Consumer Advocate
Office of Small Business Advocate

Enclosures

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Pike County Light and Power Company

(Orange and Rockland Utilities, Inc.)

Quarterly Reliability Report

Third Quarter 2007

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SECRETARY'S BUREAU

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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.

3rd Quarter 2007 Major Events

Date	Time	Circuit	Cause	Duration	Customers Affected	Cust Min of Interruption
2007/07/14	22:31:00	104-01-13	Storm	Various	601	21,108

3rd Quarter 2007 Pre-Arranged Outages

Date	Time	Circuit	Cause	Duration	Customers Affected	Cust Min of Interruption
2007/08/02	13:56:00	L07-06-34	Pre-Arranged	4 minutes	2	8
2007/09/14	23:43:00	L07-06-34	Pre-Arranged	Various	272	11,696

§ 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.

Interruption Data Rolling 12-Month Data

Year	Quarter	Customers Served	Interruptions	Customers Affected	Customer-Mins of Interruption
2006	4th	4,461	66	5,192	736,870
2007	1st	4,450	59	4,780	560,420
2007	2nd	4,439	57	3,176	510,915
2007	3rd	4,428	52	2,403	404,744

Performance Ratios - Rolling 12-Month Data

	Frequency SAIFI	Resotration CAIDI	Duration SAIDI
Benchmark	0.61	174	106
12-Month Standard	0.82	235	194

Year	Quarter	Frequency SAIFI	Resotration CAIDI	Duration SAIDI
2006	4th	1.16	142	165
2007	1st	1.07	117	126
2007	2nd	0.72	161	115
2007	3rd	0.54	168	91

Data on this page *includes* the 1/15/06 Major Event that was denied and has been appealed.

§ 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.

Third Quarter 2007
Cause Analysis
Rolling 12 Months Data
*Excludes Storms, Major Events, Pre-Arrranged

Cause	Number of Interr. Rolling 12 Mth.	Number of Interr. Rolling 12 Mth. (%)	Customers Affected Rolling 12 Mth.	Customers Affected Rolling 12 Mth. (%)	Customer Min. Interr. Rolling 12 Mth.	Customer Min. Interr. Rolling 12 Mth. (%)
Animal Contact	4	7.7%	395	16.4%	45,853	11.3%
Tree Contact	24	46.2%	781	32.5%	221,414	54.7%
Overload	0	.0%	0	.0%	0	.0%
Work Error	0	.0%	0	.0%	0	.0%
Equip. Failure	12	23.1%	570	23.7%	36,232	9.0%
Non-Comp Acc.	3	5.8%	31	1.3%	14,084	3.5%
Custmr Problem	0	.0%	0	.0%	0	.0%
Lightning	3	5.8%	168	7.0%	15,043	3.7%
Unknown-Other	6	11.5%	458	19.1%	72,118	17.8%
All Causes	52	100.0%	2,403	100.0%	404,744	100.0%

Paul E. Russell
Associate General Counsel

PPL
Two North Ninth Street
Allentown, PA 18101-1179
Tel. 610.774.4254 Fax 610.774.6726
perussell@pplweb.com

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October 30, 2007

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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

Re: PPL Electric Utilities Corporation
Quarterly Reliability Report for the
Period Ended September 30, 2007
Docket No. L-00030161

Dear Mr. McNulty:

Enclosed for filing on behalf of PPL Electric Utilities Corporation ("PPL Electric") are an original and five (5) copies of PPL Electric's Quarterly Reliability Report for the Period Ended September 30, 2007. Also enclosed, in a sealed envelope, is a copy of the report containing competitively sensitive and proprietary information. The Company hereby requests that the Commission treat that information and the report containing the information as privileged and confidential. The report is being filed pursuant to the Commission's Final Rulemaking Order adopted May 7, 2004 in the above-captioned docket.

Pursuant to 52 Pa. Code § 1.11, the enclosed document is to be deemed filed on October 30, 2007, which is the date it was deposited with an overnight express delivery service as shown on the delivery receipt attached to the mailing envelope.

In addition, please date and time-stamp the enclosed extra copy of this letter and return it to me in the envelope provided.

If you have any questions regarding this document, please call me or Joseph M. Kleha, PPL Electric's Manager-Regulatory Projects at (610) 774-4486.

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Very truly yours,

Paul E. Russell

Enclosures

cc: Elizabeth H. Barnes, Esquire
Mr. Darren Gill
Mr. Daniel Searforce

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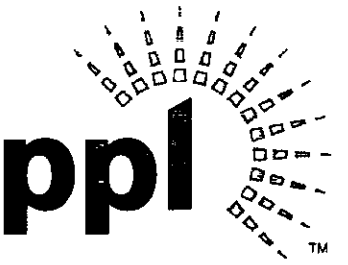

PPL Electric Utilities

PPL Electric Utilities Corporation
Quarterly Reliability Report
to the
Pennsylvania Public Utility Commission

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October 2007

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

(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.***

There were no events during this quarter that met the criteria for a major event.

(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.***

The following table provides data for the 12 months ended September 30, 2007.

SAIFI (Benchmark = 0.98; Rolling 12-month Std. = 1.18)	1.127
CAIDI (Benchmark = 145; Rolling 12-month Std. = 174)	151
SAIDI (Benchmark = 142; Rolling 12-month Std. = 205)	170
MAIFI[1]	6.487
Average Number of Customers Served[2]	1,369,258
Number of Sustained Customer Interruptions (Trouble Cases)	21,010
Number of Customers Affected[3]	1,543,783
Customer Minutes of Interruptions	232,714,793
Number of Customer Momentary Interruptions	8,881,988

During the 3rd quarter, there was one (1) PUC-reportable storm (≥2,500 customers interrupted for ≥6 hr.) and eight (8) storms that were not reportable, but which did require opening one or more area emergency centers to manage restoration efforts. Current storm experience remains extraordinary compared to historical norms.

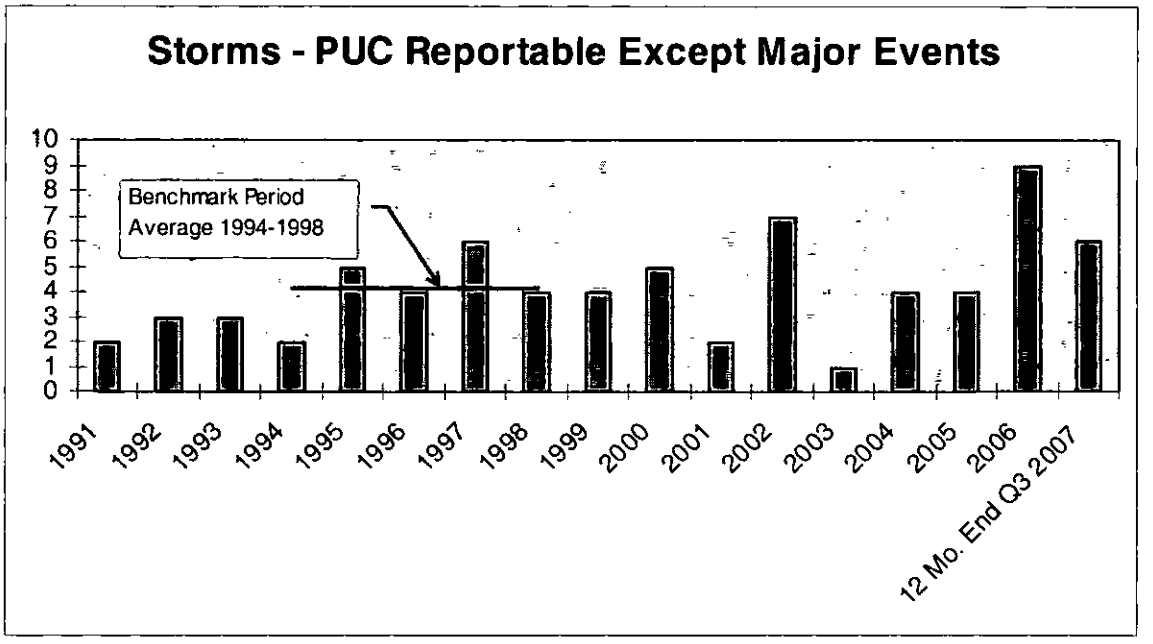
---

[1] MAIFI data is obtained at the substation breaker and does not include momentary interruptions at lower level devices.

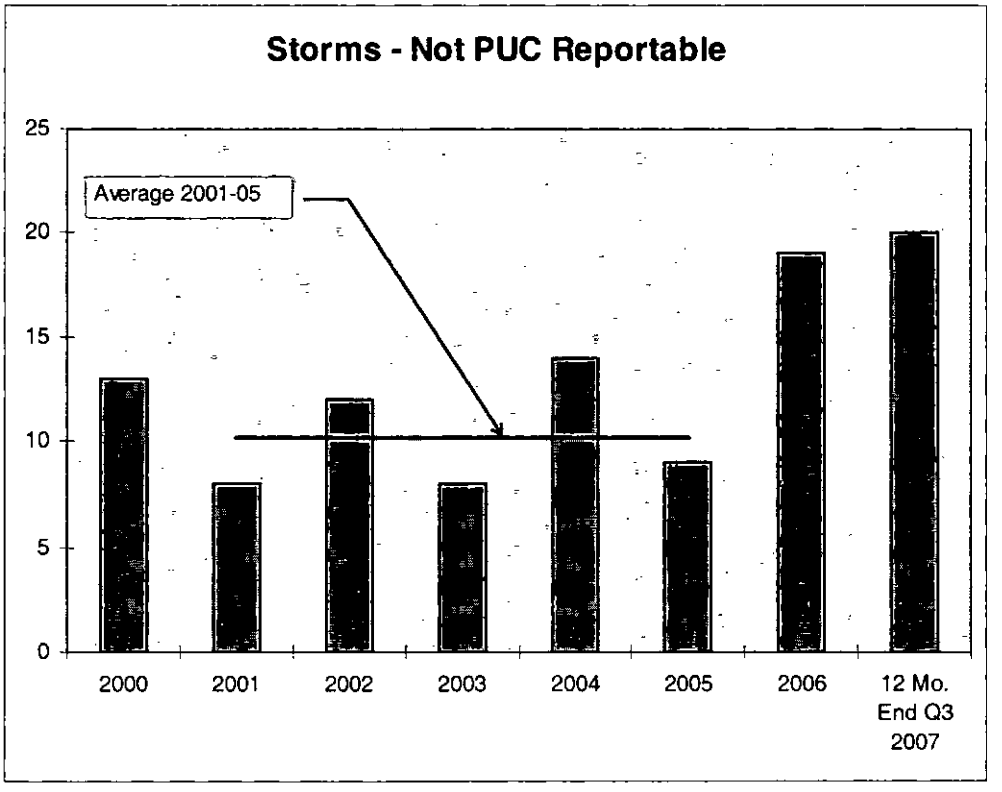
[2] PPL Electric calculates the annual indices using customers served at the end of the period. This is consistent with the method used to calculate PPL Electric's benchmarks.

[3] The data reflects the number of customers interrupted for each interruption event summed for all events, also known as customer interruptions. If a customer is affected by three separate cases of trouble, that customer represents three customer interruptions, but only one customer interrupted.

Specifically, during the twelve-month reporting period, there were six (6) PUC-reportable storms (≥2,500 customers interrupted for ≥6 hr.). This is well above the average of 4.2 storms per year during the benchmark years, 1994-1998.



In addition, there were twenty (20) storms that were not reportable, but which did require opening one or more area emergency centers to manage restoration efforts. This is 96% higher than the average of 10.2 storms per year for the five years from 2001 through 2005.



(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

The following table provides reliability index values for the worst performing 5% of the circuits in the system for the 12 months ended at the current quarter[4]. An explanation of how PPL Electric defines its worst performing circuits is included in Appendix A[5].

WPC Rank	Feeder ID	SAIFI	CAIDI	SAIDI	MAIFI[6]	Customers	Cases of Trouble[7]	Customer Minutes Interrupted	CPI
1	26604	6.78	348	2,360	6.18	1,147	47	2,706,839	1,551
2	45102	1.82	1,708	3,105	11.38	181	6	561,995	1,113
3	60603	5.79	208	1,204	4.10	2,088	68	2,514,503	1,074
4	28302	4.81	265	1,275	11.08	2,810	85	3,582,075	995
5	10803	2.48	425	1,057	8.17	153	12	161,686	941
6	23604	1.12	2,177	2,437	8.02	2,522	29	6,145,349	897
7	57401	4.74	132	626	0.00	1,683	35	1,053,322	888
8	57303	4.58	86	396	46.56	334	15	132,144	879
9	27203	4.80	91	435	9.05	473	13	205,978	860
10	64202	4.39	159	699	6.29	996	46	696,469	856
11	28301	4.75	162	771	7.20	2,830	92	2,181,535	819
12	26602	4.28	172	735	5.09	2,983	126	2,192,515	818
13	64802	4.64	92	429	0.00	1,253	34	537,764	804
14	12402	4.02	204	821	6.12	1,355	41	1,112,006	786
15	45101	1.01	2,042	2,054	11.07	162	4	332,827	775
16	42503	3.38	266	902	7.31	2,012	23	1,814,256	772
17	15601	5.18	213	1,101	22.61	836	42	920,378	760
18	40101	4.45	135	602	0.99	2,143	35	1,289,583	754
19	23603	2.04	891	1,820	3.02	308	4	560,566	747
20	60104	4.99	86	431	0.00	2,044	41	879,957	747
21	64203	4.33	74	319	39.92	1,305	27	416,921	726
22	12902	2.40	501	1,204	0.00	760	32	914,687	714
23	22406	3.10	286	887	14.17	945	39	838,618	664
24	53301	3.20	67	215	4.15	584	14	125,538	659

[4] One feeder (15401 with 13 customers) that the calculation method identified among the worst performing due to a data error was deleted from this listing.

[5] The new CPI calculation, which was used for the first time in the 2nd quarter of 2007, results in higher absolute CPI values than the formula previously used. As a result, these CPI values may not be compared to those calculated prior to the 2nd quarter of 2007.

[6] MAIFI data is obtained at the substation breaker and does not include momentary interruptions at lower level devices.

[7] Cases of trouble are the number of sustained customer service interruptions.

WPC Rank	Feeder ID	SAIFI	CAIDI	SAIDI	MAIFI[6]	Customers	Cases of Trouble[7]	Customer Minutes Interrupted	CPI
25	10502	3.97	52	207	2.99	858	23	177,195	656
26	53602	4.38	111	486	4.15	3,361	100	1,633,719	644
27	42301	1.64	804	1,319	4.04	853	38	1,125,288	635
28	16403	3.50	205	717	9.21	801	13	574,544	624
29	27901	3.11	229	710	1.03	1,234	34	876,379	622
30	15701	3.02	154	464	9.08	2,233	50	1,036,209	621
31	22601	3.23	221	713	3.02	1,965	49	1,401,739	603
32	28601	2.49	533	1,330	13.02	2,072	43	2,755,935	582
33	16402	3.92	130	511	10.83	859	24	438,909	577
34	13502	5.06	115	583	9.03	1,573	36	916,302	572
35	45303	4.04	101	409	12.26	1,289	40	527,469	562
36	56802	3.10	180	558	19.05	2,243	62	1,250,480	555
37	16405	3.55	83	293	7.46	313	12	91,796	550
38	13501	2.72	267	727	6.14	1,495	28	1,086,475	549
39	14703	2.55	97	246	10.07	2,338	32	576,000	548
40	16401	3.25	166	538	7.00	682	29	366,783	543
41	67401	3.47	121	419	10.26	1,373	66	574,930	542
42	52401	2.86	198	567	12.08	1,740	79	987,154	538
43	10802	2.85	238	677	2.00	1,087	30	736,423	529
44	17901	4.75	154	731	22.82	663	18	484,514	524
45	27101	2.89	219	632	4.10	2,676	104	1,690,397	521
46	20601	4.00	179	716	6.15	1,401	51	1,002,993	499
47	59202	2.48	239	592	7.18	2,258	86	1,337,249	492
48	53902	1.90	508	967	8.04	1,101	45	1,064,963	490
49	10602	3.86	102	395	0.00	1,924	45	759,886	485
50	48302	3.00	234	702	11.12	1,637	39	1,149,140	481
51	27503	2.64	211	557	5.11	2,244	66	1,249,564	471
52	40503	3.14	164	515	11.10	2,296	61	1,183,219	470
53	13605	3.03	231	699	2.00	2,059	16	1,438,462	465
54	18801	3.78	78	295	8.27	1,642	22	485,078	454
55	14706	1.00	915	915	3.00	1	1	915	451

PPL Electric's Circuit Performance Index ("CPI") is derived from the frequency and duration of service interruptions that occurred during the specified time period. Improving a circuit's CPI depends upon reducing either the service interruption frequency or the duration of interruptions, or both. When a new circuit appears among the 5% worst performing, the first step undertaken is to perform a "circuit outage data analysis." This consists of analyzing the actual service interruptions which occurred during the time span to determine if there are causal patterns, or geographic patterns, for which corrective actions are feasible that would improve the circuit's CPI.

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

Rank	*Action*	*Status*	*Due/Complete*	*Result*
1	**Circuit ID: 26604 BROOKSIDE 66-04**			**Location: Scranton** **CPI: 1550**
	3/31/2006: Expanded Operational Review.	Completed	6/30/2006	Voltage Profile Completed 06/15/2006. Reliability Profile Completed 06/30/2006
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
2	**Circuit ID: 45102 CASS 51-02**			**Location: Central** **CPI: 1110**
	7/11/2006: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/31/2006	2 significant outages contributed to a very high CAIDI.
	9/25/2006: Evaluate potential ties. Tie from Marlin 71-03 to Cass 51-02 to serve from alternate source being evaluated.	Completed	5/31/2007	Feed from alternate source is feasible.
	5/31/2007: Extend additional phase conductor from Marlin 71-3 line for 1 mile, extend 3 phases 2000 ft. to Cass 51-02 line. Add neutral to 23 kv line. Remove 2 stepdowns and eliminate 2 miles of inacessible 23 kv line.	Scheduled for	12/31/2007	Reduced outage risk.
3	**Circuit ID: 60603 NORTH COLUMBIA 06-03**			**Location: Lancaster** **CPI: 1070**
	Tree trimming.	Completed	8/31/2007	Reduced outage risk.
	Perform line maintenance identified by line inspection.	Completed	8/31/2007	Reduced outage risk.
	1/1/2006: Expanded Operational Review. Profile complete 3/1/06. Rel Pres - Completed during Fall 2005 SAIDI Project	Completed	9/13/2006	Reduced customer count affected by each outage. See subsequent records for reliability work
	1/1/2006: Thermographic inspection-OH line. Scan completed 8/06	Completed	8/28/2006	Reduced outage risk.
	7/24/2006: Install animal guard(s).	Completed	8/11/2006	Reduced outage risk. Installed Animal Guards
	Test underground cable. Susquehanna Farms (URD 401).	Completed	9/26/2006	12 of 15 sections of cable need to be replaced
	9/11/2006: Replace 12 of 15 sections of cable in Susquehanna Farms.	Completed	6/26/2007	Reduced outage risk.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/31/2007	50% of the CPI score is due to customers experiencing more than 3 interruptions with the majority of the outages being caused by Trees - not trimming related.
	Circuit outage data analysis.	Scheduled for	11/30/2007	

Rank	Action	Status	Due/Complete	Result
4	**Circuit ID: 28302 NEWFOUNDLAND 83-02**			**Location: Pocono** **CPI: 995**
	3/21/2005: Line inspection-equipment. Field engineer will identify targeted areas for line inspection.	Completed	12/31/2005	Field engineer determined there were no areas requiring line inspections because entire line was inspected in 2004.
	3/31/2006: Line inspection-equipment.	Completed	3/30/2006	Customer minutes will be saved by identifying equipment that is in danger of failing.
	1/1/2007: Expanded Operational Review. Line will be modeled and studied for reliability	Scheduled for	11/15/2007	
	1/1/2007: Thermographic inspection-OH line.	Completed	3/30/2007	No significant results found.
	1/10/2007: Reconductor line. Over 4 miles of line will be rebuilt and reconductored along the road.	Scheduled for	11/30/2009	Rebuilding and relocating the line will reduce probability of outages as well as duration of outages seen by customers.
	8/6/2007: Additional telemetrics devices will be installed	Scheduled for	12/30/2007	
	Continue to monitor future performance.	Ongoing		
5	**Circuit ID: 10803 CHERRY HILL 08-03**			**Location: Bethlehem** **CPI: 941**
	12/23/2004: Investigating border line agreement with Met Ed Utility. Currently reviewing costs and business plan of creating a substation back up to feed the line in an emergency. New PPL served substation also being evaluated.	Completed	2/13/2007	Reduced outage duration. New emergency tie has been established with Met Ed.
	4/3/2006: Expanded Operational Review. Adding 100 KVAR. Tie to Met-Ed in construction to improve reliability.	Completed	10/6/2006	Reduced outage risk.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/28/2007	This circuit experienced significant outages in the fourth quarter of 2006 as a result of a pole hit and a wind and rain storm in early December that resulted in several long outages.
	8/28/2007: Line inspection-equipment. Inspect line and make repairs.	Scheduled for	3/31/2008	
6	**Circuit ID: 23604 WRIGHT 36-04**			**Location: Wilkes-Barre** **CPI: 897**
	12/20/2006: Install LBAS(s).	Completed	3/12/2007	Reduced customer count affected by each outage.
	1/9/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	2/28/2007	December 1st 2006: Tornado damaged nearly a mile of primary conductor. Probability of a similar storm is small. Improved protection scheme could have reduced the number of customers affected. Further analysis needed.
	3/8/2007: Thermographic inspection-OH line.	Completed	3/16/2007	No problems found.
	9/20/2007: Improve sectionalizing capability. Replace AB at 50729N36113 with Telemetric OCR.	Scheduled for	12/31/2007	Reduced outage duration.
	9/20/2007: Improve sectionalizing capability. Replace AB at 50716N36029 with Telemetric OCR.	Scheduled for	12/31/2007	Reduced outage duration.

Rank	*Action*	*Status*	*Due/Complete*	*Result*
7	**Circuit ID: 57401 SPANGLER 74-01**			**Location: West Shore** **CPI: 888**
	7/5/2005: Test underground cable. Cure Tested Cable	Completed	12/5/2005	Reduced outage risk.
	Monitor ground tripping.	Completed	12/31/2005	
	Monitor future performance.	Completed	12/31/2005	
	1/1/2007: Expanded Operational Review. Reliability Review	Completed	2/15/2007	Identified need for additional fusing.
	1/1/2007: Thermographic inspection-OH line.	Completed	3/19/2007	Nothing significant found
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	7/18/2007	2nd quarter, four breaker interuptions major contributing factor. Corrected operating condition that allowed overtrip on OCR. In addition, projects are identified that will reduce CPI
	7/17/2007: Install fuse(s). Install 7 new tap fuses	Scheduled for	11/15/2007	
	7/17/2007: Install fuse(s). Change fuse sizing for better coordination	Scheduled for	11/15/2007	Reduced customer count affected by each outage.
	7/18/2007: Reconductor line. Reconductoring 2000' #4 Cu Main Line	Scheduled for	11/30/2007	Reduced outage risk.
	8/14/2007: An intelligent switching project has been identified to reduce customer minutes lost.	Scheduled for	12/31/2008	Reduced customer count affected by each outage.
	7/19/2007: Install new line and terminal. Installing new line and terminal at splangler. Increasing sectionalizing when line split in half. Adding SCADA	Scheduled for	5/31/2009	Reduced customer count affected by each outage.
8	**Circuit ID: 57303 MOUNT ALLEN 73-03**			**Location: West Shore** **CPI: 879**
	3/1/2007: Thermographic inspection-OH line.	Completed	3/21/2007	Nothing significant found.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
9	**Circuit ID: 27203 YATESVILLE 72-03**			**Location: Wilkes-Barre** **CPI: 860**
	3/28/2006: Perform line maintenance identified by line inspection.	Completed	5/12/2006	Reduced outage risk.
	1/1/2007: Expanded Operational Review. Voltage profile complete 3/6/2007. Field review complete 4/25/07.	Completed	4/25/2007	Identified need for additional fusing.
	4/25/2007: Install fuse(s).	Completed	5/17/2007	Reduced outage risk.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/31/2007	Customers interrupted more than 3 times is the main driving factor for this circuit.
	10/23/2007: Install new Line and Terminal from Yatesville Substation. This new line will split the existing 27203 and should reduce the number of customers impacted by future breaker interuptions.	Scheduled for	5/31/2008	Reduced customer count affected by each outage.

Rank	Action	Status	Due/Complete	Result
10	**Circuit ID: 64202 KINZER 42-02**			**Location: Lancaster** **CPI: 856**
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/31/2007	42% of this circuit's CPI score was due to customers experiencing more than 3 interruptions. There were two transmission interruptions caused by a failed 69kV capacitor bank at Kinzer Substation. This is not expected to occur again.
	9/21/2007: Install LBAS w/ Fault Indicators @ 47423s22904 and @ 46903s22491. Install Fault Indicators @ 47229s23621 and @ 47821s21581.	Scheduled for	3/31/2008	Reduced outage duration.
	10/12/2007: Circuit outage data analysis.	Scheduled for	11/30/2007	
11	**Circuit ID: 28301 NEWFOUNDLAND 83-01**			**Location: Pocono** **CPI: 819**
	Line inspection-equipment.	Canceled	11/30/2005	Field Engineer determined that line inspection was unnecessary because line was inspected in 2004.
	Tree trimming. Trimming and hot spotting will be done in 2006.	Completed	11/30/2006	Reduced outage risk.
	11/23/2005: Betterment project to split one phase tap by sectionalizing. Additional OCR's will be installed.	Completed	5/30/2007	Reduced customer count affected by each outage. Additional OCR's were installed to increase sectionalizing capability on the line and reduced customer minutes lost.
	2/21/2006: Line inspection-equipment.	Completed	4/7/2006	Inspection will help identify problem areas of line that need to be repaired. These repairs will prevent possible outages and customer minutes lost, directly impacting SAIDI.
	2/21/2006: Install animal guard(s). Animal guards were added in quarter 1 of 2006 and will be added as needed.	Completed	12/31/2006	Animal guards were added to reduce animal contact related outages.
	3/1/2006: Expanded Operational Review.	Completed	11/30/2006	Increase size of cap and change to switched along SR 507 at 67963N44495. Cap is currently a 600 fixed. Should become a 900kVAR switched bank metered on A phase. New voltage rise 2.8 volts.
	1/2/2007: Load balancing. At 67127N43019 change tap going South along Hemlock Grove Road from C to A phase (this will transfer two downstream fuses at 67150N42991 from C to A phase) and Install fuse at pole 67038N44402 and transfer downstream single phase line from B to A phase.	In progress	5/31/2007	Reduced customer count affected by each outage.
	1/2/2007: Install fuse(s). Install 4 fuses off three phase line	In progress	5/31/2007	Reduced customer count affected by each outage.
	1/2/2007: Install 1 phase OCR(s). Install new single phase OCR to replace fuse at 68107N44428	In progress	5/31/2007	Reduced outage duration.
	1/2/2007: Install 3 phase OCR(s). 66832N42766 new 3 phase OCR installed 12/11/2006	Completed	12/11/2006	Reduced customer count affected by each outage.
	3/29/2007: Thermographic inspection-OH line.	Completed	1/30/2007	No significant results found.
	Monitor future performance.	Ongoing		
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	

Rank	*Action*	*Status*	*Due/Complete*	*Result*
12	**Circuit ID: 26602 BROOKSIDE 66-02**			**Location: Scranton** **CPI: 818**
	7/14/2005: Perform line maintenance identified by line inspection. Helicopter patrol was completed.	Completed	12/30/2005	Broken and failing crossarms were found and repaired to reduce risk of customer outage.
	8/4/2005: Line being reconductored for 0.3 miles (WR# 233124)	Scheduled for	11/30/2007	
	11/4/2005: Sectionalizer being replaced (WR#269977). Additional sectionalizing opportunities being considered by field engineer.	Completed	1/30/2007	Replacement of the sectionalizer will improve reliability and decrease the number of customers experiencing an outage.
	4/1/2006: Expanded Operational Review. Voltage Profile Completed 7/24/2006.	Completed	7/31/2006	Voltage Profile Completed 7/24/2006. Reliability profile Completed 09/29/2006.
	4/17/2006: Relocate inaccessible line. An inaccessible portion of the Brookside 66-02 and 66-04 line is scheduled to be rebuilt along the roadway. The line is planned to be rebuilt and sectionalized under B21118 (with an RIS of 11/2007) and B21119 (with an RIS of 11/2009).	Scheduled for	11/30/2007	Rebuilding and sectionalizing the 66-02 line will increase reliability on the circuit by making the route more accessible. In addition, there will be less vegetation exposure following the rebuild of the line. This work will improve CAIDI and SAIDI.
	5/3/2006: Install fault indicators	Completed	5/30/2007	Additional fault indicators will decrease length of customer outages by allowing troublemen to determine where fault occurred more quickly
	8/14/2007: Field engineer will investigate installation of additional sectionalizing devices	Scheduled for	11/30/2007	
	Monitor future performance.	Ongoing		
13	**Circuit ID: 64802 MOUNT NEBO 48-02**			**Location: Lancaster East** **CPI: 804**
	7/21/2005: Improve sectionalizing capability. WR 243487 - install one single phase OCR and 2 slot fuses	Completed	12/31/2005	Reduced customer count affected by each outage.
	7/21/2005: Improve sectionalizing capability. WR 243495 - Install 1 new single phase OCR and 6 slot fuses.	Completed	1/31/2006	Reduced customer count affected by each outage.
	1/1/2006: Evaluate potential ties.	Completed	5/19/2006	Reduced outage duration. It was determined that building a tie around an inaccessible section of circuit and essentially tying the circuit to itself was a cost effective way to minimize outage duration on this circuit.
	1/1/2006: Expanded Operational Review. Voltage profile complete 9-22-2006. Reliability review completed in Fall 2005 SAIDI project.	Completed	9/22/2006	Reduced outage risk. See subsequent records for reliabilty work
	2/1/2006: Thermographic inspection-OH line.	Completed	8/28/2006	Reduced outage risk.
	5/19/2006: Install tie.	Scheduled for	12/31/2007	Reduced outage duration.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/31/2007	61% of the CPI score is due to customers experiencing more than 3 interruptions with a majority of the outages being caused by Trees - not trimming related. Fusing and Sectionalizing is being reviewed
	10/12/2007: Circuit outage data analysis.	Scheduled for	11/30/2007	

Rank	*Action*	*Status*	*Due/Complete*	*Result*
14	**Circuit ID: 12402 MILFORD 24-02**			**Location: Bethlehem** **CPI: 786**
	Tree trimming.	Completed	11/1/2006	Reduced outage risk.
	10/9/2006: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	11/27/2006	This circuit experienced 3 major outages over the past year due to a pole hit, and trees falling on the line during a thunder and lightning storm and during tropical storm Ernesto.
	1/1/2007: Expanded Operational Review.	Completed	4/12/2007	Identified reliablity improvements including need for fault indicators and animal guard installation.
	1/1/2007: Thermographic inspection-OH line.	Completed	2/9/2007	Nothing found.
	4/12/2007: Perform maintenance based on results of Expanded Operational Review including installation of animal guards, replacing lightning arrestors, installing fault current indicators on load breaks and replacing fuses.	Completed	7/31/2007	Reduced outage risk.
15	**Circuit ID: 45101 CASS 51-01**			**Location: Central** **CPI: 775**
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/22/2007	All of the outages were caused by trees outside the right of way.
	8/22/2007: Improve sectionalizing capability. WR 402913 to install fault indicators at existing load break disconnects at pole 39532 S 49053.	Scheduled for	11/30/2007	Reduced outage duration.
	8/22/2007: Tree trimming.	Scheduled for	6/30/2009	The circuit is 14 rural miles. The circuit was last trimmed in 2003. Next trimming is scheduled to be completed in 2009.
	8/22/2007: Monitor future performance.	Ongoing		PPL will continue to monitor the performance of this circuit in the future.
16	**Circuit ID: 42503 ALTAMONT 25-03**			**Location: Central** **CPI: 772**
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/22/2007	Reduced outage risk. The CPI score is mostly driven by a high SAIDI contribution and a large number of customers experiencing more than 3 interruptions. More than 90% of the SAIDI minutes are due to trees outside the right-of-way.
	8/22/2007: Install 3 phase OCR(s). Installing new three phase OCR near Girardville at pole 40823 S 53478.	Scheduled for	3/31/2008	Reduced customer count affected by each outage.
	8/22/2007: Install fault indicators on Gilberton side of UG dip under SR 924 at pole 42403 S 53752.	Scheduled for	12/31/2007	Reduced outage duration.
	8/22/2007: Tree trimming.	Completed	9/1/2007	Reduced outage risk. The circuit is 20 urban miles in length. The circuit was completely trimmed in 2007.

Rank	*Action*	*Status*	*Due/Complete*	*Result*
17	**Circuit ID: 15601 NO STROUDSBURG 56-01**			**Location: Pocono** **CPI: 760**
	6/6/2005: Install fuse(s). WR# 218967, WR# 224357, WR# 224423: OCR and fuse installation;	Completed	12/30/2005	Fuses and OCRs were installed to reduce the number of customers experiencing an outage
	6/10/2005: Thermographic inspection-OH line. This circuit will be thermovisioned to help identify failed equipment.	Completed	9/30/2006	Nothing found.
	11/22/2005: Tree trimming. .	Completed	12/31/2006	Reduced outage risk.
	1/13/2006: Install fuse(s). WR 224008	Completed	5/3/2006	Reduced customer count affected by each outage.
	6/15/2006: Evaluate potential ties.	Completed	9/30/2006	No feasible ties found.
	1/1/2007: Expanded Operational Review.	Completed	2/26/2007	Reduced outage risk. Voltage profile complete. Sectionalizing study complete. New L/T 56-04 scheduled for end of this year will relieve the 56-01 of load, thus reducing outage risk and improving voltage support.
18	**Circuit ID: 40101 HUNTER 01-01**			**Location: Central** **CPI: 754**
	2/23/2006: Expanded Operational Review. Voltage Profile Completed in 2005, Reliability Review Completed 2/23/2006, Field WR Review Completed 12/1/2006.	Completed	12/1/2006	Identified need for additional sectionalizer and relocation of inaccessible tap.
	3/22/2006: Install sectionalizers. WR # 285009 Install three phase sectionalizers outside Hunter sub heading East & West.	Completed	8/10/2006	Reduced customer count affected by each outage.
	3/22/2006: Install 1 phase OCR(s). WR 285010 Relocate West Cameron Tap OCR and inaccessible line section.	Completed	10/4/2007	Reduced outage risk. Reduced outage duration.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
19	**Circuit ID: 23603 WRIGHT 36-03**			**Location: Wilkes-Barre** **CPI: 747**
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/31/2007	Inconclusive. Monitor future performance. During a construction period where the lines were abnormally operated, some outages were creditted to this line which are currently on a separate circuit (23604) This circuit should not remain on the list after the 2nd quarter 2008 review.

Rank	Action	Status	Due/Complete	Result
20	**Circuit ID: 60104 COCALICO 01-04**			**Location: Lancaster East** **CPI: 747**
	1/1/2007: Expanded Operational Review. Voltage Profile Completed 1-2-2007. Reliability Analysis Completed 1-2-2007	Completed	12/31/2007	Reduced customer count affected by each outage. Identified need to: fuse 2 unfused taps (WR# 376595 & 376596); add FI @ 45327s34421 (WR# 354802); check to relocate poles @ 45470s23740 & 45462s23740 (WR# 352245). See subsequent records for reliability work requests.
	2/1/2007: Thermographic inspection-OH line.	Completed	3/1/2006	Identified need to replace left stem on B phase Xfmr 44951S34843 and replace all spades on 45132S33113.
	2/6/2007: Replace left stem on B phase Xfmr 44951S34843. Replace all spades on 45132S33113.	Completed	3/1/2006	Reduced outage risk.
	1/3/2007: Install Fault Indicators on N.C. LBAS @ 45327s34421	Completed	2/8/2007	Reduced customer count affected by each outage.
	1/10/2007: Relocate inaccessible line. Relocate poles @ 45470s23740 & 45462s23740 due to multiple pole hits around hard S-turn.	Completed	4/30/2007	Reduced outage risk.
	5/11/2007: Install fuse(s). Fuse 2 unfused taps to protect main three phase line	Completed	7/24/2007	Reduced customer count affected by each outage.
	4/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	5/31/2007	95% of the CPI score was due to cases and SAIFI which were primarily caused by vehicles and animal contacts
	10/12/2007: Circuit outage data analysis.	Scheduled for	11/30/2007	
21	**Circuit ID: 64203 KINZER 42-03**			**Location: Lancaster** **CPI: 726**
	Thermographic inspection-OH line.	Completed	9/14/2006	Identified hot spots.
	8/6/2006: Repair hot spots identified in thermographic inspection.	Completed	12/8/2006	Reduced outage risk.
	8/14/2006: Improve sectionalizing capability. An intelligent switching project has been identified to reduce customer minutes lost.	Scheduled for	6/1/2008	Reduced customer count affected by each outage.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
22	**Circuit ID: 12902 MOUNT BETHEL 29-02**			**Location: Bethlehem** **CPI: 714**
	1/1/2007: Expanded Operational Review.	Completed	10/9/2007	Identified need for capacitor installation and fault indicator installation.
	Install capacitor and fault indicators.	Completed	10/9/2007	Reduced outage duration.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	

Rank	*Action*	*Status*	*Due/Complete*	*Result*
23	**Circuit ID: 22406 MORGAN 24-06**			**Location: Scranton** **CPI: 664**
	4/5/2006: Expanded Operational Review.	Completed	9/30/2006	Inconclusive. Monitor future performance. Voltage Profile Completed 06/01/2006. Reliability profile completed 09/29/2006.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
24	**Circuit ID: 53301 GRATZ 33-01**			**Location: Harrisburg** **CPI: 659**
	1/1/2007: Expanded Operational Review.	EOR planned	12/31/2007	
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
25	**Circuit ID: 10502 CRACKERSPORT 05-02**			**Location: Lehigh** **CPI: 656**
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	

Rank	*Action*	*Status*	*Due/Complete*	*Result*
26	**Circuit ID: 53602 DALMATIA 36-02**			**Location: Harrisburg** **CPI: 644**
	Circuit outage data analysis.	Completed	10/31/2005	Inconclusive. Monitor future performance. Outage on 8/11/05 due to trees - not trimming related. Trees trimmed.
	1/20/2005: Tree trimming. Main portion of the 3 phase line, to the OCRs.	Completed	12/30/2005	Reduced outage risk.
	11/21/2005: Replace pole on island in the river crossing weakened due to bank erosion. Island is uninhabited, and has no road or bridge access. Pa DER will not allow PPL to float a pole across the river due to leaching of preservative into the river. Securing permits to cross the river with men, vehicles, and equipment is proving extremely difficult and time-consuming.	Scheduled for	12/31/2007	Reduced outage risk.
	2/17/2006: Tree trimming-selected line segments only (hot spots).	Completed	2/17/2006	Reduced outage risk. During the Feb 17 windstorm, PPL asked for and received permission to tree trim / cut the worst section of line where trees up a steep bank but off our right of way regularly take the line out. Crews cut down 16' additional right of way for 1/3 of a mile, reducing exposure on the worst tree-endangered portion of this circuit. This section was previously served by the Halifax 39-1 circuit.
	3/1/2006: Install 3 phase OCR(s). A 3-phase OCR will be relocated to just prior to the worst tree-exposed portion of the line along the Susquehanna.	Completed	3/14/2006	Reduced customer count affected by each outage.
	Tree trimming-selected line segments only (hot spots). Extensive trimming outside of ROW.	Completed	3/31/2006	Reduced outage risk.
	5/17/2006: Circuit outage data analysis.	Completed	5/17/2006	Inconclusive. Monitor future performance. 87% of the customer minutes during the 1st qtr 2006 was due to a car pole and a wind storm Jan 15-18. The vehicle accident was an hour from the service center. The OCR was restored in 134 minutes. All the trees were off corridor.
	1/1/2006: Expanded Operational Review. Operational Review will be completed in 2006 - Voltage profile and outage history analysis. Reliability Review Complete 7/11/2006.	Completed	7/1/2006	Voltage profile showed no problems. 5 unfused taps to be field-checked by tech. Bad tree spots will not be given to foresters b/c entire circuit to be trimmed in 2006
	1/1/2006: Thermographic inspection-OH line.	Completed	9/20/2006	Reduced outage risk.
	2/14/2006: Tree trimming. Remainder of line.	Completed	10/30/2006	Reduced outage risk.
	9/25/2006: Install fuse(s). Additional fusing- West Shore portion of circuit. Install 5 tap fuses - WR#326196	Completed	11/30/2006	Reduced customer count affected by each outage.
	3/1/2007: Line inspection-equipment. Field patrol 21 rural circuit miles.	Completed	3/14/2007	No major problems found.
	3/18/2007: Improve sectionalizing capability. Engineering to evaluate benefits of telemetric controlled OCR locations	Completed	5/15/2007	3 locations recommended for installation.
	9/11/2007: Line inspection-equipment. Inspect line from substation to 1st OCR's	Scheduled for	12/31/2007	
	10/11/2007: Improve sectionalizing capability. Review fusing	Scheduled for	11/30/2007	

Rank	*Action*	*Status*	*Due/Complete*	*Result*
27	**Circuit ID: 42301 MOWRY 23-01**			**Location: Central** **CPI: 635**
	2/8/2007: Expanded Operational Review. Voltage Profile Completed 8/1/07. Reliability Review Completed on 2/08/07. Reliability WR Review Completed 8/24/07.	Completed	12/31/2007	Identified need for additional sectionalizing and line reconductoring.
	2/8/2007: Install 3 phase OCR(s). WR 359754 Install New OCR at 38159s52397 in Lavelle before line extends across country.	Completed	12/31/2007	Reduced customer count affected by each outage.
	2/8/2007: Install LBAS(s). WR 359759 Install New gang operated Air Brake switch near State Prison on RT 901	Completed	7/13/2007	Reduced outage duration.
	5/8/2007: Reconductor line. Submitted to Asset Mgmt-Reconductor Fountain Springs Tie.	Scheduled for	12/31/2007	Project under review.
	6/19/2007: Improve sectionalizing capability. WR 385933 Relocate existing three phase Saw Mill Tap OCR.	Completed	12/31/2007	Reduced customer count affected by each outage.
	6/19/2007: Improve sectionalizing capability. WR 385973 Install Fault Indicators on existing load break air switch.	Completed	8/15/2007	Reduced outage duration.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/22/2007	On the Mowry 23-01, 66% of the CPI score was due to SAIDI. A majority of the outages were caused by trees - not trimming related. Tie lines and telemetric OCRs are being reviewed to improve restoration time.
	8/22/2007: Tree trimming.	Scheduled for	12/31/2007	The line is 52 rural miles in length. This circuit is scheduled to be completely trimmed by the end of 2007.
28	**Circuit ID: 16403 MOUNT POCONO 64-03**			**Location: Pocono** **CPI: 624**
	1/1/2007: Expanded Operational Review. Voltage profile complete. Sectionalizing study complete.	Completed	7/12/2007	Identified need to add 2 LBASs along SR196 at/near 65803N36266 and 65861N36828 for sectionalizing purposes.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/20/2007	SAIDI is the primary driver. With SAIDI contributions of: 367 - Trees Not Trimming Related and 186 - Nothing Found
29	**Circuit ID: 27901 BEAR CREEK 79-01**			**Location: Wilkes-Barre** **CPI: 622**
	4/19/2007: Improve sectionalizing capability. Install new sectionalizing AB at 54695N37638.	Scheduled for	11/15/2007	Reduced customer count affected by each outage.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/31/2007	Single phase taps into heavy tree areas are the primary cause of this feeder's performance.

Rank	Action	Status	Due/Complete	Result
30	**Circuit ID: 15701 TANNERSVILLE 57-01**			**Location: Pocono** **CPI: 621**
	6/30/2004: Reconductor 1.5 miles of the main line under SP 51216.	Completed	3/30/2006	The line was reconductored to increase reliability, allow capacity for load growth, and improve SAIDI.
	6/30/2004: Tree trimming. This circuit was scheduled to be trimmed in support of reconductor work.	Completed	3/30/2006	Approximately 1.5 miles of the main three phase line was trimmed in support of the upcoming USF work.
	5/25/2006: Circuit performance review.	Completed	6/30/2006	Inconclusive. Monitor future performance. Faulty sectionalizer identified and repairs are in progress. One LBAS is scheduled to be installed as part of the Reliability Preservation program.
	6/30/2006: Repair faulty sectionalizer.	Completed	12/31/2006	Reduced outage risk.
	6/30/2006: Install one LBAS	Completed	9/30/2006	Reduced outage duration.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/20/2007	SAIDI is primary driver with minutes contributed : 261 - Trees Not Trimming Related, 114 - Equipment Failure, and 94 - Vehicles
	10/16/2007: Install LBAS(s). Remote Operator Controlled Switching is planned for this line along with McMichaels 35-2, this system should improve sectionalizing and restoration time for both of these circuits.	Scheduled for	12/31/2007	Reduced outage duration.
	7/1/2006: Monitor future performance.	Ongoing		
31	**Circuit ID: 22601 KIMBLES 26-01**			**Location: Pocono** **CPI: 603**
	7/11/2006: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/31/2006	During an abnormally sectionalized condition when the Kimbles 26-1 line was tied to a Tafton line, a fault occurred on the Tafton line. This outage contributed nearly one fifth of the total customer minutes lost for the past year. In addition to this event, a transmission line fault left the entire Kimbles substation out of service for nearly two hours. These two events, combined with number cases of trouble on customer transformers and single phase line resulted in a high SAIFI and CAIDI for this line.
	8/17/2006: Tree trimming.	Completed	7/8/2006	Reduced outage risk. Improved reliability by reducing the line's tree exposure thereby limits potential tree contact related outages
	11/2/2006: Improve sectionalizing capability. A telemetrics OCR was installed on this line	Completed	12/1/2006	Reduced outage duration.
	10/16/2006: Monitor future performance.	Ongoing		

Rank	*Action*	*Status*	*Due/Complete*	*Result*
32	**Circuit ID: 28601 BLYTHEBURN 86-01**			**Location: Wilkes-Barre** **CPI: 582**
	10/10/2005: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	11/21/2005	March Snowstorm is the main contributor this circuit performance. Only one signifigant outage since.
	12/8/2005: Line inspection-equipment.	Completed	1/31/2006	Reduced outage risk. Line Maintenance Inspection should proactively prevent equipment failures.
	12/8/2005: Install sectionalizers. Hazelton office investigating fusing of long single phase taps.	Completed	6/15/2006	Should reduce customer count affected by each outage.
	1/1/2006: Expanded Operational Review. Voltage profile complete 6/13/2006. Reliability review complete 5/16/2006.	Completed	6/13/2006	
	1/1/2006: Thermographic inspection-OH line.	Completed	3/23/2006	Reduced outage risk.
	4/27/2006: Line inspection-equipment.	Completed	5/17/2006	Identified need to replace bridges disconnects on sub getaway with air load break disconnects.
	5/17/2006: Install sectionalizers. Replace bridges disconnects at substation getaway with air load break disconnects.	Completed	10/13/2006	Reduced outage duration.
	5/17/2006: Perform line maintenance identified by line inspection. Minor maintenance items.	Completed	10/27/2006	Reduced outage risk.
	1/9/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	2/28/2007	December 1st 2006: Tornado damaged portions of primary conductor outside of the substation. Probability of a similar storm is small. Improved transfer capability could have restored customers sooner.
	3/8/2007: Thermographic inspection-OH line.	Completed	3/16/2007	No problem areas found.
	7/23/2007: Monitor future performance.	Ongoing		
33	**Circuit ID: 16402 MOUNT POCONO 64-02**			**Location: Pocono** **CPI: 577**
	11/22/2005: Tree trimming. As of 7/8/06, 75% completed. The remainder of the trimming will be completed by 8/31/06.	Completed	8/31/2006	Reduced outage risk.
	2/16/2006: Line inspection-equipment.	Completed	3/30/2006	Customer minutes will be saved by identifying equipment that is prone to failure.
	6/15/2006: An intelligent switching project has been identified to reduce customer minutes lost.	Scheduled for	5/31/2009	Reduced customer count affected by each outage.
	6/15/2006: Evaluate potential ties.	Completed	8/31/2006	Reduced outage duration. Field review completed 6/2006. Proposed location of new substation located and ties identified. Details forwarded to appropriate personnel.
	1/1/2007: Expanded Operational Review. Voltage profile complete. Sectionalizing study complete.	Completed	6/29/2007	Reduced outage risk. Per Mt. Airy project, new N.O. point at 66851N35441 PMH cabinet and N.C. point at 67193N35924, adds approx. 50A peak on A-phase, 105A peak on B-phase, and 45A peak on C-phase. Phase change 68598N35101 C to B, 4A peak. Phase change 68522N35231 C to B, 4A peak. Phase change 67174N35809 B to C, 75A peak. WR in progress.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	

Rank	*Action*	*Status*	*Due/Complete*	*Result*
34	**Circuit ID: 13502 MCMICHAELS 35-02**			**Location: Pocono** **CPI: 572**
	3/1/2006: Expanded Operational Review. Perform voltage profile.	Completed	12/31/2006	Reduced outage risk.
	7/11/2006: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/31/2006	
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
35	**Circuit ID: 45303 WEST BERWICK 53-03**			**Location: Sunbury** **CPI: 562**
	1/1/2006: Tree trimming. 13.4 miles of urban section trimmed. The 38.9 miles of rural line were trimmed in 2005.	Completed	12/1/2006	Reduced outage risk.
	7/31/2006: Perform line maintenance identified by line inspection. Replace transformer fused cutouts.	Completed	9/30/2007	Reduced outage risk.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/22/2007	3 phase OCR on Brantmills Tap failed to operate on two occasions. OCR is currently bypassed.
	7/19/2007: Replace failed OCR.	Scheduled for	11/30/2007	Reduced customer count affected by each outage.

Rank	*Action*	*Status*	*Due/Complete*	*Result*
36	**Circuit ID: 56802 BENVENUE 68-02**			**Location: West Shore** **CPI: 555**
	10/21/2004: Monitor future performance.	Completed	12/31/2005	No longer among 5% worst performing circuits.
	6/30/2006: Tree trimming. Trimming West Shore portion of circuit	Completed	12/30/2006	Reduced outage risk.
	1/9/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	2/28/2007	Reviewed 49%CPI due to cases and 40% due to SAIFI.
	1/1/2007: Expanded Operational Review. Reliability Review completed 3/11/2007.	Completed	3/11/2007	Identified opportunities for additional fusing and OCR installation.
	1/1/2007: Thermographic inspection-OH line.	Completed	3/15/2007	No repair items found.
	3/14/2007: Tree trimming-selected line segments only (hot spots). Hot spotted several locations in response to customer complaints.	Completed	3/31/2007	Reduced outage risk.
	3/14/2007: Improve sectionalizing capability. Add Air Disconnect Switches on 12kV 750 riser poles on both sides of the Rt. 22/322 bridge river crossing.	Scheduled for	11/30/2007	Reduced outage duration. Reduce future outage minutes when the river crossing cable must be isolated as was experienced in the 4th quarter 2006 tractor trailer accident.
	4/30/2007: Install fuse(s). Install 10 tap fuses	Completed	4/30/2007	Reduced customer count affected by each outage.
	4/30/2007: Install fuse(s). Install 3 tap fuses	Completed	5/2/2007	Reduced customer count affected by each outage.
	5/11/2007: Install 1 phase OCR(s). Install new single phase OCR and one additional tap fuse	Completed	6/13/2007	Reduced customer count affected by each outage.
	5/16/2007: Install 1 phase OCR(s). Install new single phase OCR and four additional tap fuses	Scheduled for	11/15/2007	Reduced customer count affected by each outage.
	5/29/2007: Tree trimming. 40 mile portion on East Shore.	Scheduled for	12/31/2007	Reduced outage risk.
	5/29/2007: Tree trimming. Last section of trimming	Scheduled for	4/30/2008	Reduced outage risk.
37	**Circuit ID: 16405 MOUNT POCONO 64-05**			**Location: Pocono** **CPI: 550**
	10/10/2005: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	11/22/2005	A vehicle hit was the cause of three different device operations. It also caused significant customer outages. This is not expected to occur again.
	4/10/2006: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	12/31/2006	Inconclusive. Monitor future performance.
	5/25/2006: Line inspection-equipment.	Completed	9/30/2006	Inconclusive. Monitor future performance. Inspection Completed - No specific reliability issues discovered
	1/1/2007: Expanded Operational Review. Voltage profile complete. Reliability profile complete.	Completed	6/25/2007	Reduced outage risk.
	1/9/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	2/28/2007	Inconclusive, Monitor future performance
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/20/2007	SAIDI primary driver with SAIDI contribution being 299 - Trees Not Trimming Related and 31- Equipment Failure
	Monitor future performance.	Ongoing		

Rank	Action	Status	Due/Complete	Result
38	**Circuit ID: 13501 MCMICHAELS 35-01**			**Location: Pocono** **CPI: 549**
	1/1/2007: Expanded Operational Review. Voltage Profile complete.	Completed	8/31/2007	Inconclusive. Monitor future performance.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
39	**Circuit ID: 14703 TREXLERTOWN 47-03**			**Location: Lehigh** **CPI: 548**
	Expanded Operational Review.	Completed	1/4/2006	Most outages from trees. On schedule to be trimmed this year (2006).
	5/10/2006: Install Fault Indicators.	Completed	3/7/2007	Reduced outage duration.
	1/1/2007: Thermographic inspection-OH line.	Completed	1/30/2007	Nothing found.
	1/24/2007: Install animal guard(s).	Completed	2/28/2007	Reduced outage risk.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
40	**Circuit ID: 16401 MOUNT POCONO 64-01**			**Location: Pocono** **CPI: 543**
	11/22/2005: Coordination Study of devices of the line	Completed	11/30/2005	The results of the coordination study were normal. All devices are coordinating properly.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/20/2007	SAIDI primary driver with SAIDI contribution being 285 - Trees Not Trimming Related and 254 - Equipment Failure
	Continue to monitor future performance.	Ongoing		
41	**Circuit ID: 67401 WAKEFIELD 74-01**			**Location: Lancaster East** **CPI: 542**
	11/10/2005: Install fuse(s). Work request created to install 13 fuses	Completed	8/18/2006	Reduced customer count affected by each outage.
	3/31/2006: Expanded Operational Review. Profile complete 9/21/06. Reliability review completed in 2005 SAIDI project.	Completed	11/2/2006	Reduced customer count affected by each outage. See subsequent records for reliability
	4/21/2006: Relocate inaccessible line. Remove inaccessable single phase line to improve performance-Holding for R/W	Completed	11/2/2006	Reduced outage duration.
	5/9/2006: Reconductor line. WR 295519 created to remove inaccessable line and eliminate tree conditions causing outages	Completed	6/13/2006	Reduced outage risk.
	5/30/2006: Thermographic inspection-OH line.	Completed	8/28/2006	Reduced outage risk.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/31/2007	50% of the CPI score is due to customer experiencing more than 3 interruptions with a majority of the outages being caused by equipment failure.
	10/12/2007: Tree trimming.	Scheduled for	11/30/2007	
	10/12/2007: Circuit outage data analysis.	Scheduled for	11/30/2007	

Rank	*Action*	*Status*	*Due/Complete*	*Result*
42	**Circuit ID: 52401 GREEN PARK 24-01**			**Location: West Shore** **CPI: 538**
	10/1/2005: Circuit outage data analysis.	Completed	10/31/2005	Outage on 7/7/05 due to tree - not trim related interrupted 1435 customers.
	1/1/2006: Expanded Operational Review. Reliability Review Completed 6/9/2006. Field Review complete 7/12/2006. Voltage profile completed 11/1/2006	Completed	11/1/2006	Identified need for additional tap fuse.
	2/14/2006: Circuit outage data analysis.	Completed	2/14/2006	Inconclusive. Monitor future performance. ckt performance was excellent for 4th qtr 2005 (CPI= 27). CPI = 68 for 4th qtr 2005, continuing good performance.
	5/17/2006: Circuit outage data analysis.	Completed	5/17/2006	Circuit performance for 1st qtr 2006 was good, CPI=68. CPI primarily due to two isolated wind storms, Feb 17 and Jan 14. This circuit expected to drop off the 5%WPC list due to continuing good performance and recovery from poor 2nd qtr 2005
	8/7/2006: Install fuse(s). Install Tap Fuse as identified in operational review WR 315213.	Completed	12/31/2006	Reduced customer count affected by each outage.
	1/9/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	5/29/2007	High CPI primarily due to storms in 4th quarter 2006, otherwise good performance. Expected to fall off WPC list.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
43	**Circuit ID: 10802 CHERRY HILL 08-02**			**Location: Bethlehem** **CPI: 529**
	4/3/2006: Expanded Operational Review.	Completed	12/16/2006	Reduced outage risk.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
44	**Circuit ID: 17901 BARTONSVILLE 79-01**			**Location: Pocono** **CPI: 524**
	3/1/2006: Expanded Operational Review. Perform Voltage Profile. Review circuit for possible LBAS installs.	Completed	8/1/2006	Profile determined that an additional 1200KVAR of capacitance needed to be added to circuit. No additional sectionalizing was found to be needed.
	1/1/2007: Expanded Operational Review. Voltage profile completed. Sectionalizing study completed.	Completed	7/20/2007	Reduced customer count affected by each outage. Install LBAS near 69144N31102 for additional sectionalizing.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	

Rank	Action	Status	Due/Complete	Result
45	**Circuit ID: 27101 GREENFIELD 71-01**			**Location: Scranton** **CPI: 521**
	11/22/2005: Circuit Breaker being studied by Field Engineer to see if it is functioning properly	Completed	6/30/2006	
	12/15/2006: Install LBAS(s). Installed new normally closed LABS with fault indicators to assist with restoration efforts at pole 58659N54918 on Rt 106.	Completed	12/1/2006	Reduced outage duration. Installed new normally closed LABS with fault indicators to assist with restoration efforts at pole 58659N54918 on Rt 106.
	1/1/2007: Expanded Operational Review.	Completed	9/4/2007	Found locations for 2 cap banks located on the NE part of the circuit. This is needed to help improve voltage to support future growth.
	1/1/2007: Investigate installing telemetrics OCR's at multiple locations	Completed	3/30/2007	Results passed on to System Operations for review
	1/9/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	2/28/2007	Two large three phase events in the fourth quarter of 2006 occurred under storm conditions. There two outages contributed over 429,000 customer minutes lost. During one of these events, a second outage occurred while the first outage was being restored.
46	**Circuit ID: 20601 GREENWOOD 06-01**			**Location: Central** **CPI: 499**
	2/24/2005: Replace two lattice towers with wood poles.	Completed	3/3/2006	Reduced outage risk.
	1/1/2006: Expanded Operational Review. Voltage profile completed in 2005. Reliability review completed 6/22/06.	Completed	12/31/2006	Performed thermovision inspection.
	1/1/2006: Thermographic inspection-OH line.	Completed	3/20/2006	Reduced outage risk.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
47	**Circuit ID: 59202 THOMPSONTOWN 92-02**			**Location: West Shore** **CPI: 492**
	Monitor future performance.	Completed	12/31/2005	No longer among 5% worst performing circuits.
	12/22/2005: Relocate inaccessible line. Relocate inaccessible portion of line to along roadway.	Completed	1/29/2007	Reduced outage risk. Reduced outage duration.
	1/1/2007: Expanded Operational Review. Reliability Review completed 3/12/2007. Profile Completed.	Completed	3/12/2007	
	1/1/2007: Thermographic inspection-OH line.	Completed	3/14/2007	Reduced outage risk.
	4/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	5/29/2007	Circuit CPI has been decreasing: 2006 Q2=120, 2006 Q3=98, 2006 Q4=55, 2007 Q1=23. Expected to fall off WPC list due to increasing good performance.
	5/16/2007: Install fuse(s). Install 11 tap fuses	Completed	5/21/2007	Reduced customer count affected by each outage.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	

Rank	*Action*	*Status*	*Due/Complete*	*Result*
48	**Circuit ID: 53902 HALIFAX 39-02**			**Location: Harrisburg** **CPI: 490**
	3/31/2006: Expanded Operational Review.	Completed	12/21/2006	Field check 6 unfused taps. Provide tree hot-spot locations to foresters.
	3/31/2006: Thermographic inspection-OH line.	Completed	9/15/2006	Reduced outage risk.
	4/25/2006: Install fuse(s). Install 6 Fuses	Completed	12/21/2006	Reduced customer count affected by each outage.
	4/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	5/29/2007	Tornado in 4th quarter of 2006 major contributing factor to CPI. Good performance the rest of year.
49	**Circuit ID: 10602 BLOOMING GLEN 06-02**			**Location: Bethlehem** **CPI: 485**
	8/15/2006: An intelligent switching project has been identified to reduce customer minutes lost. The expected in service date is 5/4/07.	Completed	5/4/2007	Reduced outage duration.
	Tree trimming.	Completed	10/30/2006	Reduced outage risk.
	4/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	5/25/2007	Rain and lighting storms in August and September caused two circuit recloser failures and a circuit breaker failure. During the fourth quarter of 2006 and the first quarter of 2007 this circuit had few cases of trouble; consequently, the CPI was very low during those quarters. This circuit should drop off the WPC list at the end of the third quarter.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
50	**Circuit ID: 48302 ORWIGSBURG 83-02**			**Location: Central** **CPI: 481**
	2/14/2005: Load balancing. WR 197563 pole 45992S48802 transfer tap from A phase to B phase.	Completed	2/27/2007	Reduced outage risk.
	1/1/2006: Expanded Operational Review. Voltage Profile Completed in 2005, Reliability Review Completed on 2/23/2006, Field WR Review Complete 715/2006	Completed	7/15/2006	Look at moving three phase OCR along SR 443 North of Orwigsburg closer to town.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	

Rank	*Action*	*Status*	*Due/Complete*	*Result*
51	**Circuit ID: 27503 WEISSPORT 75-03**			**Location: Central** **CPI: 471**
	10/10/2005: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	11/30/2005	High number of cases and moderately high CAIDI main causes.
	4/10/2006: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	5/31/2006	Inconclusive. Monitor future performance. High cases contribute 45% of high CPI. Two of past 3 quarters contribute only a third of the CPI that Q3 2005 contributes. Continued monitoring should see this circuit fall off the list, pending major outages.
	7/21/2006: Relocate inaccessible line. WR 311488 Relocate feed to High head development	Completed	9/29/2006	Reduced outage risk.
	10/5/2006: Install fuse(s). WR 328493 Install two tap fuses on pole 58488N25250	Completed	10/20/2006	Reduced customer count affected by each outage.
	2/1/2007: Thermographic inspection-OH line.	Completed	3/13/2007	Identified hot spots.
	3/13/2007: WR 379820 issued to correct hot spots identified by thermographic inspection.	Completed	6/30/2007	Reduced outage risk.
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
52	**Circuit ID: 40503 CRESSONA 05-03**			**Location: Central** **CPI: 470**
	2/23/2006: Expanded Operational Review. Voltage Profile Completed in 2005, Reliability Review Completed 2/23/2006, Field WR Review Completed 8/30/2006.	Completed	8/30/2006	Reliability review completed 2/23/06 Investigate feeding single phase tap at Fawn Cove Drive in Lake Wynonah from outside the gated development. Investigate reconductoring the tie between the Cressona #2 and #3 from below Lake Wynonah South to SR 895.
	7/10/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Completed	8/22/2007	43% of the CPI score is due to customers experiencing more than 3 interruptions. Two transmission outages also occurred which interrupted all the customers on this circuit.
	8/22/2007: Tree trimming.	Scheduled for	6/30/2008	The circuit was last trimmed in 2003. The tree trimming on this circuit is scheduled to be completed in 2008.
	8/25/2007: Trouble Men to patrol Stoyer Hill Tap for reliability issues and install animal guard. Work request 399050 was generated for this purpose.	Scheduled for	10/3/2008	Reduced outage risk.
53	**Circuit ID: 13605 RICHLAND 36-05**			**Location: Bethlehem** **CPI: 465**
	1/1/2007: Expanded Operational Review.	EOR initiated	12/31/2007	
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	

Rank	*Action*	*Status*	*Due/Complete*	*Result*
54	**Circuit ID: 18801 NO COOLBAUGH 88-01**			**Location: Pocono** **CPI: 454**
	3/31/2006: Expanded Operational Review. Perform Voltage Profile. Reivew circuit for possible LBAS install's	Completed	12/31/2006	Installed LBAS at 65589N39286. CYME profile identified overload in conductor segment from 65518N39583 to 65590N39248 on phase-C. Two taps will be rephased from C-phase and placed on B-phase. Rephase from C->B fuses: 65947N39093 & 65998N39144
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	
55	**Circuit ID: 14706 TREXLERTOWN 47-06**			**Location: Lehigh** **CPI: 451**
	10/8/2007: Circuit outage data analysis - WPC not on preceding qtr. list.	Scheduled for	11/30/2007	

(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.

The following table shows a breakdown of service interruption causes for the 12 months ended at the current quarter. The top three causes (Equipment Failure, Animals, and Trees – Not Trimming Related), based on the percent of cases, are highlighted in the table. Service interruption definitions are provided in Appendix B. PPL Electric's maintenance programs focus on corrective actions to address controllable interruptions (e.g., trees and equipment failure).

Cause Description	Trouble Cases[8]	Percent of Trouble Cases	Customer Interruptions[9]	Percent of Customer Interruptions	Customer Minutes	Percent of Customer Minutes
Improper Design	2	0.01%	5	0.00%	1,016	0.00%
Improper Installation	2	0.01%	6,930	0.45%	568,137	0.24%
Improper Operation	4	0.02%	11,020	0.71%	350,798	0.15%
Trees - Inadequate Trimming	1,165	5.54%	75,665	4.90%	15,509,477	6.66%
Trees - Not Trimming Related	3,527	16.79%	362,076	23.45%	88,479,856	38.02%
Animals	5,214	24.82%	90,860	5.89%	7,096,885	3.05%
Vehicles	819	3.90%	177,829	11.52%	19,914,385	8.56%
Contact/Dig-in	168	0.80%	22,866	1.48%	1,109,854	0.48%
Equipment Failure	5,633	26.81%	508,992	32.97%	66,497,480	28.57%
Forced Prearranged	316	1.50%	17,930	1.16%	1,315,516	0.57%
Other - Controllable	309	1.47%	24,379	1.58%	2,586,705	1.11%
Nothing Found	2,157	10.27%	129,283	8.37%	12,635,706	5.43%
Other - Public	137	0.65%	19,057	1.23%	2,981,291	1.28%
Other - Non-Controllable	1,557	7.41%	96,891	6.28%	13,667,689	5.87%
Total	**21,010**	**100.00%**	**1,543,783**	**100.00%**	**232,714,793**	**100.00%**

[8] Trouble cases are the number of sustained customer service interruptions (i.e., service outages).

[9] The data reflects the number of customers interrupted for each interruption event summed for all events, also known as customer interruptions. If a customer is affected by three separate cases of trouble, that customer represents three customer interruptions, but only one customer interrupted.

Analysis of causes contributing to the majority of service interruptions:

Weather Conditions: PPL Electric records weather conditions, such as wind or lightning, as contributing factors to service interruptions, but does not code them as direct interruption causes. Therefore, some fluctuations in cause categories, especially tree- and equipment-related causes, are attributable to weather variations. PPL Electric has experienced a peak in both reportable and non-reportable storms during this reporting period.

Trees – Inadequate Trimming: In 2007, PPL Electric adopted shortened maintenance trimming cycles for both urban and rural circuits to improve reliability. The shortened cycle times took effect on January 1, 2007.

Trees – Not Trimming Related: Although their effect on reliability is significant, tree outages not related to trimming are caused by trees falling from outside of PPL Electric's rights-of-way, and generally are not controllable.

Animals: Animals account for about 25% of PPL Electric's cases of trouble. Although this represents a significant number of cases, the effect on SAIFI and CAIDI is small because nearly 87% of the number of cases of trouble is associated with individual distribution transformers. However, when animal contacts affect substation equipment, the effect is widespread and potentially can interrupt thousands of customers on multiple circuits. PPL Electric installs squirrel guards on new installations and in any existing location that has been affected by multiple animal-related interruptions.

Vehicles: Although vehicles cause a small percentage of the number of cases of trouble, they account for a large percentage of customer interruptions and customer minutes, because main distribution lines generally are located along major thoroughfares with higher traffic densities. In addition, vehicle-related cases often result in extended repair times to replace broken poles. Service interruptions due to vehicles are on the rise as a result of an increasing number of drivers and vehicles on the road. PPL Electric has a program to identify and relocate poles that are subject to multiple vehicle hits.

Equipment Failure: Equipment failure is one of the largest single contributors to the number of cases of trouble, customer interruptions and customer minutes. However, approximately 42% of the cases of trouble, 47% of the customer interruptions and 55% of the customer minutes attributed to equipment failure are weather-related and, as such, are not considered to be indicators of equipment condition or performance.

Nothing Found: This description is recorded when the responding crew can find no cause for the interruption. That is, when there is no evidence of equipment failure, damage, or contact after a line patrol is completed. For example, during heavy thunderstorms, when a line fuse blows or a single-phase OCR locks open and when closed for test, the fuse holds, or the OCR remains closed, and a patrol reveals nothing.

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

Inspection & Maintenance Goals/Objectives	Annual Budget	3rd Quarter		Year-to-date	
		Budget	Actual	Budget	Actual
Transmission					
Transmission C-tag poles (# of poles)	248	59	32	168	164
Transmission arm replacements (# of sets)	1,200	323	217	834	840
Transmission lightning arrester installations (# of sets)	50	2	8	34	52
Foot patrols (# of miles)	1,350	0	95	1350	882
Transmission air break switch inspections (# of)	60	14	2	36	36
Transmission tree trimming (# of linear feet)	395,204	144,761	66,870	364,083	313,182
Transmission herbicide (# of acres)	4,002	3,000	2,635	3,900	3,882
Substation					
Substation batteries (# of activities)	859	191	105	715	815
Circuit breakers (# of activities)	3,198	713	994	2,660	2,487
Substation inspections (# of activities)	1,363	331	461	1,111	1,529
Transformer maintenance (# of activities)	2,038	450	532	1,686	1,547
Distribution					
Distribution C-tag poles replaced (# of poles)	2,446	541	468	2155	2119
C-truss distribution poles (# of poles)	559	176	165	351	518
Capacitor (MVAR added)	85	12	39	65	72
OCR replacements (# of)	510	103	48	428	448
Oil Switch replacements (# of)	120	30	7	83	36
Distribution air break switch inspections (# of)	258	65	95	194	202
Distribution pole inspections (# of poles)	88,176	33,066	36,386	66,132	66,642
Distribution line inspections (# of miles)	3,000	381	335	2,775	2,836
Group relamping (# of lamps)	18,500	4,625	6,680	13,875	15,030
Test sections of underground distribution cable	850	213	251	638	698
Distribution tree trimming (# of miles)	5,500	1,453	1,226	3,959	3,699
Distribution herbicide (# of acres)	845	745	602	845	667
LTN manhole inspections (# of)	506	168	217	391	454
LTN vault inspections (# of)	594	195	191	459	445
LTN network protector overhauls (# of)	77	25	16	59	58
LTN reverse power trip testing (# of)	116	38	29	90	81

(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.)***

The following table provides the operation and maintenance expenses for PPL Electric, as a whole, which includes the work identified in response to Item (6).

	3rd Quarter		Year-to-date	
Activity	**Budget** ($1,000s)	**Actual** ($1,000s)	**Budget** ($1,000s)	**Actual** ($1,000s)
Provide Electric Service	3,517	3,784	9,864	10,330
Vegetation Management	7,811	7,773	20,597	19,299
Customer Response	13,825	16,929	38,141	43,937
Reliability & Maintenance	16,294	23,278	47,994	54,505
System Upgrade	1,876	1,228	5,933	3,649
Customer Services/Accounts	19,552	22,761	58,424	57,958
Others	23,984	14,659	70,283	60,904
Total O&M Expenses	**86,859**	**90,412**	**251,236**	**250,581**

(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.)***

The following table provides the capital expenditures for PPL Electric, as a whole, which includes transmission and distribution ("T&D") activities.

	3rd Quarter		Year-to-date	
	Budget ($1,000s)	**Actual** ($1,000s)	**Budget** ($1,000s)	**Actual** ($1,000s)
New Service/Revenue	24,060	19,921	67,371	58,926
System Upgrade	21,791	21,373	68,061	61,416
Reliability & Maintenance	13,782	9,562	40,270	34,618
Customer Response	3,389	3,400	9,070	12,824
Other	5,537	7,917	16,526	18,525
Total	**68,559**	**62,173**	**201,298**	**186,309**

(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).

The following table shows the dedicated staffing levels as of the end of the quarter. Job descriptions[10] are provided in Appendix C.

Transmission and Distribution (T&D)	
Lineman Leader	81
Journeyman Lineman	164
Journeyman Lineman-Trainee	128
Helper	10
Groundhand	55
Troubleman	54
T&D Total	**492**
Electrical	
Elect Leaders-UG	8
Elect Leaders-Net	7
Elect Leaders-Sub	29
Journeyman Elect-UG	26
Journeyman Elect-Net	11
Journeyman Elect-Sub	60
Journeyman Elect Trainee-UG	22
Journeyman Elect Trainee-Net	17
Journeyman Elect Trainee	46
Helper	1
Electrical Total	**227**
Overall Total	**719**

[10] Some job titles and position descriptions were changed as a result of the new labor agreement ratified in 2006.

Appendix A

PPL Electric Utilities Corporation
Worst Performing Circuit Definition

PPL Electric uses a Circuit Performance Index (CPI) to define the worst performing circuits on its system. The CPI covers about 1,100 feeders across the PPL Electric service area.

The CPI is derived using the following statistics and weighting factors:

- SAIDI - 35%
- SAIFI - 30%
- Fraction of customers interrupted more than three times - 20%
- Fraction of customers with an interruption over four hours - 15%

Major Events, momentary interruptions, and planned prearranged jobs are excluded.

The CPI values are obtained by multiplying the individual feeder statistics by coefficients based on the 5-year period, 2001-2005. Average values over this period were:

- SAIDI – 121.9 per customer per year
- SAIFI – 0.929 per customer per year
- Fraction of customers interrupted more than three times - 4% per feeder per year
- Fraction of customers with an interruption over four hours - 10% per feeder per year

A hypothetical feeder with the values of SAIDI, SAIFI, and the fraction of customers interrupted more than three times, and the fraction of customers with an interruption over four hours, equal to the 5-year averages would have a CPI value of 100. Any variations in the values of the above criteria would affect the CPI values in accordance with the weighting factors.

Appendix B

PPL Electric Utilities Corporation
Service Interruption Definitions

Trouble Definitions: After field investigations and repairs are complete, PPL Electric linemen report the cause of each case of trouble. This information is electronically recorded as a "cause code" number when the job record is closed. PPL Electric cause codes are subdivided into three general classifications: Controllable, Non-Controllable and Public. The definitions of the cause codes are:

10 – Improper Design	Controllable	• When an employee or agent of PPL Electric is responsible for an error of commission or omission in the engineering or design of the distribution system. (Facility Records personnel use only)
11 – Improper Installation	Controllable	• When an employee or agent of PPL Electric is responsible for an error of commission or omission in the construction or installation of the distribution system. (Facility Records personnel use only)
12 – Improper Operation	Controllable	• When an employee or agent of PPL Electric is responsible for an error of commission or omission in the operation or maintenance of the distribution system. (Facility Records personnel use only)
30 – Trees – Inadequate Trimming	Controllable	• Outages resulting from the lack of adequate tree trimming (within the Right of Way).
35 – Trees – Not Trim Related	Non-Controllable	• Outages due to trees, but not related to lack of or proper maintenance tree trimming. This includes trees falling into PPL Electric facilities from outside the right-of-way, danger timber blown into facilities, and trees or limbs cut or felled into facilities by a non-employee.
40 – Animals	Controllable	• Any outage caused by an animal directly or indirectly coming in contact with PPL Electric facilities. This includes birds, squirrels, raccoons, snakes, cows, etc.
41 – Vehicles	Public	• When cars, trucks or other types of vehicles or their cargoes strike facilities causing an interruption.
51 – Contact/Dig-in	Public	• When work in the vicinity of energized overhead facilities results in interruptions due to accidental contact by cranes, shovels, TV antennas, construction equipment (lumber, siding, ladders, scaffolding, roofing, etc.). • When contact is made by a non-employee with an underground facility causing interruption.

60 – Equipment Failure	Controllable	• Outages resulting from equipment failures caused by corrosion or contamination from build-up of materials, such as cement dust or other pollutants. • Outages resulting from a component wearing out due to age or exposure, including fuse tearing or breaking. • Outages resulting from a component or substance comprising a piece of equipment failing to perform its intended function. • Outages resulting from a failure that appears to be the result of a manufacturer's defect or cannot be described by any other code indicating the specific type of failure.
80 – Scheduled Prearranged[11]	Controllable	• Interruptions under the control of a PPL Electric switchman or direction of a PPL Electric System Operator for the purpose of performing scheduled maintenance, repairs, and capacity replacements for the safety of personnel and the protection of equipment. • Includes requests from customers for interruption of PPL Electric facilities.
85 – Forced Prearranged	Non-Controllable	• Interruptions under the control of a PPL Electric switchman or direction of a PPL Electric System Operator for the purpose of dropping load or isolating facilities upon request during emergency situations. • Interruptions which cannot be postponed or scheduled for a later time, and include situations like load curtailment during system emergencies, and requests of civil authorities such as fire departments, police departments, civil defense, etc. for interruption of PPL Electric facilities.

[11] Interruptions under the control of a PPL Electric switchman or the direction of a PPL Electric System Operator for the purpose of isolating damaged facilities to make repairs are reported using the initial cause of the damage when the interruption is taken immediately, but are reported as scheduled prearranged when the interruption is postponed.

90 – Other – Controllable (Lineman provides explanation)	Controllable	• Interruptions caused by phase to phase or phase to neutral contacts, resulting from sleet or ice dropping off conductors, galloping conductors, or any other phase to phase or phase to neutral contact where weather is a factor. • Interruptions resulting from excessive load that cause that facility to fail. • When restoration of service to a facility, which had been interrupted for repairs or other reasons, causes an additional interruption to another facility which had not been involved in the initial interruptions.
96 – Nothing Found	Non-Controllable	• When no cause for the interruption can be found. • When there is no evidence of equipment failure, damage, or contact after line patrol is completed. This could be the case during a period of heavy T&L when a line fuse blows or a single phase OCR locks open. • When closed for test, the fuse holds or the OCR remains closed. A patrol of the tap reveals nothing.
98 – Other Public (Lineman provides explanation)	Public	• All outages resulting from gunfire, civil disorder, objects thrown, or any other act intentionally committed for the purpose of disrupting service or damaging company facilities.
99 – Other – Non-Controllable (Lineman provides explanation)	Non-Controllable	• Any outage occurring because of a fire, flood, or a situation that develops as a result of a fire or flood. Do not use when facilities are de-energized at the request of civil authorities. • When an interruption is caused by objects other than trees, such as kites, balls, model airplanes, roofing material, and fences, being accidentally blown or thrown into overhead facilities. • All interruptions caused by contact of energized equipment with facilities of other attached companies or by trouble on customer owned equipment.

Appendix C

PPL Electric Utilities Corporation
Job Descriptions

Transmission and Distribution

Groundhand	• Performs manual labor and assists employees in higher job classifications.
Helper	• Performs semi-skilled labor at any work location on de-energized overhead and underground transmission, and distribution facilities to prepare the employee for entrance into the Journeyman Lineman Apprenticeship Program.
Journeyman Lineman	• Works by himself or as part of a crew on the maintenance, operation, and construction activities of the transmission and distribution systems associated with, but not limited to, PPL Electric facilities.
Journeyman Lineman-Trainee	• Works by himself or as part of a crew on the maintenance, operation, and construction activities of the transmission and distribution systems associated with, but not limited to, PPL Electric facilities.
Lineman Leader	• Responsible for completing assigned work by directing one or multiple groups of employees involved in the maintenance, operation, and construction activities of the transmission and distribution systems associated with, but not limited to, PPL Electric facilities. • Engage in and perform work along with providing the necessary leadership, all-around knowledge, initiative, judgment, and experience to produce a quality job. • Performs all the direct duties of the Journeyman Lineman when not acting as a Lineman Leader.
Troubleman	• Investigates and resolves trouble calls, voltage abnormalities on transmission and distribution systems associated with, but not limited to, PPL Electric facilities.

Appendix C

Electrical

Electrician Leader - Substation - Network - Underground	• Responsible for completing assigned work by directing one or multiple groups of employees involved in the construction and maintenance activities of the transmission and distribution systems associated with, but not limited to, PPL Electric facilities. • Engage in and perform work along with providing the necessary leadership, all-around knowledge, initiative, judgment, and experience to produce a quality job. • Performs all direct duties of the Journeyman Electrician when not acting as a leader.
Helper - Substation - Network - Underground	• Performs manual labor at any work location including those areas containing non-exposed energized electrical equipment, and to prepare the employee for entrance into the Apprenticeship Program.
Laborer - Substation - Network - Underground	• Performs manual labor and assists employees in higher job classifications.
Journeyman Electrician - Substation - Network - Underground	• Normally under limited supervision performs and is responsible for work associated with, but not limited to, PPL Electric facilities involving the highest degree of skill in construction and maintenance work associated with substations, LTN or underground distribution and transmission. • Uses microprocessor based equipment for troubleshooting and revising relay logic and its control systems related to the Field Services electrical discipline.
Journeyman Electrician - Trainee - Substation - Network - Underground	• Normally under limited supervision performs and is responsible for work associated with, but not limited to, PPL Electric facilities involving the highest degree of skill in construction and maintenance work associated with substations, LTN or underground distribution and transmission. • Uses microprocessor based equipment for troubleshooting and revising relay logic and its control systems related to the Field Services electrical discipline.

Duquesne Light
Our Energy...Your Power

Compliance Section
411 Seventh Avenue, Mail Drop 8-6
Pittsburgh, PA 15219

Office: 412-393-3662
Fax: 412-393-5687
vedwards@duqlight.com

October 30, 2007

VIA OVERNIGHT MAIL DELIVERY
Mr. James J. McNulty, Secretary
Pennsylvania Public Utility Commission
P. O. Box 3265
Harrisburg, Pennsylvania 17105-3265

ORIGINAL

Dear Mr. McNulty:

In accordance with the Commission's Order at L-00030161 entered March 20, 2006 on Duquesne's Petition for Protective Order Pertaining to Information contained in its Quarterly and Annual Reliability Reports, Duquesne is submitting an original and six (6) copies of its report for the quarter ended September 30, 2007 in two versions, both included under this transmittal letter. The first version contains only that information for which the Commission did not grant protective treatment. The second version includes all of the information required by 52 Pa. Code §57.195, is marked "confidential and proprietary" and is enclosed in a sealed envelope.

Duquesne respectfully requests the version marked "confidential and proprietary" not be made available to the public.

Section (e)(7) Second Quarter Information has been amended for a correction in the Second Quarter Actual Numbers for System Maintenance and Net Clearing.

Please return a date-stamped copy of this letter in the enclosed, self-addressed stamped envelope.

If you have any questions regarding the information provided, please contact me at (412) 393-3662.

DOCUMENT FOLDER

Sincerely,

V. J. Edwards

Vernon J. Edwards
Supervisor, Regulatory Compliance

Enclosures

c: Mr. W. Williams – Bureau of CEEP
Mr. I. A. Popowsky – Office of Consumer Advocate
Mr. W. R. Lloyd, Jr. – Office of Small Business Advocate
Mr. D. Gill – Bureau of CEEP
Mr. B. J. Loper – Bureau of CEEP

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SECRETARY'S BUREAU

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UPS CampusShip: View/Print Label

1. **Print the label(s):** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the dotted line.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers without a Daily Pickup
   - Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   - Hand the package to any UPS driver in your area.
   - Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services℠ (including via Ground) are accepted at Drop Boxes.
   - To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

   Customers with a Daily Pickup
   - Your driver will pickup your shipment(s) as usual.

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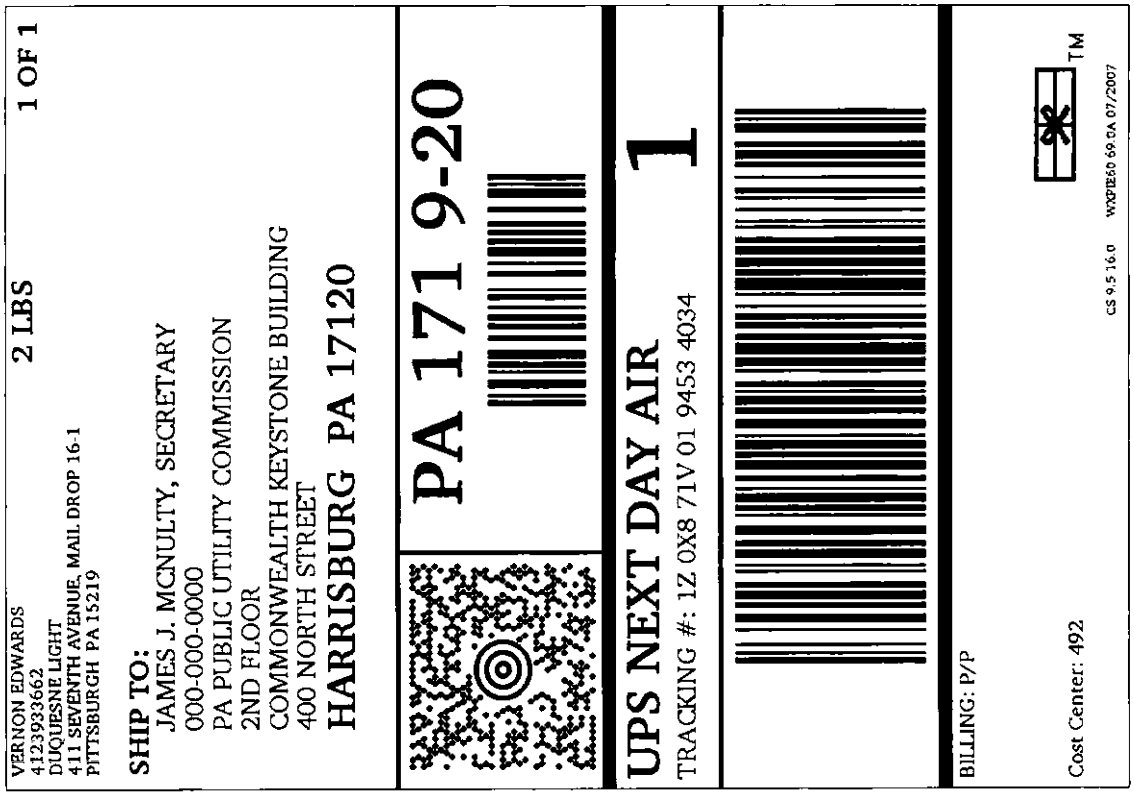

DUQUESNE LIGHT COMPANY
QUARTERLY RELIABILITY REPORT
October 29, 2007

57.195 Reporting Requirements

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

Pamela Niehaus - Manager, Engineering Services
(412) 393-8446, pniehaus@duqlight.com

Gary Jack - Manager, Governmental Affairs
(412) 393-1541, gjack@duqlight.com

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PUBLIC UTILITY

(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.**

At approximately 1430 hours on Thursday, August 9, 2007, a severe thunderstorm, with winds gusting to 85 mph, intense lightning, large hail and torrential rains swept through our service territory. The National Weather Service had issued a severe thunderstorm warning and a tornado warning for Allegheny County. A flash flood warning had also been issued for Allegheny and Beaver counties. The National Weather Service later confirmed that at approximately 1450 hours, a tornado had touched down in the West End area of Pittsburgh and at approximately 1500 hours, a microburst hit the uptown section of Pittsburgh. Flooding occurred in Millvale and along McKnight Road in Allegheny County. A state of emergency was declared for Allegheny County after storms dumped up to 3.5 inches of rain in our region.

A total of 101,915 customers were affected in our service territory. At the peak of this storm, 90,000 customers experienced service interruptions. Restoration for the last customer affected was at 2300 hours on Monday, August 13, 2007.

(e)(2) **Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available, MAIFI) for the electric distribution company'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 BENCHMARKS AND STANDARDS

Duquesne Light Company

System Performance Measures with Major Events Excluded

Entire System				
	SAIDI	**SAIFI**	**CAIDI**	**MAIFI**
Benchmark	126	1.17	108	*
12 Month Standard	182	1.40	130	*
2007 3Q (Rolling 12 mo)	**100**	**0.81**	**123**	*

* Sufficient information to calculate MAIFI is unavailable.

Data used in calculating the indices

Total KVA Interrupted for the Period (excluding 8/9/07 Major Event):	5,691,496	KVA
Total KVA-Minutes Interrupted: (excluding 8/9/07 Major Event):	700,699,521	KVA-Minutes
System Connected Load as of 9/30/07:	7,040,058	KVA
August 9, 2007 Major Event:	(1,260,752) KVA (18% of System Load) 719,087,392 KVA-Minutes	

Formulas used in calculating the indices

$$SAIFI = \frac{\text{(Total KVA interrupted) - (KVA impact of major events)}}{\text{System Connected KVA}}$$

$$SAIDI = \frac{\text{(Total KVA-minutes interrupted) - (KVA-minute impact of major events)}}{\text{System Connected KVA}}$$

$$CAIDI = SAIDI/SAIFI$$

(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 electric distribution company defines its worst performing circuits shall be included.

Beginning in 2007, circuits are evaluated based on a rolling twelve-month count of lockouts of protective devices (circuit breakers, sectionalizers and line reclosers). Circuits that experience four or more lockouts for a device in each quarterly rolling twelve-month period are identified and reported. Customer surveys show a significant drop in satisfaction when customers experience four or more interruptions in a year, and that threshold was therefore used as a basis for this new evaluation method.

The list is ranked first by the date of the most recent outage, with a secondary sort based on number of lockouts. This places a higher priority on circuits experiencing problems in the most recent quarter. Circuits that have not seen recent outages fall to a lower priority, but remain on the list for monitoring.

Circuits that appear on the list for more than a year will be targeted for remediation based on a review of outage records for root cause identification, field evaluations, and engineering analysis. Project scopes developed as a result of this analysis will be incorporated into the company's Work Plan for engineering, design and construction.

This circuit analysis is more timely than that used in the past, as it can be reviewed in-house on a quarterly or even a monthly basis. It provides a truer representation of the dynamic nature of Duquesne's distribution system and will identify poor performing areas more quickly. The threshold of four lockouts may produce a result greater or less than 5% of the total circuits in the system. Reports will be issued on all circuits that violate the four-lockout threshold, even if the total is greater than 5% of the number of circuits on the system.

See Attachment A for table of circuit reliability values and Service Centers associated with each circuit.

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

Third Quarter Rolling 12 Months

Rank	Circuit	Name	Remedial Actions Planned or Taken
1	23682	Woodville	Trees and Storm Damage - VM Inspection Scheduled- IR completed and repairs made in May 2007 - Will perform additional IR inspections for this particular area.
2	23922	Logans Ferry	Storms and Jumper - IR Inspection Completed in April of 2007 - Repairs made by the end of 2007. Latest outage due to loss of another circuit causing an outage on this circuit as designed to protect the overall system.
3	23714	Pine Creek	Last VM Completed in 2004 - VM scheduled for 2008 - Reliability group looking at adding device to reduce exposure to outages and provide quicker restoration of service.
4	23708	North	Last VM completed 4Q 2004. Next VM proposed for 2008. VM remedial trim completed in 2007. IR survey 7/1/2004. All defects were repaired. Sectionalizer being analyzed to determine proper settings on device.
5	23716	Pine Creek	Most recent lockout was caused by a vehicle striking a pole. VM Remedial work performed on Main Feeder and unprotected taps in 2007. Installation of several sectionalizing devices on circuit to reduce customers affected to be completed by end of October 2007.
6	23717	Pine Creek	VM Inspection Scheduled - Heavily tree'd area where customers don't want trees trimmed. Reliability group is investigating alternative routes of line and other device installations to reduce customer exposure.
7	23780	Valley	IR Inspection completed and items repaired in June 2007 - Reconductor Job Scheduled for 1st Quarter of 2008.
8	23763	Wilmerding	VM Inspection Scheduled - All outages due to storms -No new problems since June.

For reference, the following chart shows the Second Quarter 2007 rolling 12-month worst circuits and action forecasted for remediation.

Rank	Circuit	Name	Remedial Actions Planned or Taken
1	23714	Pine Creek	Trees and storm damage – VM inspection scheduled.
2	23780	Valley	Storms and Jumper – IR Inspection for 2007 – See 3rd Quarter Comments.
3	23922	Logans Ferry	VM inspection scheduled.
4	23716	Pine Creek	Last VM completed 4th Quarter 2004. Next VM proposed for 2008. IR Survey 7/1/04. All defects were repaired. New circuit at Wildwood substation (scheduled for 4th Quarter 2008) includes installation of additional sectionalizers to improve restoration on 23716.
5	23763	Wilmerding	Lockouts due to vehicle striking a pole and storms. This device will be monitored for further lockouts.
6	23802	Elwyn	VM inspection scheduled – circuit no longer on worst circuit list.
7	23862	Wilson	IR inspection completed and items repaired in June 2007. Circuit no longer on worst circuit list.
8	23708	North	VM inspection scheduled – see 3rd Quarter comment.
9	23682	Woodville	IR inspection completed and items repaired in May 2007. VM scheduled in 2007.
10	23801	Elwyn	The control unit for sectionalizer EA310 was replaced with a wireless unit on 9/30/06 (after an operation with unknown cause on 9/19/06). IR inspection scheduled for 2007. Lateral fusing and VM scheduled for 2008. Circuit no longer on worst circuit list.
11	23695	Brunot Island	Lateral fusing completed in 2006. Circuit no longer on worst circuit list.
12	23881	Rankin	Circuit, including first section beyond the breaker, was inspected by infrared crews in late 2006 and all hot spots were repaired by the Penn Hills Service Center. There have been no lockouts since October 17, 2006. Circuit no longer on worst circuit list.
13	4568	Dormont	Outages were related to cable failures and damage to the 4KV bus within the substation. Circuits were temporarily connected to a mobile substation until October when cooler weather permitted a scheduled outage to clean and repair the bus. Cables have been repaired and Dormont substation is running in its normal configuration. No lockouts since September 2006. This breaker will be subject to ongoing monitoring. Circuit no longer on worst circuit list.

(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.

October 1, 2006 through September 20, 2007 – One PUC Major Event Exclusion

CAUSE	NO. OF OUTAGES	OUTAGE PERCENTAGE	KVA TOTAL	KVA PERCENTAGE	KVA-MINUTE TOTAL	KVA-MINUTE PERCENTAGE
Storms	676	22%	1,314,455	23%	207,065,021	30%
Trees (Contact)	111	4%	132,138	2%	25,798,714	4%
Trees (Falling)	463	15%	950,780	17%	178,050,844	25%
Equipment Failures	924	30%	1,959,755	35%	185,678,126	26%
Overloads	231	8%	119,433	2%	10,312,011	1%
Vehicles	159	5%	354,514	6%	46,060,477	7%
Other	509	16%	860,421	15%	47,734,328	7%
TOTALS	**3,073**	**100%**	**5,691,496**	**100%**	**700,699,521**	**100%**

Equipment failures were mainly due to Transformers and Cables (URD and Underground). Duquesne Light has a program to rehabilitate older URD plans to mitigate the amount of failures in these URD plans.

(e)(6) Quarterly and year-to-date information on progress toward meeting transmission and distribution inspection and maintenance goals/ objectives.

2007 Transmission and Distribution Goals and Objectives

Program Project	Unit of Measurement	Target for 2007 3Q	Actual for 2007 3Q	Percent Complete	Targets for Year 2007	Actual YTD	Percent Complete
Communications Goals							
Telecom Battery Maintenance	Batteries	31	19	61%	124	92	74%
Microwave Radio Maintenance	Radio Units	0	0	N/A	20	2	10%
Overhead Distribution Goals							
Sectionalizer/Recloser Control	Control Units	23	7	30%	148	194	131%
Sectionalizer Upper Switch	Switches	30	0	0%	210	143	68%
Overhead Transmission Goals							
Tower Helicopter Inspections	Number of Towers	0	556	N/A	500	556	111%
Tower Ground Detail Inspections	Number of Towers	100	0	N/A	300	0	0%
Substations Goals							
Breaker Maintenance	Breakers	188	108	57%	752	409	54%
Transformer Maintenance	Transformers	8	5	63%	81	66	81%
Station Battery Maintenance	Batteries	280	298	106%	1,120	785	70%
Station Relay Maintenance	Relays	196	432	220%	784	1,206	154%
Underground Distribution Goals							
Manhole Inspections	Manholes	75	34	45%	750	526	70%
Network Vault Inspections	Network Units	55	78	142%	550	313	57%
Network Protector Inspections	Protectors	30	75	250%	300	205	68%
Underground Transmission Goals							
Pressurization and Cathodic Protection Plant Inspection	Work Packages	13	13	100%	52	39	75%
Vegetation Management Goals							
Overhead Line Clearance	Circuit Overhead Miles	428	467	109%	1,675	1,125	67%
	Total Units	**1,457**	**2,092**	**144%**	**7,366**	**5,661**	**77%**

(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.

2nd Quarter Information (Amended)

Program	2007 Budget	2nd Qtr Actual	2nd Qtr Budget	YTD Actual	YTD Budget
Restoration of Service	4,028,000	589,857	1,083,000	1,086,431	1,880,000
Customer Commitment	2,882,000	(24,978)	718,000	442,691	1,388,000
System Maintenance	20,550,000	6,089,322	5,929,000	11,194,243	10,769,000
System Capacity & Reliability	-	-	-	-	-
Infrastructure Support	-	-	-	-	-
Net Clearing	10,675,000	3,000,713	2,669,000	5,448,110	5,337,000
Total Work Plan	**38,135,000**	**9,654,914**	**10,399,000**	**18,171,475**	**19,374,000**

3RD Quarter Information

Program	2007 Budget	3rd Qtr Actual	3rd Qtr Budget	YTD Actual	YTD Budget
Restoration of Service	4,028,000	227,995	1,264,000	1,314,426	3,144,000
Customer Commitment	2,882,000	199,746	745,000	642,437	2,133,000
System Maintenance	20,550,000	4,993,697	4,936,000	16,187,940	15,705,000
System Capacity & Reliability	-	-	-	-	-
Infrastructure Support	-	-	-	-	-
Net Clearing	10,675,000	2,890,554	2,668,000	8,338,664	8,005,000
Total Work Plan.	**38,135,000**	**8,311,992**	**9,613,000**	**26,483,467**	**28,987,000**

(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.

3rd Quarter Information

Program	2007 Budget	3rd Qtr Actual	3rd Qtr Budget	YTD Actual	YTD Budget
Restoration of Service	17,000,000	8,916,884	5,001,000	18,541,456	13,165,000
Customer Commitment	20,000,000	5,756,700	5,354,000	18,012,600	14,773,000
System Maintenance	-	47,278	-	193,152	-
System Capacity & Reliability	109,400,000	19,224,548	23,270,000	68,523,886	94,341,000
Infrastructure Support	13,600,000	1,304,328	1,906,000	3,891,443	8,077,000
Net Clearing	-	(1,526,640)	-	2,654,911	-
Total Work Plan	**160,000,000**	**33,723,098**	**35,531,000**	**111,817,448**	**130,356,000**

(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. linemen, technician, and electrician).**

Telecom	Electronic Technician	6
	Sr. Electronic Tech	12
	Telecom Splicer/Trouble	7
	Test Table Tech	1
	Total	**26**
Substation	Electrical Equipment Tech	29
	Protection & Control Tech	25
	Sr. Elec. Equipment Tech	7
	Total	**61**
Underground	Apprentice T&D	7
	Driver Helper	6
	Journey UG Inspector	4
	Journey UG Splicer	17
	Sr. UG Splicer	3
	UG Cable Tester/Installer	8
	UG Mechanic	5
	Network Operator	9
	Total	**59**
Overhead	Apprentice T&D	39
	Rigger Specialist	4
	Equipment Attendant	1
	Equipment Material Handler	5
	Equipment Operator	1
	Field Inspector	4
	Journey Lineworker	89
	Lineworker 2/C	3
	Lineworker Helper	1
	Rigger Crew Leader	2
	Service Crew Leader	5
	Shop Mechanic 2 Rigger	2
	Yard Group Leader	3
	Sr. Lineworker	60
	Total	**219**
Street Light Changers	**Total**	**8**
Mobile Worker	**Total**	**2**

(e)(9) (Continued)

Engineering	Drafter	6
	General Clerk - Grad	9
	General Technician	3
	GIS Technician B	2
	Head File Record Clerk	1
	Survey Instrument	3
	Joint Use Technician	1
	Right of Way Agent A	4
	Sr. Technician	5
	T&D Mobile Worker	3
	Technician A	1
	Technician B	14
	Technician C	1
	Test Technician, Mobile	4
	Total	**57**
Service Center Technician	General Technician	1
	Sr. Technician	11
	Technician	3
	Total	**15**
Traveling Operator/Troubleshooter	Senior Operator	25
	Traveling Operator	1
	Traveling Operator 1/C	9
	Troubleshooter	2
	Troubleshooter 1/C	12
	Total	**49**
Load Dispatcher	**Total**	**11**
Meter Technician	Meter Technician	18
	Sr. Meter Technician	21
	Total	**39**
Meter Reader	**Total**	**16**
Customer Service Representatives	Autodialing Operator	12
	Control Teller	1
	Customer Service Rep	97
	Intermediate Clerk	0
	Sr. Customer Service	3
	Telephone Switchboard	1
	Teller	3
	Total	**117**
Admin/Supervisory/Mgmt	**Total**	**397**
	TOTAL	**1,076**

(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.**

Call-Out Acceptance Rate

Month	Accepts	Refusals	Total	Percentage
July	157	241	398	39%
August	220	360	580	38%
September	99	170	269	37%

Amount of Time it Takes to Obtain the Necessary Personnel

Month	Total Calls	Workers Accepting	Average Response Time/Crew Call Out		Average Response Time/Worker	
July	43	157	24.3	1,044/43	6.6	1,044/157
August	78	220	21.9	1,709/78	7.8	1,709/220
September	33	99	31.7	1,047/33	10.6	1,047/99
3rd Quarter YTD	**154**	**476**	**24.7**	**3,800/154**	**8.0**	**3,800/476**
YTD	**383**	**1,186**	**25.9**	**9,920/383**	**8.4**	**9,920/1,186**

ATTACHMENT A

(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.**

Circuit	Name	Service Center	Device	Lockouts	Connected KVA	Last Outage	Total KVA-Minutes	Total KVA Interrupted	SAIDI	SAIFI	CAIDI
23682	Woodville	Preble	EA274	4	29,007	09/27/07	9,482,667	78,829	327	2.72	120
23922	Logans Ferry	Penn Hills	BKR	4	15,778	09/07/07	1,299,795	10,983	82	0.70	118
23714	Pine Creek	Edison	BKR	5	22,575	08/24/07	43,086,426	131,684	1909	5.83	327
23708	North	Edison	WA413	6	26,100	08/08/07	23,564,955	80,010	903	3.07	295
23716	Pine Creek	Edison	BKR	6	42,317	08/07/07	35,722,615	148,984	844	3.52	240
23717	Pine Creek	Edison	BKR	4	13,765	07/25/07	4,298,724	34,498	312	2.51	125
23780	Valley	Raccoon	BKR	5	22,224	07/13/07	14,263,274	100,262	642	4.51	142
23763	Wilmerding	Penn Hills	EA344	4	21,080	06/13/07	9,643,539	97,693	457	4.63	99

WELLSBORO ELECTRIC COMPANY

QUARTERLY RELIABILITY REPORT
57.195 REPORTING REQUIREMENTS

ORIGINAL

3rd Quarter of 2007

July-September 2007

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SECRETARY'S BUREAU

SUBMITTED BY

ROBERT S. McCARTHY
VICE-PRESIDENT, ENGINEERING AND OPERATIONS
570-724-3516

bobbym@ctenterprises.org

L-00030161

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57.195 Reporting Requirements Section (e) Item(2)

Rolling 12-Month reliability index values (SAIFI,CAIDI,SAIDI) for the EDC'S service territory for the receding quarter. The report shall include the data used in calculating the indices, namely the average number of customers served, the number of sustained customers interruptions, the number of customers affected, and the customer minutes of interruption.

WELLSBORO ELECTRIC COMPANY

ROLLING TWELVE MONTH INTERRUPTION INDEXS

3rd Quarter 2007

SAIDI	SAIFI	CAIDI
156.5	1.5	107.5

ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC

SAIDI	SAIFI	CAIDI
278	1.66	167

ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXS

SAIDI	SAIFI	CAIDI
193	1.9	95.4

ROLLING THREE YEAR AVERAGE STANDARD AS ESTABLISHED BY THE PUC

SAIDI	SAIFI	CAIDI
185	1.35	136

57.195 Reporting Requirements Section (e) Item (2)

Wellsboro Electric Company Relaibility Index SAIDI

Month	Total Customer Minutes	# Customers Served
Oct-06	154756.8	5931
Nov-06	36594	5939
Dec-06	118957.8	5938
Jan-07	69565.8	5937
Feb-07	62940	5936
Mar-07	1477.2	5940
April-07	69921.6	5935
May-07	59619.6	5945
June-07	124728.6	5957
July -07	91027.8	5970
Aug-07	116180.4	5973
Sept-07	25089	5969
	930858.6	71370

Average # Customers Served 5948

ROLLING TWELVE MONTH AVERAGE SAIDI INDEX **156.51**

57.195 Reporting Requirements Section (e) Item (2)

Wellsboro Electric Company Reliability Index SAIFI

Month	# Customers Interrupted	# Customers Served
Oct-06	1444	5931
Nov-06	337	5939
Dec-06	35	5938
Jan-07	718	5937
Feb-07	1778	5936
Mar-07	18	5940
April-07	435	5935
May-07	691	5945
June-07	755	5957
July-07	846	5970
Aug-07	1579	5973
Sept-07	286	5969
	8922	71370

Average Customers Served 5948

Rolling Twelve Month Average SAIFI Index 1.50

57.195 Reporting Requirements Section(e) Item (2)

Wellsboro Electric Company Relaibility Index CAIDI

Month	Total Customer Minutes	# Customers Interrupted
Oct-06	154756.8	1444
Nov-06	36594	337
Dec-06	118957.8	35
Jan-07	69565.8	718
Feb-07	62940	1778
Mar-07	1477.2	18
April-07	69921.6	435
May-07	59619.6	691
June-07	124728.6	755
July-07	91027.8	846
Aug-07	116180.4	1579
Sept-07	25089	18
	930858.6	**8654**

Rolling Twelve Month Average CAIDI Index **107.56**

57.195 Reporting Requirements Section (e) Item (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.

Date	Time of Event	Duration of event	# Cust Affected	# Cust Hours	Cause

NONE IN THIRD QUARTER

The following programs or procedures are in place at Wellsboro Electric Company in an attempt to control outages. Animal related outages accounted for 23% of our outages for this rolling twelve month period. Wellsboro has an animal cover-up program in place, our policy is to install an insulated animal guard on each pole mount distribution transformer that is installed, also if an overhead distribution transformer is involved in an outage due to animal contact that transformer or electrical equipment is insulated to prevent future animal related outages. All new distribution transformers on our 12 Kv system is an internally fused transformer thus preventing the need to install a fused cutout on the transformer for protection plus one less piece of equipment to cover up and maintain. This also lowers the cost of installation in addition all lead wire from the transformer or electrical equipment has an insulated lead wire installed from the equipment to the primary line.

Equipment failure continues to be a large cause of outages. For this period equipment failure accounted for 23.8% of the outages, the majority of these were caused by Porcelain cutout failure. Wellsboro continues to change these types of cutouts anytime we are working a pole that has porcelain cutouts; they are replaced with the polymer type.

Tree contact accounted for 19.2% of the total outages for this period, Wellsboro is currently wrapping up the 2007 ROW of clearing contract with Asplundh Tree Experts in 2007 Wellsboro bid 35 miles of distribution circuit under a lump sum contract to Asplundh, We continue to identify and remove hazard trees along the right of way both during the ROW trimming contract and during normal line patrols by in house crews.

Unknown reason for an outage accounted for 14.9% of the total outages. A circuit or line that experiences an outage that the trouble crew could not identify the cause at the time of the outage is subject to further review by Wellsboro Electric Company Engineering and Operations employees in an attempt to determine what may have caused the outage; this inspection may include a pole to pole inspection of the outage area.

The third quarter of 2007, mainly during the month of August, Wellsboro had a significant increase in weather related outages, it seemed every few days a isolated thunderstorm would move across our distribution system and cause significant damage to very isolated areas of the system resulting broken poles, transformers and related equipment. During the Month of August 2007 Wellsboro had 43 outages during the month affecting 1579 customers for a total of 1936.34 customer hours, of these totals 18 of these outages was caused by lightning affecting 519 customers for 628.17 customer hours, high wind accounted for 5 outages affecting 394 customers for 898.90 customer hours and six of the outages were caused by tree contact during thunderstorms " All of these tree related outages were from off right of way trees" which affected 190 customers for 153.65 customer hours.

Wellsboro has been attempting to monitor tree related outages in an attempt to distinguish between on and off right of way trees during the third quarter outages at least 70% of the outages that was caused by tree contact were caused by off right of way trees

and the majority of these were during weather events. Done of the weather events in the third quarter qualified for a major event.

57.195 Reporting Requirements Section (e) Item (5)

A rolling 12-month breakdown and analysis of outage causes during the receding quarter including the number and percentage of service outages, the number of customers interrupted, and customer interruption minutes catergorized by outage cause such as equipment failure, animal contact, tree related, and so forth. Proposed solutions to indentified service problems shall be reported.

Outage Cause	# Customers Affected	# of Outages	Customer Minutes	Percentage of Outages
Animals	883	60	36586	23.0%
Vehicles	289	6	55965	2.3%
Decay	62	2	372	0.8%
Dig-in	0	0	0	0.0%
Electrical Overload	1753	2	61366.2	0.8%
Equipment Failure	1768	62	173920.8	23.8%
Fire				0.0%
Ice,Sleet,Frost	0	0	0	0.0%
Lightning	1078	35	115332.6	13.4%
Rain	0	0	0	0.0%
Trees	2249	50	270886.8	19.2%
Unknown Cause	331	39	21161	14.9%
Vandalism				
Wind	525	5	23318	1.9%
	8938	261	758908.4	100.0%

Robert R. Stoyko
Vice President - Electric Distribution

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October 31, 2007

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

SENT VIA FEDERAL EXPRESS

RE: **Quarterly Electric System Reliability Report**
12 Months Ending September 30, 2007

Dear Secretary McNulty:

Pursuant to the Commission's May 7, 2004 Final Rulemaking Order amending Electric Service Reliability Regulations (52 Pa. Code §§57.191 - 57.197) at Docket Nos. L-00030161 and M-00991220, UGI Utilities, Inc. - Electric Division ("UGI") hereby files an original and six copies of its Quarterly System Reliability Report. This report contains SAIDI, SAIFI, and CAIDI results on a 12-month rolling basis for the period ending September 30, 2007 along with the raw data from the same period. The actual statistics continue to be favorable to both the benchmark and standard adopted for UGI. Also included is a breakdown of outages by cause for the 12 months ending September 30, 2007.

The Office of Consumer Advocate, the Office of Small Business Advocate, the Bureau of Audits, and the Bureau of Conservation, Economics and Energy Planning have each been served with copies of this filing.

Questions related to the attached report should be directed to Ms. Abigail J. Hemmerich at (610) 796-3431 or email ahemmerich@ugi.com.

Kindly acknowledge receipt of this filing by date stamping the enclosed copy of this letter and returning it in the enclosed stamped, self-addressed envelope.

Sincerely,

Robert R. Stoyko
Vice President – Northern Region
Attachment

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cc: **FEDERAL EXPRESS**

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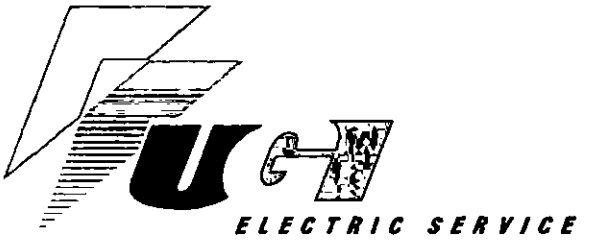

UGI Utilities, Inc. – Electric Division
System Reliability Report:
Quarterly Update

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November 1, 2007

§ 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.

No major events occurred during the preceding quarter.

§ 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.

The 12 month rolling reliability results for UGI's service area are as follows:

	SAIFI	SAIDI	CAIDI
12-Month Standard	**1.12**	**256**	**228**
12-Month Benchmark	**0.83**	**140**	**169**
12 months Ended September, 2007	.78	120	154

SAIFI – System Average Interruption Frequency Index
SAIDI – System Average Interruption Duration Index
CAIDI – Customer Average Interruption Duration Index

Raw Data: October 2006 - September 2007

Month	SI	TCI	TCB	TMCI
Oct-2006	46	4,878	61,798	318,041
Nov-2006	40	2,310	61,999	349,741
Dec-2006	65	6,077	62,029	952,837
Jan-2007	12	242	62,085	19,314
Feb-2007	13	91	62,134	10,983
Mar-2007	28	1,173	62,163	132,863
Apr-2007	77	6,367	62,001	968,682
May-2007	26	857	61,909	232,644
Jun-2007	123	10,461	61,854	2,481,067
Jul-2007	45	3,185	61,892	295,789
Aug-2007	68	11,557	61,944	1,436,147
Sep-2007	35	1,111	61,918	219,664
TOTAL	*578*	*48,309*	*61,977 **	*7,417,772*

SI - Sustained Interruptions
TCI - Total Customers Interrupted
TCB - Total Customer Base (*12-month arithmetic average)
TMCI - Total Minutes Customer Interruption

Note: There were no major events excluded from the numbers used in calculating the indices.

The current and prior quarterly system reliability reports have both shown an increase in each of our reliability indices. As reported last quarter, two separate storms during June 2007 resulted in over 150 repair incidents and affected over 6,500 customers.

In early August 2007, over 6,700 customers were affected by three separate outages over a two-day period. On August 7, a private contractor struck an underground cable. On August 8 a severe lightning and wind storm swept through our territory causing additional outages. The third outage, also on August 8, resulted from a failed wire crimp leading into a switch near one of our substations. The crimp failed during a rain storm despite having passed inspection during the past year. This non-typical failure was the result of water seeping into the crimp fixture.

The results from these outages are included in the data above and have consequently negatively impacted our reliability indices.

SAIFI
The 12-month rolling SAIFI index increased 14.7% from 0.68 in our last quarterly report to 0.78 for the period ending September 2007.

SAIDI
The SAIDI value for the 12 months ending September 2007 is 120. This result is 16.5% higher than results reported through June 2007.

CAIDI
The CAIDI result of 154 for the 12-month reporting period ending September 2007 is 2.7% higher than results reported through June 2007.

Despite the outages reported above during June and August 2007, all indices continue to track below UGI's benchmark level.

§57.195(e)(5)–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 the 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.

Outage by Cause: October 2006 - September 2007

Cause	% of Total Incidents	Number of Interruptions	Customers Interrupted	Minutes Interrupted
Animal	12.28%	71	1,182	106,094
Company Agent	0.35%	2	1,935	136,470
Construction Error	0.52%	3	31	6,986
Customer Problem	0.69%	4	5	757
Equipment Failure	32.70%	189	17,273	1,653,493
Lightning	7.27%	42	1,714	315,457
Motor Vehicle	5.36%	31	6,509	830,496
Other	0.17%	1	5	575
Public	2.25%	13	199	18,560
Structure Fire	0.69%	4	31	3,391
Trees	27.85%	161	12,990	3,178,940
Unknown	4.50%	26	1,959	311,364
Weather/Ice	0.52%	3	40	14,854
Weather/Wind	4.84%	28	4,436	840,335
TOTAL	*100.00%*	*578*	*48,309*	*7,417,772*

Proposed Solutions to Identified Problems:

Thirty-three percent of the outages reported above resulted from equipment failure. A significant portion of these equipment failures are attributed to a problem with the A. B. Chance fuse cutouts utilized on the UGI system. As discussed in previous reports, UGI has implemented a replacement program to actively identify and replace these defective parts. The replacement work effort is ongoing.

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Akron, Ohio 44308

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SECRETARY'S BUREAU

November 1, 2007

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

Re: Joint 3rd 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 3rd Quarter 2007 Reliability Report – Public Version.

L-00030161 On December 22, 2004, the Companies filed an Application for Protective Order at Docket No. ~~L-00030161~~. The Application was granted, allowing the Companies to file a proprietary version of the quarterly reliability report. The Proprietary Version of this report is being filed under separate cover.

Sincerely,

Douglas S. Elliott
President, Pennsylvania Operations

Eric J. Dickson
Director, Operations Services

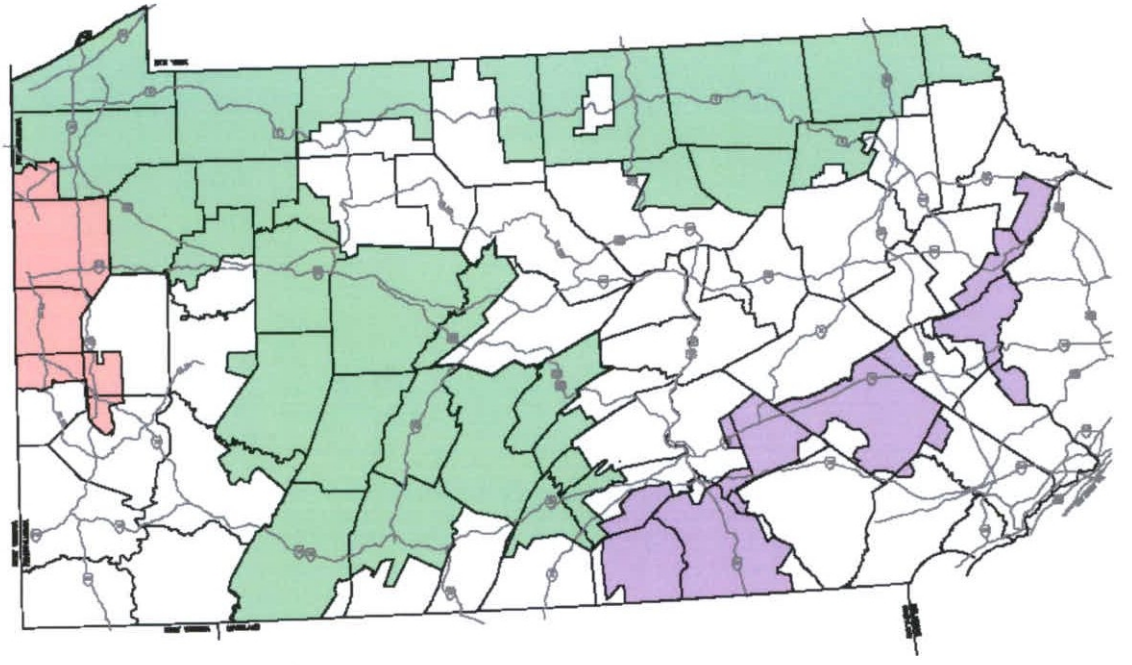
Enclosures

66

PUBLIC VERSION

FirstEnergy

Joint 3rd Quarter 2007 Reliability Report – Pennsylvania Power Company, Pennsylvania Electric Company, and Metropolitan Edison Company Pursuant to 52 PA Code §57.195(e)



PennPower
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Penelec
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Met-Ed
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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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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 separate cover.

Sincerely,

Douglas Elliott / RC
Douglas S. Elliott
President, Pennsylvania Operations

Eric Dickson / RC
Eric J. Dickson
Director, Operations Services

Joint 3rd 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 September 30, 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

FirstEnergy Company	***Customers Affected***	***Major Event***		***Customer Minutes***	***Description***	***Commission Approval Status***
Penn Power	15,842	Duration	22 hours 45 minutes	3,120,490	Multiple Lightning Strikes, Heavy Rainfall, High Winds, and Hail	September 18, 2007
		Start Date / Time	July 27, 2007 9:48 p.m.			
		End Date / Time	July 28, 2007 8:33 p.m.			

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

3Q 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	1.15	1.26	1.52	1.61	1.15	1.38	1.74
CAIDI	101	121	127	117	141	108	117	140	121
SAIDI	113	162	146	148	213	173	135	194	211
Customers Served [a]	157,752			585,606			540,773		
Number of Sustained Interruptions	3,236			12,151			9,548		
Customers Affected	181,931			941,542			940,552		
Customer Minutes	23,100,016			101,184,220			114,096,215		

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

Summary of Reliability Improvement:

Penn Power

SAIFI — 5% improvement over 12-Month Rolling Actual for 2Q 2007
14% better than Commission's 12-Month Standard.

SAIDI — 2% improvement over 12-Month Rolling Actual for 2Q 2007
10% better than Commission's 12-Month Standard.

Penelec

CAIDI — 23% better than Commission's 12-Month Standard.

SAIDI — 19% better than Commission's 12-Month Standard.

Met-Ed

SAIFI	3% improvement over 12-Month Rolling Actual for 2Q 2007.
CAIDI	2% improvement over 12-Month Rolling Actual for 2Q 2007. 14% better than Commission's 12-Month Standard.
SAIDI	4% improvement over 12-Month Rolling Actual for 2Q 2007

Met-Ed Focused Reliability Audit

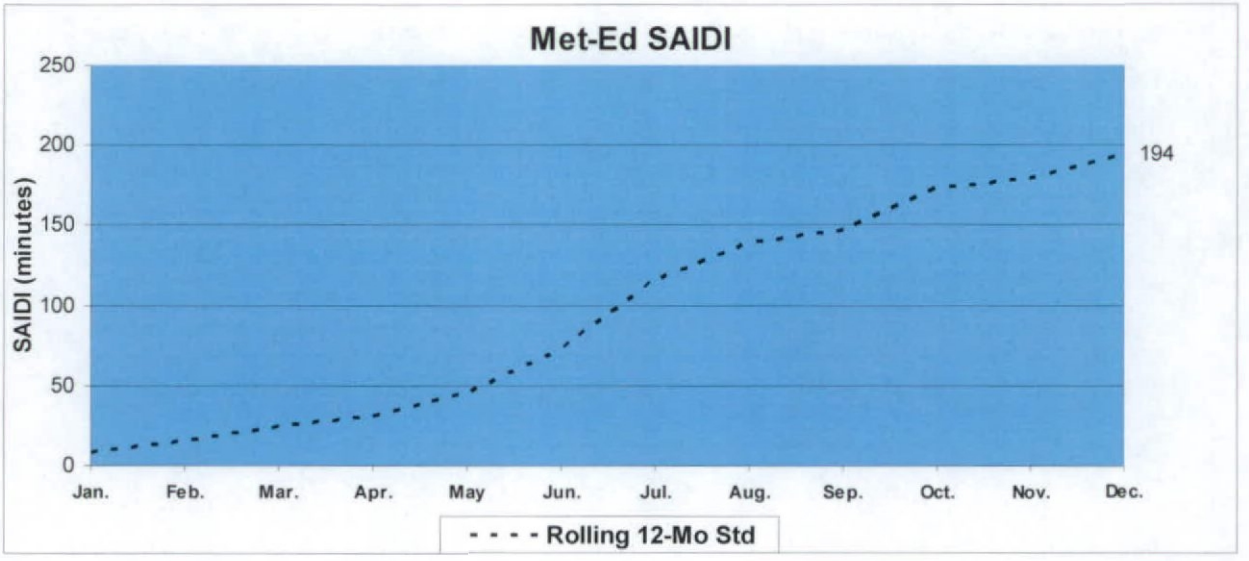
In July 2007, results of the Focused Reliability Audit of Met-Ed were completed and the final report was issued. The audit report contained 18 formal recommendations, which Met-Ed has adopted and is aggressively pursuing. In addition, this audit confirmed the action plans Met-Ed is currently implementing to improve reliability.

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.

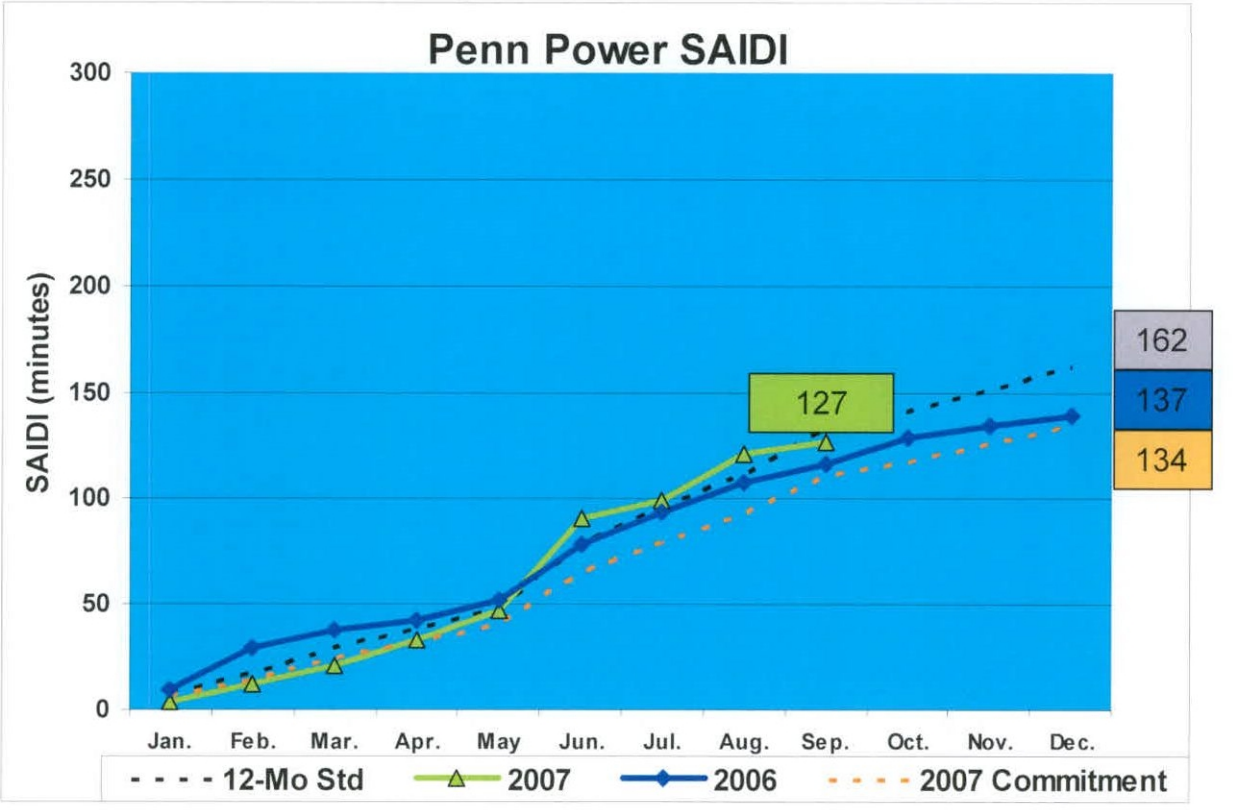
Normalized Trend

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.



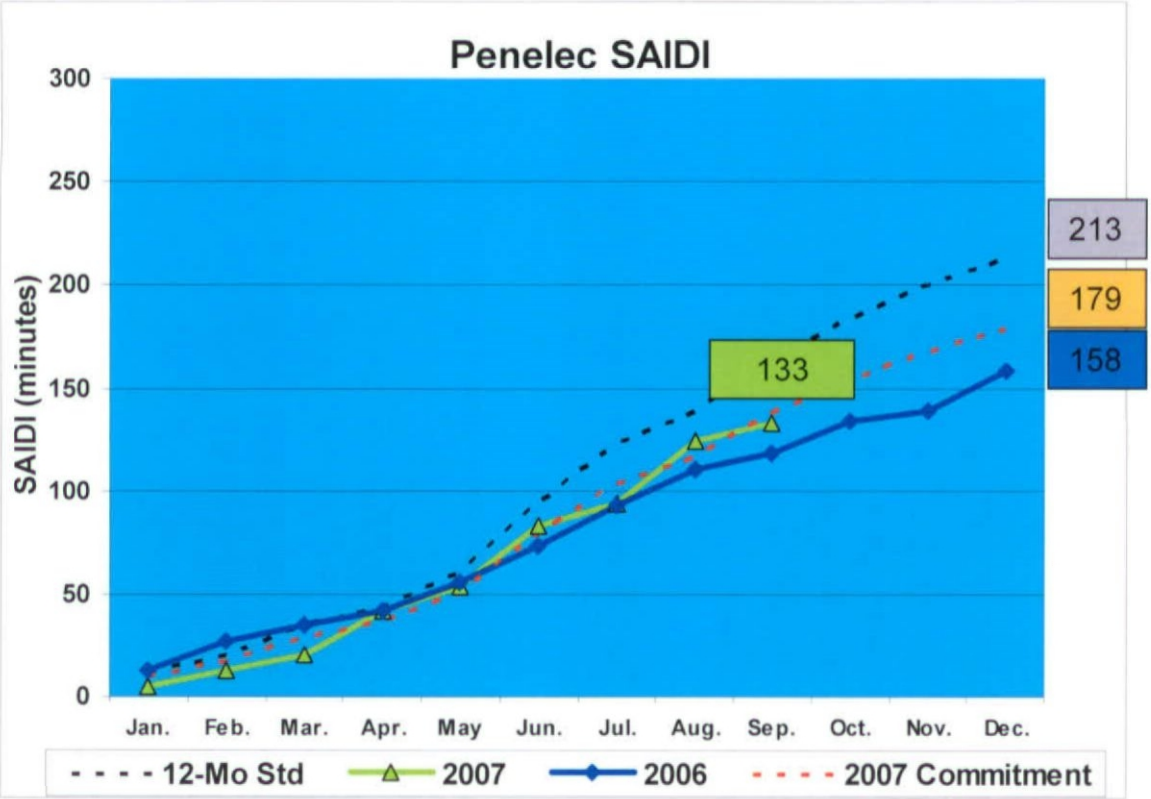
The Companies have trended year-to-date SAIDI for 2007, as shown in the following pages, such that each Company's performance can be readily compared to both SAIDI performance from the previous year, as well as the Commission's Rolling 12-Month Standard.

The increase in the 2007 trend line(s) for each of the Operating Companies reflects the impact of weather events that affected their respective service territories. These weather events did not meet the threshold for a Request for Exclusion of Major Outage for Reliability Reporting Purposes (see § 57.195(e)(1)). The tables, following each Company's trend line graph, further illustrate the SAIDI impact of these non-excludable events.



3rd Quarter 2007 Non-Excludable Events with a ≥ 1 minute impact on SAIDI

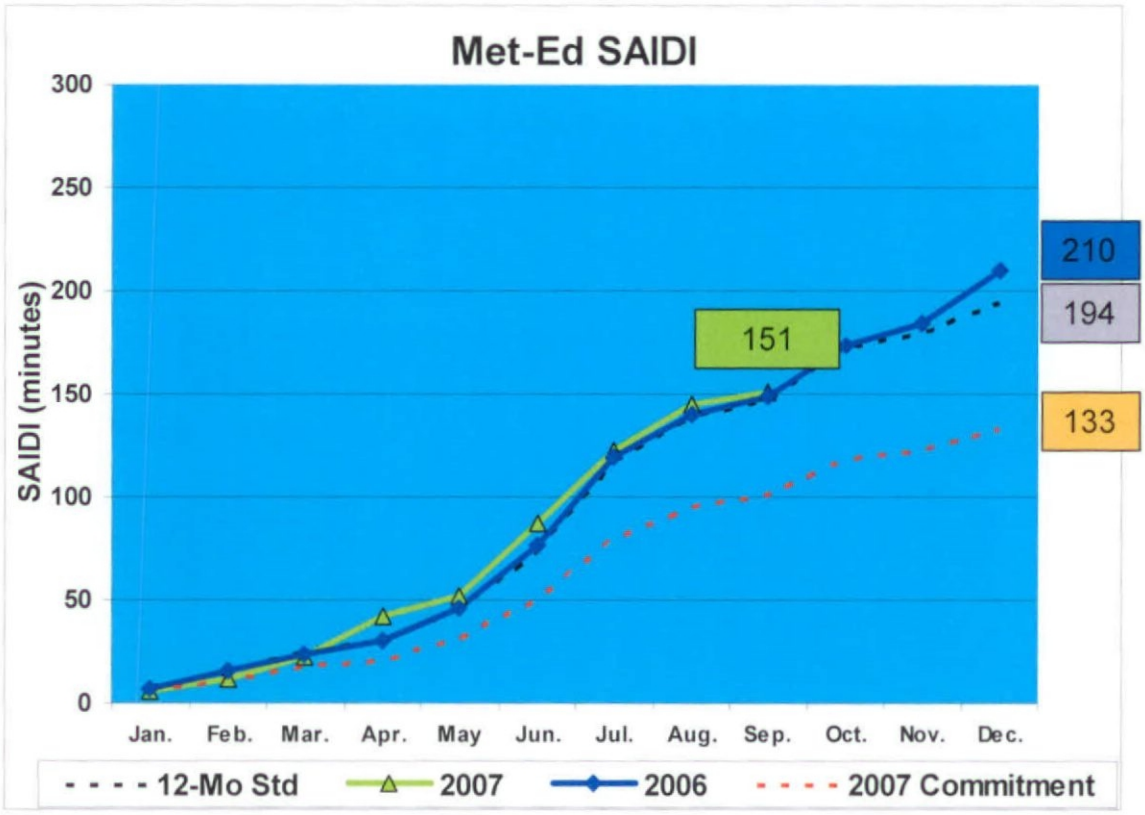
Penn Power				
Start Date	**Customers Affected**	**Customer Minutes Interrupted**	**Cause**	**SAIDI Impact**
Aug 7	10,960	1,728,630	Thunderstorm	11
Total	**10,960**	**1,728,630**		**11**



3rd Quarter 2007 Non-Excludable Events with a ≥ 1 minute impact on SAIDI

Penelec				
Start Date	**Customers Affected**	**Customer Minutes Interrupted**	**Cause**	**SAIDI Impact[a]**
July 28	4,351	666,198	Thunderstorm	1
Aug 2	8,573	831,187	Thunderstorm	1
Aug 7	35,002	3,468,589	Thunderstorm	6
Aug 17	2,350	765,486	Thunderstorm	1
Aug 23	40,025	6,375,127	Thunderstorm	11
Aug 30	3,490	265,427	Thunderstorm	1
Sept 8	6,293	831,664	Thunderstorm	1
Sept 26	3,525	1,459,053	Thunderstorm	3
Sept 27	4,164	539,052	Thunderstorm	1
Total	**107,773**	**15,201,783**		**26**

[a]Column may not add to total due to rounding.



3rd Quarter 2007 Non-Excludable Events with a ≥ 1 minute impact on SAIDI

Met-Ed				
Start Date	**Customers Affected**	**Customer Minutes Interrupted**	**Cause**	**SAIDI Impact[(a)]**
July 10	22,488	11,369,559	Thunderstorm	21
July 27	37,392	3,473,074	Thunderstorm	7
Aug 3	14,767	1,883,709	Rain/Wind	4
Aug 8	5,923	956,256	Thunderstorm	2
Aug 9	8,717	709,327	Thunderstorm	1
Aug 25	24,908	2,643,596	Thunderstorm	5
Sept 27	2,447	289,699	Thunderstorm	1
Total	**116,642**	**21,325,220**		**39**

[(a)] **Column may not add to total due to rounding.**

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

Worst Performing Circuits – Reliability Indices

Penn Power, Penelec, and Met-Ed's ranking of the 5% Worst Performing Circuits are provided in Attachment A1 of this report.

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

Worst Performing Circuits – Remedial Action

Penn Power, Penelec, and Met-Ed's Remedial Action for Worst Performing Circuits are provided in Attachment B1 of this report.

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

Outages by Cause

Outages by Cause – Penn Power

Outages by Cause				
3Q 2007 12-Month Rolling	**Penn Power**			
Cause	**Customer Minutes**	**Number of Sustained Interruptions**	**Customers Affected**	**% Based on Number of Outages**
Trees Non-Preventable	9,260,081	592	51,891	18.29%
Lightning	2,495,202	583	17,854	18.02%
Equipment Failure	3,463,574	424	34,602	13.10%
Unknown	1,065,002	364	12,292	11.25%
Animal	822,804	333	13,088	10.29%
Line Failure	2,655,537	278	19,458	8.59%
Bird	257,039	203	3,593	6.27%
Overload	356,708	162	4,619	5.01%
Vehicle	1,748,617	111	12,703	3.43%
Human Error -Non-Company	204,544	46	2,276	1.42%
Previous Lightning	34,501	39	346	1.21%
Forced Outage	203,249	31	3,602	0.96%
Object Contact With Line	47,634	13	367	0.40%
Trees/Preventable	368,767	13	3,156	0.40%
Underground Dig-Up	14,442	11	83	0.34%
Human Error - Company	12,612	10	240	0.31%
Fire	11,029	7	84	0.22%
Customer Equipment	1,325	6	17	0.19%
Wind	23,444	3	21	0.09%
Contamination	1,231	2	17	0.06%
Ice	488	2	3	0.06%
Other Utility-Non Electric	114	1	1	0.03%
Switching Error	51,741	1	1,617	0.03%
Vandalism	331	1	1	0.03%
Total	**23,100,016**	**3,236**	**181,931**	**100.00%**

Proposed Solutions – Penn Power

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 / Priority trees as part of their daily work routine. The Danger / Priority Tree program identifies off right-of-way trees that present a hazard to power lines. Under this program all circuits that have had "Trees Non-Preventable" caused outages are prioritized based on customer outage minutes. A patrol of the three-phase backbone of each circuit is performed and Penn Power Foresters work with private property owners to remove any potentially dangerous tree conditions. This program was implemented for 2007 and is in addition to the normal tree trimming maintenance program.

Lightning

To mitigate lightning-caused outages, Penn Power is installing / replacing lightning arresters through the Customers Experiencing Multiple Interruptions ("CEMI") improvement program. In addition, the adaptive relaying program at substations helps to prevent sustained lightning outages.

Penn Power's review has shown an increase in the number of outages from arresters. 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, Penn Power is aggressively using Fault Analysis and Lightning Location System ("FALLS") data and other root cause analyses to determine causes for unknown 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 shown an increase in the number of outages from cutouts. Porcelain cutouts were found to be the major cause for cutout-related outages, resulting in the discontinued use of porcelain cutouts for new installations, and older porcelain cutouts are being replaced with new polymer cutouts when they fail.

Outages by Cause – Penelec

Outages by Cause				
3Q 2007 12-Month Rolling	**Penelec**			
Cause	**Customer Minutes**	**Number of Sustained Interruptions**	**Customers Affected**	**% Based on Number of Outages**
Equipment Failure	27,840,113	3,514	298,293	28.92%
Trees Non-Preventable	30,408,796	1,771	182,142	14.57%
Unknown	6,625,031	1,554	109,216	12.79%
Animal	1,899,364	1,293	28,183	10.64%
Lightning	8,133,373	1,230	71,844	10.12%
Line Failure	9,670,477	799	88,039	6.58%
Vehicle	5,818,168	382	48,583	3.14%
Bird	1,134,948	338	17,131	2.78%
Previous Lightning	245,197	243	1,851	2.00%
Wind	3,110,417	175	9,064	1.44%
Overload	840,550	173	12,969	1.42%
Human Error -Non-Company	654,705	126	14,936	1.04%
Trees/Preventable	550,721	116	4,792	0.95%
Forced Outage	705,620	95	9,770	0.78%
Underground Dig-Up	254,926	56	2,849	0.46%
Other Electric Utility	79,805	52	1,346	0.43%
Contamination	90,763	51	813	0.42%
Object Contact With Line	1,224,117	42	8,159	0.35%
Human Error - Company	289,043	39	21,521	0.32%
Fire	1,212,028	36	4,431	0.30%
Customer Equipment	147,270	33	2,292	0.27%
Ice	30,225	13	102	0.11%
Other Utility-Non Electric	70,218	11	570	0.09%
Vandalism	94,531	6	1,522	0.05%
Call Error	51,329	2	711	0.02%
Switching Error	2,485	1	413	0.01%
Total	**101,184,220**	**12,151**	**941,542**	**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.

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 / Priority trees as part of their daily work routine. The Danger / Priority Tree program identifies off right-of-way trees that present a hazard to power lines. Under this program all circuits are prioritized by customer minutes due to "Trees Non-Preventable" outages. A patrol of the entire circuit is performed and Penelec works with private property owners to remove any potentially dangerous tree conditions. This program was implemented for 2007-2008 and is in addition to the normal tree trimming maintenance program.

Unknown Outages

Some 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.

Outages by Cause – Met-Ed

Outages by Cause				
3Q 2007 12-Month Rolling	**Met-Ed**			
Cause	**Customer Minutes**	**Number of Sustained Interruptions**	**Customers Affected**	**% Based on Number of Outages**
Equipment Failure	22,419,195	2,123	203,209	22.24%
Unknown	14,770,594	1,805	188,956	18.90%
Trees Non-Preventable	37,758,168	1,445	188,302	15.13%
Animal	3,250,619	1,438	52,101	15.06%
Lightning	8,680,649	864	78,212	9.05%
Line Failure	8,478,625	504	51,605	5.28%
Vehicle	8,415,827	322	59,914	3.37%
Trees/Preventable	2,912,920	273	16,064	2.86%
Overload	1,232,967	159	11,346	1.67%
Forced Outage	2,274,887	151	53,851	1.58%
Human Error -Non-Company	1,113,442	111	16,134	1.16%
Bird	65,447	62	602	0.65%
Previous Lightning	342,814	58	3,808	0.61%
Underground Dig-Up	234,085	58	1,123	0.61%
Human Error - Company	162,452	42	3,434	0.44%
Fire	293,397	28	2,357	0.29%
Wind	1,122,342	22	1,459	0.23%
Customer Equipment	20,228	21	160	0.22%
Object Contact With Line	143,255	19	1,947	0.20%
Contamination	26,862	15	1,615	0.16%
Ice	80,046	11	836	0.12%
Vandalism	204,845	7	1,286	0.07%
Other Utility-Non Electric	32,933	4	709	0.04%
Switching Error	58,711	3	1,516	0.03%
Other Electric Utility	847	2	5	0.02%
Call Error	58	1	1	0.01%
Total	**114,096,215**	**9,548**	**940,552**	**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. Unknown outages often result from previous lightning-precipitated damage. To mitigate future residual affects from lightning damage, 17 distribution circuits with a high frequency of lightning and unknown interruptions are in the process of having additional lightning protection installed.

Trees Non-Preventable

"Trees Non-Preventable" Outages are difficult to predict or mitigate. Met-Ed has taken steps to reduce the number and impact of these events. One step is to review each tree caused outage involving a circuit lockout to determine the nature of the tree problem and condition of the right-of-way. A patrol and follow-up spot trimming may result from this review. The second step is the Danger / Priority Tree program that identifies off right-of-way trees that present a hazard to power lines. Under this program all circuits that have had "Trees Non-Preventable" caused outages are prioritized based on customer outage minutes. A patrol of the three-phase backbone of each circuit is performed and Met-Ed Foresters work with private property owners to remove any potentially dangerous tree conditions. This program was implemented for 2007-2008 and is in addition to the normal tree trimming maintenance program.

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 3Q 2007			Penn Power			Penelec			Met-Ed		
			Planned	Completed		Planned	Completed		Planned	Completed	
			Annual	3Q	YTD	Annual	3Q	YTD	Annual	3Q	YTD
Forestry[a]	Transmission (Miles)		27	41	76	764	169	253	363	40	215
	Distribution (Miles)		1,593	72	723	4,590	804	2,238	2,872	365	1,555
Transmission	Aerial Patrols		2	0	1	2	0	1	2	0	1
	Groundline Inspections[b]		0[c]	0	0	3,068	1,419	1,419	527	0	0
Substation	General Inspections		1,020	255	765	5,495	1,373	4,121	2,892	716	2,161
	Transformers		123	3	123	679	141	667	418	88	416
	Breakers		17	0	11	278	60	263	180	66	134
	Relay Schemes		171	26	114	471	32	464	320	44	209
Distribution	Capacitor Inspection		870	0	870	8,163	0	8,163	4,045	0	4,045
	Pole Inspections		13,119	2,677	13,579	46,052	12,144	42,863	27,585	6,103	23,941
			Planned	**Completed**		**Planned**	**Completed**		**Planned**	**Completed**	
	Recloser Inspection (quarterly)	1Q	623	623		2,061	2,061		905	811	
		2Q	623	623		2,061	2,149		905	827	
		3Q	623	632		2,061	2,164		905	919	
		4Q	623			2,061			905		
	Radio-Controlled Switches (twice per year)	1st half 2007	Penn Power has no radio controlled switches			871	871		17	17	
		2nd half 2007				886	104[d]		17	0[d]	

(a) Bulk of maintenance work to be performed during the 3rd and 4th quarters. All work is scheduled to be completed by year-end 2007.
(b) Transmission groundline inspections:
- Transmission groundline inspections started 3Q and are on schedule to be completed by year-end 2007.
- Penn Power includes 138 and 69 kV
- Penelec includes 345, 230, 138, and 115 kV
- Met-Ed includes 230, 115 and 69 kV

(c) Penn Power's Plan reflects accelerated groundline inspections from previous years.
(d) 2nd half of radio controlled switches are on schedule to be completed by year-end 2007.

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 (3Q and YTD September 2007)						
Company	**PUC Category**	**3Q Actual**	**3Q Budget**	**YTD Actual**	**YTD Budget**	**Annual Budget**
Penn Power	Corrective Maintenance	459,270	448,816	1,938,674	1,356,436	1,815,600
	Preventive Maintenance	87,887	48,221	346,484	141,894	190,116
	Storms	172,899	245,039	840,066	735,652	987,754
	Vegetation Management	748,485	1,150,419	2,948,749	3,451,258	4,601,677
	Miscellaneous	1,716,707	1,182,318	3,648,650	3,907,400	5,159,604
	Operations	587,294	632,138	1,985,905	1,803,231	2,422,531
Penn Power Total		**3,772,542**	**3,706,951**	**11,708,528**	**11,395,871**	**15,177,282**
Penelec	Corrective Maintenance	1,110,504	1,902,487	3,056,934	5,699,886	7,644,572
	Preventive Maintenance	842,559	1,387,323	2,759,499	4,155,979	5,576,868
	Storms	1,010,654	1,416,557	1,820,994	3,531,308	4,191,269
	Vegetation Management	3,850,633	3,270,352	8,505,538	9,811,055	13,081,407
	Miscellaneous	6,017,915	3,771,517	17,582,817	11,359,212	15,413,265
	Operations	5,776,884	6,007,232	17,530,789	17,098,990	22,660,959
Penelec Total		**18,609,149**	**17,755,468**	**51,256,571**	**51,656,430**	**68,568,340**
Met-Ed	Corrective Maintenance	1,538,682	1,663,652	5,069,039	5,012,423	6,711,542
	Preventive Maintenance	685,936	897,981	1,934,481	2,699,628	3,603,295
	Storms	1,858,328	1,212,270	4,009,497	3,662,072	4,899,603
	Vegetation Management	1,434,327	3,124,421	6,870,733	9,373,262	12,497,683
	Miscellaneous	3,865,235	3,500,867	11,739,101	10,358,818	14,097,575
	Operations	4,515,221	4,589,419	12,940,557	13,092,228	17,756,112
Met-Ed Total		**13,897,729**	**14,988,610**	**42,563,408**	**44,198,431**	**59,565,810**
Grand Total		**36,279,420**	**36,451,029**	**105,528,507**	**107,250,732**	**143,311,432**

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.
- 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 with 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 (actual and budget)
  - Removed MISO Network Integration Transmission Service expenses from Penn Power (actual and budget)
- T&D O&M defintions:
  - 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 – 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.

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) (3Q and YTD September 2007)						
Company	**PUC Category**	**3Q Actual**	**3Q Budget**	**YTD Actual**	**YTD Budget**	**Annual Budget**
Penn Power[a]	New Business	1,573,777	1,887,062	4,978,126	4,573,938	6,409,734
	Reliability	5,852,183	3,620,872	8,296,527	9,718,918	12,233,969
	Capacity	729,069	143,960	3,233,888	2,864,181	3,259,669
	Miscellaneous	331,197	485,356	1,234,201	1,056,703	1,085,654
	Forced	1,346,525	1,012,875	2,636,699	2,600,773	3,176,422
	Vegetation Management	4,574	80,726	17,337	250,833	335,524
Penn Power Total		**9,837,325**	**7,230,851**	**20,396,778**	**21,065,346**	**26,500,972**
Penelec	New Business	5,155,061	4,923,108	15,248,952	15,469,168	20,785,660
	Reliability	8,620,715	5,236,248	21,816,765	18,797,679	23,410,671
	Capacity	2,065,921	736,428	5,449,104	4,620,869	5,798,869
	Miscellaneous	3,145,781	2,154,170	9,046,561	7,271,673	9,233,839
	Forced	5,772,020	7,393,769	14,644,750	20,921,810	28,006,884
	Vegetation Management	1,219,231	786,875	3,479,289	2,271,667	3,074,976
Penelec Total		**25,978,729**	**21,230,598**	**69,685,421**	**69,352,866**	**90,310,899**
Met-Ed	New Business	7,434,359	6,483,035	20,469,203	19,010,872	25,959,628
	Reliability[b]	8,365,716	4,614,662	22,855,108	16,067,305	19,729,925
	Capacity	2,587,489	2,259,659	17,944,460	18,176,424	22,951,673
	Miscellaneous	1,397,759	1,554,692	4,047,525	4,598,698	5,586,850
	Forced	3,148,392	2,580,100	6,730,911	6,567,014	8,636,257
	Vegetation Management	1,707,181	157,199	2,196,781	442,779	608,133
Met-Ed Total		**24,640,896**	**17,649,347**	**74,243,988**	**64,863,092**	**83,472,466**
Grand Total		**60,456,950**	**46,110,796**	**164,326,187**	**155,281,304**	**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.

[b] Met-Ed was authorized to exceed budget for reliability projects for distribution system reliability projects.

General Notes:

- Capital dollars are net of Contribution In Aid of Construction ("CIAC") amounts and exclude facilities costs (i.e. buildings).
- T&D Capital defintions:
  - 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 – 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.

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					
Department	**Staff**	**1Q**	**2Q**	**3Q**	**4Q**
Line	Leader / Chief	30	29	29	
	Lineman	48	61	58	
Substation	Technician	6	6	6	
	Construction & Maintenance (C&M)	15	14	14	
	Total	**99**	**110**	**107**	

Penelec					
Department	**Staff**	**1Q**	**2Q**	**3Q**	**4Q**
Line	Leader / Chief	150	148	146	
	Lineman	154	167	176	
Substation	Technician[(a)]	0	0	0	
	Construction & Maintenance (C&M)	76	78	76	
	Total	**380**	**393**	**398**	

[(a)] Penelec Substation Technician work is performed by C&M employees.

Met-Ed					
Department	**Staff**	**1Q**	**2Q**	**3Q**	**4Q**
Line	Leader / Chief	58	58	58	
	Lineman	151	155	160	
Substation	Technician	15	14	14	
	Construction & Maintenance (C&M)	56	54	53	
	Total	**280**	**281**	**285**	

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	*Penn Power*	*Penelec*	*Met-Ed*
1Q	99.4%	99.3%	99.2%
2Q	99.7%	99.3%	99.5%
3Q	99.7%	99.4%	99.5%
4Q			

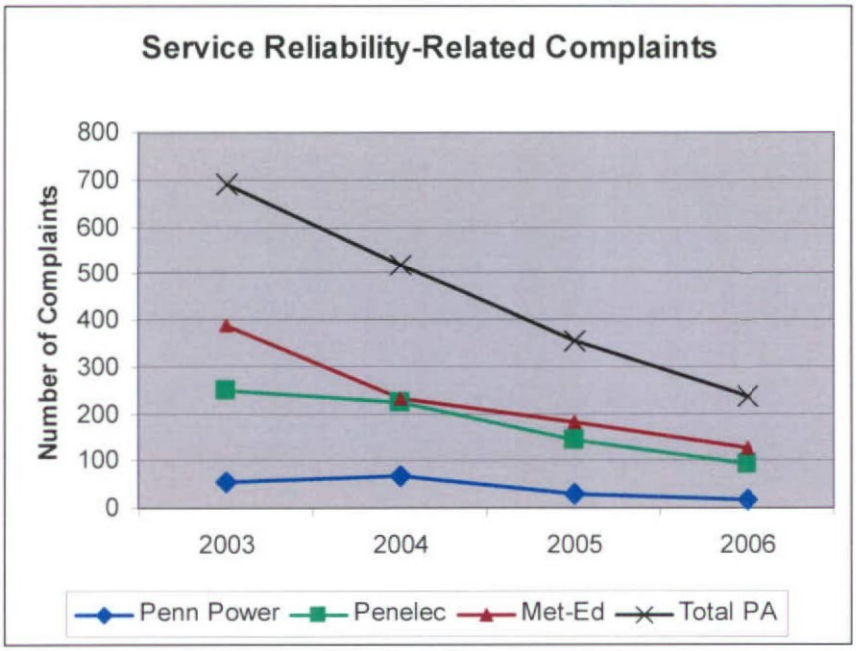
Settlement Provision #8: The FirstEnergy Companies will conduct local meetings about reliability, with notices targeted to areas previously reporting numerous power outage or reliability complaints, and which focus on updating the customers on reliability projects and circuit performance. These local 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 3rd quarter of 2007, the Companies conducted the following number of reliability meetings: three for Penn Power, one for Penelec, and two 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 Attachments C1 and C2 of this report.

- Attachment C1 includes reports on meetings conducted in the 3rd quarter of 2007.
- Attachment C2 includes reports on meetings conducted previous to the 3rd quarter of 2007 and for which there are action items that are still outstanding or were completed in the 3rd quarter.

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

ATTACHMENT A1

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

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	Conneaut	W-174	Clark	1,105	40	2	808,687	3,654	5.13	732	3.31	221	2.50
2	Camp Reynolds	W-134	Clark	1,880	80	1	691,638	3,738	4.38	368	1.99	185	2.46
3	West Pittsburg	D-391	Clark	1,108	21	2	611,878	2,436	3.88	552	2.20	251	11.14
4	Stoneboro	W-130	Clark	830	27	0	589,868	1,408	3.74	711	1.70	419	1.53
5	Ingomar	W-630	Clark	1,725	10	0	474,063	2,280	3.01	275	1.32	208	2.00
6	Warrendale	D-625	Clark	1,317	44	1	462,670	4,245	2.93	351	3.22	109	16.13
7	Bedford	D-445	Clark	1,074	48	1	460,038	2,471	2.92	428	2.30	186	1.47
8	Richard	W742	Clark	1,430	6	1	444,556	1,523	2.82	311	1.07	292	7.19

(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

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	Warren South	00220-41	Warren	3,013	71	1	1,367,499	14,658	2.34	454	4.59	99	11.74
2	Union City	00206-43	Corry	3,937	135	0	1,320,553	9,322	2.26	335	2.10	160	6.38
3	French Road	00551-31	Erie	2,317	35	3	1,275,252	10,305	2.18	550	4.31	128	2.03
4	Springboro	00237-52	Meadville	2,972	86	1	1,051,532	6,622	1.80	354	2.23	159	10.71
5	Northeast	00592-31	Erie	1,557	60	0	969,353	5,667	1.66	623	3.61	172	1.27
6	Rolling Meadows	00310-31	Erie	3,110	32	2	963,098	7,572	1.64	310	1.83	170	13.10
7	Athens	00514-61	Sayre	731	22	1	946,947	1,800	1.62	1,295	2.43	532	9.76
8	Madera	00166-22	Philipsburg	2,225	56	1	890,649	5,186	1.52	400	2.33	172	15.88
9	French Road	00223-31	Erie	2,003	17	3	885,536	6,342	1.51	442	3.13	141	0.00
10	Marienville	00328-51	Oil City	1,220	32	0	786,158	2,683	1.34	644	2.16	298	24.23
11	Titusville	00387-51	Oil City	855	37	0	785,125	3,275	1.34	918	3.63	253	4.64
12	Reed Street	00547-31	Erie	1,111	3	2	754,518	2,286	1.29	679	2.06	330	0.00
13	Two Mile	00127-42	Bradford	1,332	29	0	654,489	2,680	1.12	491	2.00	245	16.44
14	Tionesta Southwest Street	00498-51	Oil City	1,096	34	0	639,076	2,447	1.09	583	2.23	261	18.21
15	Philipsburg	00162-22	Philipsburg	3,131	78	0	636,928	6,314	1.09	203	2.00	102	9.65
16	Dubois	00137-23	DuBois	2,791	59	0	628,731	6,649	1.07	225	2.34	96	14.43
17	Hammett	00504-31	Erie	1,274	32	1	622,369	2,799	1.06	489	2.20	222	12.30
18	Erie South	00259-31	Erie	2,332	59	0	608,464	4,698	1.04	261	2.01	130	7.96
19	Lewis Run	00408-42	Bradford	1,205	28	0	562,513	1,500	0.96	467	1.11	420	13.22
20	Edgewood	00089-13	Indiana	900	31	3	553,485	4,855	0.95	615	5.09	121	9.56
21	Bradford West	00113-42	Bradford	680	15	2	529,363	1,700	0.90	778	2.45	318	31.80
22	North Warren	00596-41	Warren	1,098	35	1	523,762	3,227	0.89	477	2.88	166	14.04
23	Maitland	00149-81	Lewistown	1,308	47	0	523,334	2,223	0.89	400	1.70	236	19.01
24	Mercer Pike	00473-52	Meadville	558	13	0	515,666	960	0.88	924	1.72	537	11.24
25	Madera	00167-22	Philipsburg	1,643	56	0	512,791	3,317	0.88	312	1.60	195	14.38
26	French Road	00221-31	Erie	898	9	3	512,429	3,933	0.88	571	4.38	130	5.16
27	Mill Street	00144-42	Bradford	1,059	11	0	505,490	1,356	0.86	477	1.28	373	1.99
28	Mercer Pike	00474-52	Meadville	465	39	1	502,786	1,239	0.86	1,081	2.66	406	8.10
29	Erie East	00234-31	Erie	1,282	57	1	496,248	2,834	0.85	387	2.00	193	8.83

Penelec

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)
30	Laurel Lake Tran	00449-65	Montrose	381	56	2	486,012	3,852	0.83	1,276	9.67	132	103.24
31	Lake Como	00788-65	Montrose	606	37	0	476,475	2,716	0.81	786	4.48	175	39.20
32	Tiffany	00435-65	Montrose	722	49	1	473,214	2,166	0.81	655	3.00	219	8.81
33	Hooversville	00018-12	Somerset	775	27	0	439,771	1,425	0.75	567	1.66	342	6.66
34	Birmingham	00168-22	Philipsburg	898	57	0	437,160	4,595	0.75	487	4.96	98	19.64
35	Mount Union	00111-82	Huntingdon	922	14	3	435,512	3,207	0.74	472	3.48	136	7.50
36	Port Allegany	00151-42	Bradford	509	10	1	433,770	829	0.74	852	1.63	523	7.56
37	Curryville	00644-71	Altoona	1,737	50	0	430,733	1,909	0.74	248	1.04	240	17.92
38	Platea	00432-34	Erie	618	32	1	420,687	2,240	0.72	681	3.62	188	31.78
39	Wyalusing	00532-62	Towanda	629	23	2	414,428	2,486	0.71	659	3.95	167	9.86
40	Kearsarge	00528-31	Erie	1,670	17	0	394,392	2,093	0.67	236	1.06	224	4.91
41	Mill Street	00143-42	Bradford	396	5	2	392,216	803	0.67	990	2.03	488	12.70
42	Brookville West	00121-23	DuBois	770	22	0	380,310	3,387	0.65	494	4.40	112	8.86
43	Russell Hill	00282-65	Montrose	1,059	34	0	374,105	1,403	0.64	353	1.32	267	68.12
44	Reed Street	00549-31	Erie	922	6	0	371,133	1,275	0.63	403	1.38	291	0.00
45	Timblin	00103-23	DuBois	886	50	0	366,278	3,171	0.63	413	3.56	116	19.41
46	Hepburnia	00778-21	Clearfield	697	24	0	360,983	1,235	0.62	518	1.77	293	23.20
47	Brooklyn	00749-65	Montrose	504	24	0	360,633	2,517	0.62	716	4.18	171	12.56
48	Marienville	00327-51	Oil City	773	35	0	352,765	753	0.60	456	0.97	468	5.21
49	Clymer	00110-13	Indiana	1,124	24	0	348,926	2,255	0.60	310	2.01	155	1.98
50	Shawville	00151-21	Clearfield	2,379	52	0	346,963	7,945	0.59	146	2.37	62	21.28
51	Tunkhannock	00533-65	Montrose	1,246	59	0	345,980	2,320	0.59	278	1.30	213	17.03
52	Eldred	00119-42	Bradford	877	14	1	345,655	1,335	0.59	394	1.29	307	1.97
53	Meshoppen	00283-65	Montrose	392	9	1	344,501	1,002	0.59	879	2.56	344	1.01
54	Crown	00319-51	Oil City	1,327	38	0	342,007	3,825	0.58	258	2.88	89	3.32
55	Morgan Street	00233-52	Meadville	883	20	1	341,761	2,910	0.58	387	3.07	126	24.41
56	Glenwood	00557-31	Erie	1,352	6	1	338,096	1,605	0.58	250	1.19	211	5.53

Penelec													
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)
57	Rolling Meadows	00249-31	Erie	2,026	17	1	335,739	4,564	0.57	166	2.25	74	1.08
58	North Meshoppen	00437-65	Montrose	753	22	2	328,982	2,117	0.56	437	2.81	156	6.93
59	East Sayre	00518-61	Sayre	856	31	0	328,010	2,012	0.56	383	1.84	208	0.50

(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.

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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	North Bangor	00826-3	Easton	3,102	74	0	1,974,856	6,754	3.65	637	2.18	292	1.61
2	Clearfield	00631-3	Easton	1,821	23	1	1,837,733	4,333	3.40	1,009	2.38	424	0.00
3	Lehigh Street	00040-3	Easton	1,597	5	1	1,515,908	1,881	2.80	949	1.18	806	0.00
4	Walker	00865-3	Stroudsburg	2,001	40	0	1,435,712	3,522	2.65	718	1.76	408	1.48
5	North Bangor	00813-3	Easton	1,192	45	4	1,411,056	10,473	2.61	1,184	8.79	135	0.00
6	Newberry	00576-4	York	1,949	77	4	1,369,136	9,591	2.53	702	4.92	143	3.77
7	Shawnee	00899-3	Stroudsburg	1,786	52	1	1,313,439	6,677	2.43	735	3.74	197	6.09
8	Shawnee	00895-3	Stroudsburg	3,568	64	0	1,295,558	7,070	2.40	363	1.98	183	1.00
9	North Lebanon	00712-2	Lebanon	2,210	63	4	1,220,378	12,272	2.26	552	5.55	99	11.43
10	Fox Hill	00816-3	Stroudsburg	3,560	58	0	1,197,049	10,175	2.21	336	2.86	118	5.33
11	Northwood	00821-3	Easton	1,544	22	1	1,156,005	2,244	2.14	749	1.45	515	1.99
12	Mountain	00744-4	Hanover	1,787	73	1	1,152,600	4,206	2.13	645	2.35	274	3.01
13	North Bangor	00838-3	Easton	1,611	46	3	1,151,904	5,636	2.13	715	3.5	204	4.00
14	Yorkana	00715-4	York	2,311	67	3	1,030,386	9,284	1.91	446	4.02	111	4.99
15	Yorkana	00708-4	York	2,624	54	0	1,027,578	5,634	1.90	392	2.15	182	6.01
16	Shawnee	00860-3	Stroudsburg	3,162	37	1	1,026,248	10,942	1.90	325	3.46	94	0.00
17	Yoe	00560-4	York	2,281	16	2	976,929	5,345	1.81	428	2.34	183	0.00
18	Mountain	00743-4	Hanover	1,066	22	0	954,053	1,288	1.76	895	1.21	741	0.75
19	Roseto	00119-3	Easton	1,161	8	2	935,302	2,610	1.73	806	2.25	358	0.00
20	Hamilton	00789-4	Hanover	1,557	38	2	882,244	3,879	1.63	567	2.49	227	11.31
21	Bath	00873-3	Easton	2,083	54	2	846,415	7,893	1.57	406	3.79	107	1.00
22	Lehigh Street	00072-3	Easton	757	6	1	802,609	864	1.48	1,060	1.14	929	1.01
23	West Reading	00072-1	Reading	2,895	2	0	798,771	814	1.48	276	0.28	981	0.00
24	South Hamb	00741-1	Reading	1,625	83	3	770,839	8,061	1.43	474	4.96	96	11.09
25	Wind Gap	00600-3	Easton	1,699	44	5	766,087	10,193	1.42	451	6	75	7.03
26	North Bangor	00814-3	Easton	1,595	26	1	750,524	3,490	1.39	471	2.19	215	4.04
27	Birdsboro	00756-1	Reading	1,535	54	3	724,566	5,278	1.34	472	3.44	137	9.69
28	Shawnee	00822-3	Stroudsburg	2,277	38	2	717,134	5,487	1.33	315	2.41	131	2.44
29	South Easton	00058-3	Easton	1,299	3	1	669,105	1,344	1.24	515	1.03	498	0.00

Met-Ed													
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)
30	Northwood	00802-3	Easton	556	12	3	659,939	1,904	1.22	1,187	3.42	347	3.12
31	Ottsville	00660-3	Easton	807	42	1	656,432	3,185	1.21	813	3.95	206	1.99
32	East Topton	00724-1	Boyertown	1,141	20	3	647,600	5,227	1.20	568	4.58	124	5.38
33	Raintree	00642-4	York	1,492	35	4	646,201	6,116	1.19	433	4.1	106	5.69
34	Flying Hills	00777-1	Reading	1,763	51	1	644,544	3,996	1.19	366	2.27	161	6.22
35	Carsonia	00764-1	Reading	2,807	33	2	635,688	7,168	1.18	226	2.55	89	4.11
36	Mountain	00740-4	Hanover	2,380	57	1	609,160	4,920	1.13	256	2.07	124	4.44
37	Fairview	00519-4	Hanover	2,106	23	2	605,774	4,152	1.12	288	1.97	146	6.47

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(6) Impact of the distribution outages on this circuit to Penn Power's SAIDI.

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

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ATTACHMENT B1

Worst Performing Circuits – Remedial Action

In addition to specific remedial efforts taken and planned for the worst performing 5% of circuits identified in Section (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.

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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	Conneaut	W-174	*Performance driven by one long duration non-preventable tree outage during a severe storm.*			
			Engineering field review of the section of circuit served by the switch	Complete	Sep-07	
			Complete tree removal reliability work on this circuit's main feed	100 % completed by end of Oct 2007	Oct -07	
2	Camp Reyolds	W-134	*Performance driven by one long duration non-preventable tree outage during a severe storm.*			
			Engineering field review of the section of circuit served by the switch.	Complete	Sep-07	
			Complete tree removal reliability work on this circuit's main feed	100 % completed by end of Oct 2007	Oct -07	
3	West Pittsburgh	D-391	*Performance driven by one long duration non-preventable tree outage during a severe storm.*			
			Engineering field review of the section of circuit served by the switch	Complete	Sep-07	
			Complete tree removal reliability work on this circuit's main feed	To be completed end of Nov 2007 – (Permitting completed end of October 2007)		
4	Stoneboro	W-130	*Performance driven by one long duration lightning caused outage during a severe storm.*			2Q 2006 3Q 2006 4Q 2006 2Q 2007 3Q 2007
			Engineering field review of the section of circuit served by the recloser	Complete	May-07	
			Complete reliability improvement work for the section of circuit served by the recloser	Complete - Installed 11 tap fuses, installed 8 xfmr cutouts, replaced 9 xfmr arresters, replaced 10 cutouts	Jul-07	
5	Ingomar	W-630	*Performance driven by one long duration non-preventable tree outage during a storm.*			
			Engineering field review of the main feed and complete any reliability improvement work identified	To be completed end of Nov 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**
6	Warrendale	D-625	*Performance driven by one long duration non-preventable tree outage during a severe storm and several lightning caused outages.*			
			Engineering field review of the main feed and complete any reliability improvement work identified	To be completed end of Nov 2007		
7	Bedford	D-445	*Performance driven by one long duration non-preventable tree outage during a severe storm.*			
			Engineering field review of the section of circuit served by the switch	Complete	Sep-07	
			Complete tree removal reliability work on this circuit	95% completed end of Sep 2007 - To be completed end of October		
8	Richard	W-742	*Performance driven by one long duration outage caused by a vehicle accident.*			
			Engineering field review of the main feed and complete any reliability improvement work identified	To be completed end of Nov 2007		
	Perry	W-156	*Performance driven by one very long non-preventable tree outage and one outage caused by line failure.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Complete reliability improvement work at five fuse locations	Complete - Installed 6 tap fuses, installed 6 animal guards, replaced 3 xfmr arresters	Apr-07	
	Hartstown	W-126	*Performance driven by two outages downstream of a recloser station. One outage was caused by a vehicle accident and the other outage was caused by a line failure*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Complete reliability improvement work downstream of the recloser	Complete - Installed 2 tap fuses, installed 12 animal guards, installed 12 xfmr cutouts, replaced 12 xfmr arresters	Jul-07	
			Engineering field review of a section of circuit served by the fuse	Complete	Feb-07	
			Complete reliability improvement work downstream of fuse	Complete - Removed fuses and installed reclosers	Jul-07	
			Engineering circuit coordination review	Complete	Jan-07	
			Complete reliability improvement work associated with coordination review	Complete - 3 coordination changes were made	Jul-07	
			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
	Jamestown	W-162	*Performance driven by three non-preventable tree caused outages downstream of a recloser station and a fuse station.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Engineering field review of the section of circuit served by the recloser and complete any reliability improvement work identified	Engineering review completed. Part of identified work completed and the remainder in progress. Construction to be completed by the end of Oct 2007.		
			Engineering field review of the section of circuit served by the fuse and complete any reliability improvement work identified	Complete	Jul-07	
			Complete full-cycle tree clearing in 2007	Complete	Aug-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**
1	Warren South	00220-41	*Performance was driven by storms, non-preventable tree caused damage, vandalism and car pole accident.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			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	
			Repair damage to line caused by storms	Complete	Jun-07	
			Repair damage caused by minor storm	Complete	Aug-07	
2	Union City	00206-43	*Performance was driven by outages caused by minor storms, non-preventable tree caused damage, pole fire, vehicle accident and lightning.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Repair damage to line caused by minor storm and non-preventable tree	Complete	Dec-06	
			Repair damaged equipment	Complete	Feb-07	
			Replace step-down transformer hit by lightning	Complete	Sep-07	
3	French Road	00551-31	*Performance was driven by car pole accident and minor storm.*			
			Repair damage to pole	Complete	Mar-07	
			Repair damage to line caused by minor storm	Complete	Apr-07	
4	Springboro	00237-52	*Performance was driven by outages caused by minor storms and confirmed tornado.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Repair damage to line caused by non-preventable tree and minor storm	Complete	Dec-06	
			Repair damage to line caused by tornado	Complete	May-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
			Repair damage to line from lightning	Complete	Aug-07	
			Repair damage to line from non-preventable tree	Complete	Sep-07	
			Complete full-cycle tree clearing in 2007	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**
5	Northeast	00592-31	*Performance was driven by minor storm and non-preventable tree caused damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			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	
			Repair damage to line caused by minor storm	Complete	Apr-07	
6	Rolling Meadows	00310-31	*Performance was driven by two failed underground cable events, minor storm, foreign object in line and loss of supply.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Repair damage to line caused by minor storm	Complete	Dec-06	
			Loss of supply caused by foreign object	Complete	Feb-07	
			Replace failed underground cable	Complete	May-07	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
7	Athens	00514-61	*Performance was driven by conductor failure and non-preventable tree.*			
			Repair damage to line caused by non-preventable tree	Complete	Jul-07	
			Repair failed conductor	Complete	Aug-07	
8	Madera	00166-22	*Performance was driven by outages caused by conductor and insulator failure.*			2Q 2006 3Q 2006 2Q 2007 3Q 2007
			Repair failed insulator	Complete	May-07	
			Repair failed conductor	Complete	May-07	
			Install radio controlled switch	To be completed 4Q 2007		
9	French Road	00223-31	*Performance was driven by failed equipment and minor storm.*			
			Coordination improvements	Complete	Jan-07	
			Repair Underground switch	Complete	Mar-07	
			Repair damage to line cause by minor storm	Complete	Apr-07	
10	Marienville	00328-51	*Performance was driven by minor storm damage and by non-preventable tree caused damage.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			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	

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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	Titusville	00387-51	*Performance was driven by lightning and minor storm damage*			
			Repair damage to line from minor storm	Complete	Sep-07	
			Repair damage to line from lightning	Complete	Sep-07	
			Install spur fuses	To be completed 4Q 2007		
12	Reed Street	00547-31	*Performance was driven by equipment failures.*			4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Replace failed substation switch	Complete	Dec-06	
			Install electronic sectionalizers and fuses	Complete	Aug-07	
13	Two Mile	00127-42	*Performance was driven by minor storm, non-preventable tree caused damage and animal contact.*			4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06	
			Install reclosers	Complete	Dec-06	
			Repair damage to line from bird contact	Complete	Jun-07	
			Repair damage to line from minor storm	Complete	Aug-07	
14	Tionesta Southwest Street	00498-51	*Performance was driven by minor storm damage, failed conductor and cutouts and non-preventable tree caused damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 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	
			Repair damage to line caused by minor storm	Complete	Apr-07	
			Complete full-cycle tree clearing in 2007	Complete	Sep-07	
			Repair damage to line caused by minor storm	Complete	Sep-07	
15	Philipsburg	00162-22	*Performance was driven by minor storm damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Install mainline tap fuses	Complete	Jan-07	
			Repair damage to line caused by non-preventable trees and minor storm	Complete	Jun-07	
			Install Radio controls on sectionalizer	To be completed 4Q 2007		

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
16	DuBois	00137-23	*Performance was driven by minor storm damage, non-preventable tree caused damage, cutout and arrester failure and human error - non company.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Install mainline tap fuses	Complete	Dec-06	
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06	
			Repair damage from underground dig-in	Complete	Jun-07	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
			Install radio controlled recloser	To be completed 4Q 2007		
17	Hammett	00504-31	*Performance was driven by minor storm damage, broken cross arms and non-preventable tree caused damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Repair damage to line caused by minor storm and non-preventable tree	Complete	Oct-06	
			Install reclosers	Complete	Dec-06	
18	Erie South	00259-31	*Performance was driven by equipment failure and pole fire.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Infrared inspection and replace arresters and cutout	Complete	Oct-06	
			Install reclosers	Complete	Nov-06	
			Replace crossarms	Complete	Jan-07	
			Repair damage to pole from pole fire caused by failed dead-end	Complete	Jun-07	
			Repair damage to line from minor storm	Complete	Aug-07	
			Repair damage to line from minor storm	Complete	Sep-07	
19	Lewis Run	00408-42	*Performance was driven by minor storm damage.*			
			Repair damage to line from minor storm	Complete	Aug-07	
			Full circuit fuse coordination	To be completed 4Q 2007		
20	Edgewood	00089-13	*Performance was driven by non-preventable trees during minor storm.*			
			Full circuit fuse coordination	Complete	Dec-06	
			Repair of down primary from non-preventable trees during minor storm	Complete	Jun-07	
			Repair of broken pole from non-preventable trees during minor storm	Complete	Jun-07	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
21	Bradford West	00113-42	*Performance was driven by minor storm damage.*			
			Repair damage to line from minor storm	Complete	Aug-07	
			Circuit fusing	To be completed 4Q 2007		
22	North Warren	00596-41	*Performance was driven by minor storm damage and equipment failure*			
			Repair damage to line from minor storm	Complete	Aug-07	
			Replace failed transformer	Complete	Sep-07	
23	Maitland	00149-81	*Performance was driven by line and equipment failure and a car pole accident.*			
			Replace damaged conductor and dead ends	Complete	Mar-07	
			Replace damaged conductor	Complete	Jun-07	
			Replaced damaged pole and cross-arm	Complete	Jul-07	
			Replace arrester in lightning prone areas	To be completed 4Q 2007		
24	Mercer Pike	00473-52	*Performance was driven by minor storm.*			
			Repair damage to line cased by non-preventable tree	Complete	Dec-06	
			Repair damage to line from tornado	Complete	May-07	
25	Madera	00167-22	*Performance was driven by failed equipment, non-preventable tree caused damage, minor storms and car pole accident.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Install mainline tap fuses	Complete	Dec-06	
			Repair damage to line caused by car pole accident	Complete	Nov-06	
			Repair damage to line caused by customer contact.	Complete	Apr-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
			Replace arresters and cutouts	To be completed 4Q 2007		
			Complete full cycle tree clearing in 2007	Complete	Sep-07	
26	French Road	00221-31	*Performance was driven by car pole accident and minor storm.*			
			Repair damage to pole	Complete	Mar-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
27	Mill Street	00144-42	*Performance was driven by minor storm damage.*			
			Repair damage to line caused by minor storm	Complete	Aug-07	
			Review mainline protection	To be completed 4Q 2007		
28	Mercer Pike	00474-52	*Performance was driven by outages caused by a confirmed tornado and non preventable tree damage.*			
			Repair damage to line caused by tornado	Complete	May-07	
			Repair damage caused by non-preventable tree	Complete	Aug-07	
29	Erie East	00234-31	*Performance was driven by minor storm and equipment failure.*			2Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Repair damage to line caused by minor storm and replace failed equipment	Complete	Oct-06	
			Install reclosers	Complete	Oct-06	
			Install mainline tap fuses	Complete	Mar-07	
			Replace failed insulator	Complete	Jul-07	
30	Laurel Lake Sub Tran	00449-65	*Performance was driven by equipment failure and lightning damage.*			
			Replace failed insulator	Complete	May-07	
			Repair damage to line caused by lightning	Complete	Sep-07	
31	Lake Como	00788-65	*Performance was driven by flooding, non-preventable tree caused damage and car pole accident.*			
			Repair damage to line caused by non-preventable tree	Complete	Mar-07	
			Repair damage to line caused by flooding and minor storm	Complete	Mar-07	
			Repair damage to line caused failed equipment	Complete	Mar-07	
			Replace damaged pole and crossarm from car pole accident	Complete	Jun-07	
32	Tiffany	00435-65	*Performance was driven by minor storm damage.*			
			Replace damaged conductor caused by minor storm	Complete	Mar-07	
			Replace damaged conductor caused by minor storm	Complete	Apr-07	
			Full circuit coordination and recloser installation	Complete	May-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
33	Hooverville	00018-12	*Performance was driven by failed equipment and non-preventable tree caused damage.*			
			Install recloser and disconnect switches	Complete	Feb-07	
			Installed radio controlled recloser	Complete	Mar-07	
			Repair failed dead end and damage to line caused by non-preventable trees	Complete	Apr-07	
			Complete full-cycle tree clearing in 2007	Complete	Sep-07	
34	Birmingham	00168-22	*Performance was driven by failed equipment and minor storms.*			
			Repair damaged conductor	Complete	Feb-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
			Fuse mainline trouble locations	To be completed 4Q 2007		
35	Mount Union	00111-82	*Performance was driven by non-preventable tree caused damage and minor storm damage.*			
			Repair failed conductor	Complete	Oct-06	
			Repair damage to line caused by non-preventable tree	Complete	Oct-06	
			Replaced failed insulator because of lightning	Complete	Jun-07	
36	Port Allegany	00151-42	*Performance was driven by minor storm.*			
			Repair damage to line caused by minor storm	Complete	Jun-07	
37	Curryville	00644-71	*Performance was driven by phase to phase contact, equipment failure and a car pole accident.*			
			Re-sag conductor	Complete	Jan-07	
			Repair damage to pole	Complete	Jan-07	
38	Platea	00432-34	*Performance was driven by non-preventable trees and equipment failure.*			
			Replace broken crossarms	Complete	Aug-07	
			Repair tree caused damage	Complete	Sep-07	
			Install mainline fusing	To be completed 4Q 2007		
39	Wyalusing	00532-62	*Performance was driven by minor storm damage.*			
			Repair damage to line caused by minor storm	Complete	Apr-07	
			Danger / Priority tree removal	Complete	Sep-07	

Penelec						
Rank	**Substation**	**Circuit**	**Remedial Action Planned or Taken**	**Status of Remedial Work**	**Date Remedial Work Completed**	**Appeared in 4 of 6 Quarters**
40	Kearsarge	00528-31	*Performance was driven by minor storm and equipment failure.*			
			Repair damage to line caused by minor storm	Complete	Apr-07	
			Replace failed cutouts	Complete	Aug-07	
41	Mill Street	00143-42	*Performance was driven by minor storm damage.*			
			Repair damage to line caused by minor storm	Complete	Aug-07	
42	Brookville West	00121-23	*Performance was driven by minor storm damage and vehicle caused damage.*			4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Repair damage to line caused by minor storm	Complete	Dec-06	
			Install mainline tap fuses and single phase reclosers	Complete	Dec-06	
			Repair damage to line caused by minor storm	Complete	Jun-07	
43	Russell Hill	00282-65	*Performance was driven by failed equipment, non-preventable trees, minor storm damage and a car pole accident.*			2Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Repair damage to line caused by non-preventable trees	Complete	Nov-06	
			Repair failed conductor	Complete	Dec-06	
			Repair damaged equipment caused by car pole accident	Complete	Mar-07	
			Repair damage to line caused by minor storm	Complete	Apr-07	
44	Reed Street	00549-31	*Performance was driven by lightning strike.*			
			Repair damage to line caused by lightning	Complete	Aug-07	
45	Timblin	00103-23	*Performance was driven by minor storm damage.*			
			Repair damage to line caused by non-preventable trees	Complete	Jun-07	
46	Hepburnia	00778-21	*Performance was driven by line failure, minor storm damage and failed equipment.*			
			Repair damaged conductor	Complete	Dec-06	
			Repair damage to line caused by minor storm damage	Complete	Jun-07	
			Replace broken pole	Complete	Jun-07	
			Install spur fuses	Complete	Aug-07	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
47	Brooklyn	00749-65	*Performance was driven by line failure caused from minor storm damage.*			
			Replace damaged conductor	Complete	Apr-07	
			Replace damaged conductor	Complete	Jun-07	
48	Marienville	00327-51	*Performance was driven by minor storm and non-preventable tree caused damage.*			4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06	
			Install mainline tap fuses	Complete	Dec-06	
49	Clymer	00110-13	*Performance was driven by a lightning strike and failed equipment.*			
			Replace failed dead-end insulator	Complete	Apr-07	
			Replace damaged insulators from lightning strike	Complete	Jul-07	
50	Shawville	00151-21	*Performance was driven by line failure.*			
			Repair damaged conductor	Complete	Jun-07	
			Install fuses	To be completed 4Q 2007		
51	Tunkhannock	00533-65	*Performance was driven by equipment failure and non-preventable tree contact.*			
			Install tap fuses	Complete	Oct-06	
			Full circuit coordination	Complete	Dec-06	
			Repair down conductor because of non-preventable trees	Complete	Apr-07	
			Replace failed transformer	Complete	Jun-07	
52	Eldred	00119-42	*Performance was driven by minor storm damage.*			
			Spot tree trimming	Complete	Apr-07	
			Repair damage to line caused by minor storm	Complete	Aug-07	
			Install fusing	To be completed 4Q 2007		
53	Meshoppen	00283-65	*Performance was driven by minor storm damage.*			
			Repair damage to line caused by non-preventable trees	Complete	Jun-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**
54	Crown	00319-51	*Performance was driven by failed conductor and non-preventable tree caused damage.*			2Q 2006 3Q 2006 4Q 2006 3Q 2007
			Complete full-cycle tree clearing in 2006	Complete	Nov-06	
			Install reclosers	Complete	Dec-06	
			Install mainline tap fuses	Complete	Dec-06	
			Repair failed underground sleeve	Complete	Jul-07	
55	Morgan Street	00233-52	*Performance was driven by outages caused by a confirmed tornado.*			
			Repair damage to line caused by a tornado	Complete	May-07	
56	Glenwood	00557-31	*Performance was driven by Car Pole Accident.*			
			Repair damage from vehicle	Complete	Mar-07	
57	Rolling Meadows	00249-31	*Performance was driven by equipment failure and summer heat load.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Reconfigure circuit and shift load to Green Garden	Complete	Jun-07	
			Replace failed equipment	Complete	Jun-07	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
58	North Meshoppen	00437-65	*Performance was driven by non-preventable trees.*			
			Replace broken crossarms from non-preventable tree contact	Complete	Jun-07	
			Fusing review of trouble locations	To be completed 4Q 2007		
59	East Sayre	00518-61	*Performance was driven by line failure and non-preventable trees.*			3Q 2006 4Q 2006 1Q 2007 3Q 2007
			Repair down conductor because of non-preventable trees	Complete	Jun-07	
			Repair down conductor because of non-preventable trees	Complete	Jun-07	
			Repair failed conductor	Complete	Aug-07	
			Fuse mainline and trouble location	To be completed 4Q 2007		
	Samuel Rea Car Shop	00031-71	*Performance was driven by failed equipment and circuit overload.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage to line caused by minor storm and non-preventable tree	Complete	Dec-06	
			Install additional circuit at the substation to reduce loading on existing circuits and reduce exposure.	Complete	Jun-07	

Penelec						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Church	00426-34	*Performance was driven by minor storm damage, failed cutouts and crossarms, and non-preventable tree caused damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			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	
	Edinboro	00420-34	*Performance was driven by animal contact equipment failure and non-preventable tree caused damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install animal guards	Complete	Nov-06	
			Install mainline tap fuses	Complete	Nov-06	
			Repair damage to line caused by non-preventable tree	Complete	May-07	
			Repair damaged equipment	Complete	May-07	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
	Emlenton	00322-51	*Performance was driven by minor storm and non-preventable tree caused damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage to line caused by minor storm and non-preventable trees	Complete	Dec-06	
	Piney	00523-51	*Performance was driven by summer heat load, car pole accident and minor storm.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Repair damage to pole	Complete	Nov-06	
			Complete full-cycle tree clearing in 2007	Complete	Apr-07	
			Repair damage to line caused by minor storm	Complete	Jun-07	
	Mansfield	00558-63	*Performance was driven by equipment failures.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Review circuit for protection	Complete	Oct-06	
			Install switches and fusing	Complete	Feb-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**
	Grover	00527-63	*Performance was driven by non-preventable tree caused damage, animal contact and equipment failures.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install reclosers and fault indicators. (Modified from proposed switch addition after engineering study)	Complete	Dec-06	
			Relocate recloser and install sectionalizer	Complete	Apr-07	
			Complete full-cycle tree clearing in 2007	Complete	Jul-07	
	Bellwood North	00635-22	*Performance was driven by failed equipment, animal contacts and minor storm.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install animal guards	Complete	Nov-06	
			Install mainline tap fuses	Complete	Dec-06	
	Page Road	00445-43	*Performance was driven by minor storm damage and by non-preventable tree caused damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			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	
	Hammett	00502-31	*Performance was driven by non-preventable tree caused damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair damage to line caused by non-preventable trees	Complete	Oct-06	
			Install mainline tap fuses	Complete	Dec-06	
			Install reclosers	Complete	Dec-06	
	Morgan Street	00479-52	*Performance was driven by failed equipment and car pole accident.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Engineering circuit coordination review	Complete	Nov-06	
	Ralphton	00015-12	*Performance was driven by minor storm and non-preventable tree caused damage.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair damage caused by animal	Complete	Oct-06	
			Complete full-cycle tree clearing in 2006	Complete	Dec-06	
	Somerset	00013-12	*Performance was driven by minor storm.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Circuit reviewed and no action required			

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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**
	Lake Como	00787-65	*Performance was driven by non-preventable trees and equipment failure.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair sectionalizing device	Complete	Mar-07	
	Tiffany	00440-65	*Performance was driven by non-preventable trees and equipment failure.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Repair damaged insulator	Complete	Feb-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**
1	North Bangor	00826-3	*Performance was driven by non-preventable trees, equipment and line failure related outages.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Complete full-cycle tree clearing in 2006	Complete	Dec-06	
			Increase step bank capacity	Complete	Dec-06	
			Install mainline sectionalizer	Complete	Jun-07	
			Install additional fusing	Complete	May-07	
			Danger / Priority Tree Removal	To be completed 4Q 2007		
			Install lightning arrester	Complete	Sep-07	
2	Clearfield	00631-3	*Performance was driven by non-preventable tree caused outages.*			
			Replace failed recloser	Complete	Apr-07	
			Replace failed substation recloser	Complete	Jun-07	
			Install additional fusing	To be completed 4Q 2007		
3	Lehigh Street	00040-3	*Performance was driven by non-preventable tree caused outages, lightning and equipment failure in the substation (arrester).*			
			Install additional fusing	Complete	Sep-07	
			Perform thermo-vision on substation	To be completed 4Q 2007		
4	Walker	00865-3	*Performance was driven by non-preventable trees, overloads and equipment related outages.*			4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Replace overloaded fuse	Complete	Jan-07	
			Install three- phase recloser	Complete	Jun-07	
			Install additional fusing	Complete	Jun-07	
			Complete full-cycle tree clearing in 2007	Complete	May-07	
5	North Bangor	00813-3	*Performance was driven by non-preventable trees, equipment failure, lightning, and vehicle related outages.*			4Q 2006 1Q 3007 2Q 2007 3Q 2007
			Replace failed recloser	Complete	Mar-07	
			Complete full-cycle tree clearing in 2007	Complete	Jun-07	
			Install additional fusing	Complete	Jun-07	
			Install three-phase recloser	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**
6	Newberry	00576-4	*Performance was driven by non-preventable trees.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			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 / Priority Trees	Complete	Feb-07	
			Repair equipment identified in circuit patrol	Complete	Apr-07	
			Forestry complete Danger / Priority Tree patrol entire circuit	Complete	Oct-07	
			Danger / Priority Tree removal entire circuit	Complete	Oct-07	
			Distribution automation on the circuit	To be completed 3Q 2008		
7	Shawnee	00899-3	*Performance was driven by non-preventable trees, equipment and line failure related outages.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Increase step bank capacity	Complete	Dec-06	
			Install additional fusing	Complete	May-07	
			Install recloser	Complete	Jun-07	
			Install sectionalizer	Complete	Jun-07	
			Danger / Priority Tree Removal Program	To be completed 4Q 2007		
			Routine tree maintenance in 2008	To be completed 4Q 2008		
8	Shawnee	00895-3	*Performance was driven by equipment failure, car pole accidents, and non-preventable tree-related outages.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Install two reclosers	To be completed 4Q 2007		
			Install additional fusing	Complete	May-07	
			Danger / Priority Tree Removal Program	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
9	North Lebanon	00712-2	*Performance was driven by 2 tree-caused outages, an equipment problem during lightning storm (insulator), a substation equipment problem (insulator) and an animal-caused outage.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Reconfigure circuit/minimize exposure	Complete	Jun-07	
			Danger / Priority Tree Removal Program	Complete	Jun-07	
			Install additional tap fuses	Complete	Jul-07	
			Install additional animal protection	Complete	Jul-07	
			Crossarm and crossarm brace replacements	Complete	Aug-07	
			Mainline switch replacement	Complete	Aug-07	
			Install additional mainline animal protection	To be completed 1Q 2008		
			Comprehensive circuit inspection	To be completed 1Q 2008		
10	Fox Hill	00816-3	*Performance was driven by overload, non-preventable tree and equipment related outages.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Complete full-cycle tree clearing in 2006	Complete	Jan-07	
			Install two three- phase reclosers in 2006	Complete	Oct-06	
			Install one- phase recloser	Complete	May-07	
			Install sectionalizer	Complete	Jun-07	
			Install additional fusing	Complete	May-07	
			Danger / Priority Tree Removal Program	To be completed 4Q 2007		
			Convert two areas from 4.8 to 34.5 kV	To be completed 4Q 2007		
			Routine tree maintenance in 2008	To be completed 4Q 2008		
11	Northwood	00821-3	*Performance was driven by high wind conditions during one large storm that brought down several poles.*			
			Install additional fusing	Complete	Jun-07	
12	Mountain	00744-4	*Performance driven by non-preventable tree (95% of minutes) as cause.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Comprehensive tree clearing	Complete	Dec-06	
			Forestry to patrol mainline for Danger / Priority Trees	Complete	Jun-07	
			Install additional fuses	Complete	Apr-07	
			Install recloser	Complete	Apr-07	
			Forestry Complete Danger / Priority Tree Patrol selected areas	Complete	Sep-07	
			Danger / Priority Tree Removal	Complete	Oct-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**
13	North Bangor	00838-3	*Performance was driven by non-preventable trees, equipment failure, and lightning related outages.*			4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Install additional fusing	Complete	Jul-07	
			Complete full-cycle tree clearing in 2007	Complete	Aug-07	
			Install recloser	Complete	Sep-07	
			Install two sectionalizers	To be completed 4Q 2007		
14	Yorkana	00715-4	*Performance driven by two non-preventable tree cause outages and one sleeve failure outage.*			
			Patrol the circuit for trees and spot trim were necessary	Completed	Sep-07	
			Install additional fuses	Completed	Jun-07	
			Install additional reclosers	Completed	Jun-07	
			Comprehensive tree clearing and Danger / Priority tree removal	To be completed 2Q 2008		
			Reconductor 3,822 feet of the circuit and upgrade the getaway cables.	Completed	Apr-07	
			Thermo-vision entire circuit and perform repairs	Completed	Sep-07	
15	Yorkana	00708-4	*Performance driven by a single outage caused by a broken tap and recloser transformer failure during a lightning storm*			
			Replaced source recloser transformer	Completed	Jun-07	
			Tree patrol and spot trimming	Completed	Jul-07	
			Perform circuit patrol	To be completed 1Q 2008		
			Install additional fuses	Completed	Jun-07	
			Comprehensive tree clearing and Danger / Priority tree removal	To be completed 2Q 2008		
			Distribution automation on the circuit	To be completed 4Q 2008		
16	Shawnee	00860-3	*Performance was driven by tree and equipment failure related outages.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 3Q 2007
			Install additional fusing	Complete	Mar-07	
			Install three phase recloser	Complete	May-07	
			Install sectionalizer	Complete	May-07	
			Danger / Priority Tree Removal	To be completed 4Q 2007		

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17	Yoe	00560-4	*Performance driven by a outage caused by vehicle contact*			4Q 2006 3Q 2007 2Q 2007 3Q 2007
			Transfer line segments to new substation with additional line recloser	*Completed*	*Jun-07*	
			Install additional fuses	Completed	Apr-07	
			Perform circuit patrol	To be completed 2Q 2008		
18	Mountain	00743-4	*Performance driven by non-preventable tree (98% of minutes) caused outages.*			
			Comprehensive tree clearing	Complete	Dec-06	
			Install additional fusing	Complete	Apr-07	
			Install additional reclosers	Complete	Apr-07	
			Forestry Perform Danger / Priority Tree Patrol entire circuit	Complete	Aug-07	
			Off ROW Danger / Priority Tree Removal	Complete	Oct-07	
19	Roseto	00119-3	*Performance was driven by non-preventable tree caused outages.*			
			Install additional fusing	Complete	Aug-07	
			Install two reclosers	To be completed 4Q 2007		
			Complete full-cycle tree clearing	To be completed 4Q 2008		
			Danger / Priority Tree Removal	To be completed 4Q 2007		
20	Hamilton	00789-4	*Performance driven by NP Tree (51% of minutes) and lightning (38% of minutes) caused outages.*			
			Forestry to patrol three-phase mainline for Danger / Priority trees	Complete	Jun-07	
			Danger / Priority Tree Removal	Complete	Aug-07	
			Perform lightning protection review	To be completed 4Q 2007		
21	Bath	00873-3	*Performance was driven by vehicle accidents, line failure and lightning related outage.*			4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Complete full-cycle tree clearing in 2006	Complete	Dec-06	
			Install additional fusing	Complete	May-07	
			Install three -phase recloser	Complete	May-07	
			Replace substation Recloser	Complete	Jun-07	
			Repair/Replace spacers	Complete	Oct-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
22	Lehigh Street	00072-3	*Performance was driven by non-preventable tree caused outages and equipment failure in the substation (arrester).*			
			Perform thermo-vision on sub	To be completed 4Q 2007		
			Install additional fusing	To be completed 1Q 2008		
23	West Reading	00072-1	*Performance driven by a secondary network cable failure.*			4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Secondary cable repairs	Complete	Oct-06	
24	South Hamburg	00741-1	*Performance driven by outages caused by a broken insulator, a broken crossarm and a vehicle accident.*			
			Comprehensive tree trimming	In Progress - 71% complete end of 3rd Quarter 2007		
			Install tap fusing	Complete	Jul-07	
			Install fuse/bypass switches	To be completed 4Q 2007		
			Install additional disconnects and fault indicators on mainline	To be completed 4Q 2007		
			Pole replacements	To be completed 4Q 2007		
			Install additional tap fuses	To be completed 1Q 2008		
			Install additional mainline recloser	To be completed 1Q 2008		
			Comprehensive circuit patrol	To be completed 2Q 2008		
25	Wind Gap	00600-3	*Performance was driven by line failures and equipment failure.*			
			Install recloser	Complete	Jun-07	
			Install additional fusing	Complete	Sep-07	
26	N Bangor	00814-3	*Performance was driven by non-preventable tree and equipment failure related outages.*			4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Install five cutouts and fuses	Complete	Oct-06	
			Install lightning arrester	Complete	Oct-06	
			Crossarm and pole replacements identified on patrol	Complete	Oct-07	
			Complete full-cycle tree clearing in 2007	Complete	Oct-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
27	Birdsboro	00756-1	*Performance driven by five tree-caused outages.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Install additional tap fuses	Complete	Oct-06	
			Spot tree trimming/removals	Complete	Oct-06	
			Install additional tap fuses	Complete	Nov-06	
			Spot mainline forestry inspection	Complete	Jan-07	
			Upgrade mainline recloser	Complete	Feb-07	
			Spot mainline forestry inspection	Complete	Apr-07	
			Spot tree trimming and removals	Complete	Jun-07	
			Spot forestry inspection one phase tap	Complete	Jun-07	
			Spot tree removals one phase tap	Complete	Aug-07	
			Danger / Priority Tree Removal Program	Complete	Aug-07	
			Negotiate mainline right of way expansion with State and Local Authorities	In Progress		
			Comprehensive Circuit patrol	To be completed 2Q 2008		
28	Shawnee	00822-3	*Performance driven by non-preventable tree, equipment failure and lightning-related outages.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Repair failed recloser	Complete	Nov-06	
			Install additional fusing	Complete	May-07	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
29	South Easton	00058-3	*Performance was driven by one non-preventable tree caused outage.*			
			Perform full circuit patrol	Complete	Aug-07	
			Install additional fusing	Complete	Sep-07	
			Install Recloser	To be completed 4Q 2007		
			Install Recloser	To be completed 2Q 2008		
30	Northwood	00802-3	*Performance was driven by non-preventable tree caused outages.*			
			Install additional fusing	Complete	Oct-07	
31	Ottsville	00660-3	*Performance was driven by an equipment failure outage, lightning and wind caused outages.*			
			Install additional fusing	Complete	Jun-07	
			Perform full circuit patrol	Complete	Jul-07	
			Danger / Priority tree removal	Complete	Jun-07	

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32	East Topton	00724-1	*Performance was driven by an outage caused by a broken cutout/arrester, and 2 outages caused by vehicle accidents.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Reconfigure circuit/minimize exposure	Complete	Jun-07	
			Install additional tap fuses	Complete	Aug-07	
			Replace crossarms	To be completed 2Q 2008		
			Replace additional lightning arresters	To be completed 4Q 2007	Jun-07	
			Comprehensive tree trimming	To be completed 2Q 2008	Aug-07	
33	Raintree	00642-4	*Performance driven by one vehicle contact*			
			Install additional fuses	Complete	May-07	
			Install single phase tie capacity	Complete	May-07	
			Install additional recloser	Complete	May-07	
			Install three phase tie capacity	To be completed 4Q 2008		
			Comprehensive lightning protection study	To be completed 1Q 2008		
34	Flying Hills	00777-1	*Performance driven by outages caused by a wire down during lightning storm, and 2 tree-caused outages.*			
			Install tap fusing	Complete	Jan-07	
			Install additional tap fuses	Complete	Mar-07	
			Mainline forestry inspection	Complete	Jul-07	
			Mainline inspection	Complete	Jul-07	
			Danger / Priority Tree Removal Program	In Progress		
			Comprehensive tree trimming	To be completed 1Q 2008		
			Upgrade mainline recloser	To be completed 1Q 2008		
			Install additional mainline disconnects	To be completed 1Q 2008		
			Arrester/Crossarm brace/guy wire repairs	To be completed 1Q 2008		

Met-Ed						
Rank	**Substation**	**Circuit**	**Remedial Action Planned or Taken**	**Status of Remedial Work**	**Date Remedial Work Completed**	**Appeared in 4 of 6 Quarters**
35	Carsonia	00764-1	*Performance driven by outages caused by a contractor dig-in (Farming Ridge Development), and 2 circuit breaker problems.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Install main line recloser	Complete	Oct-06	
			Install additional fusing	Complete	Oct-06	
			Comprehensive tree trimming	Complete	Dec-06	
			Replace substation circuit breaker	Complete	Dec-06	
			Upgrade mainline recloser	Complete	May-07	
			Tap fuse upgrades	Complete	Aug-07	
			Upgrade solid disconnects	To be completed 4Q 2007		
			Reconfigure circuit/minimize exposure	To be completed 2Q 2008		
36	Mountain	00740-4	*Performance driven by Non-Preventable tree (73% of minutes) caused outages.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007 3Q 2007
			Comprehensive tree clearing	Complete	Dec-06	
			Forestry to patrol mainline for Danger / Priority trees	Complete	Jun-07	
			Mainline Danger / Priority Tree removal	Complete	Oct-07	
			Install animal guard	Complete	Jan-07	
			Install additional fuses	Complete	May-07	
			Repair all critical items identified on circuit patrol	Complete	Jan-07	
37	Fairview	00519-4	*Performance driven by mainline recloser control failure (48% of minutes) and vehicle contact (37% of minutes) caused outages.*			
			Repair recloser control	Complete	Aug-07	
			Install additional fuses	Complete	May-07	
			Install additional reclosers	Complete	May-07	
	Delabole	00036-3	*Performance was driven by line failure, fire, and non-preventable tree related outages.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install single-phase sectionalizer	Complete	May-07	
			Install additional fusing.	Complete	Jul-07	
			Convert 2/3 of 36 line to 817 line	To be completed 4Q 2007		

Met-Ed						
Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	Appeared in 4 of 6 Quarters
	Pleasantville	00142-1	*Performance driven by wire down and trees.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Conductor repairs	Complete	Dec-06	
			Install additional tap fuses	Complete	Mar-07	
			Comprehensive tree trimming	Complete	Apr-07	
			Mainline reconductoring	Complete	May-07	
	West Reading	00525-1	*Performance driven by equipment damage due to lightning.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install lightning arresters	To be completed 4Q 2007		
			Install mainline recloser	To be completed 1Q 2008		
	North Temple	00542-1	*Performance was driven by three outages: non-preventable trees (3) during storms.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install additional tap fusing	Complete	Jan-07	
	Birchwood	00622-3	*Performance was driven by non-preventable trees, vehicle, overloads and equipment failure related outages.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install fusing	Complete	Feb-07	
			Install larger single phase recloser	Complete	Mar-07	
			Install additional fusing	Complete	May-07	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		
	Clearfield	00632-3	*Performance was driven by equipment failure and animal related outages.*			3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Replaced fuses	Complete	Oct-06	
			Replaced failed transformers	Complete	Nov-06	
	Northwood	00643-3	*Performance was driven by lightning and line failure related outages.*			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 2Q 2008		
			Install lightning arresters	Complete	Oct-07	
			Replace spacer blocks	Complete	Oct-07	
			Install recloser	Complete	Jun-07	
			Install additional fusing	Complete	Jun-07	

Met-Ed						
Rank	**Substation**	**Circuit**	**Remedial Action Planned or Taken**	**Status of Remedial Work**	**Date Remedial Work Completed**	**Appeared in 4 of 6 Quarters**
	Barto	00705-1	*Performance was driven by lightning-caused outage, anchor guy problem in extremely wet conditions and tree related outages*			2Q 2006 3Q 2006 4Q 2006 1Q 2007 2Q 2007
			Install and 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	Complete	Jun-07	
			Tap fuse reconfiguration	Complete	Jun-07	
	Bern Church	00789-1	*Performance was driven by non-preventable tree caused outages.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install mainline overhead fault indicators	Complete	Mar-07	
			Detailed circuit patrol	Complete	Jun-06	
			Partial underground cable replacement in Sunny Slopes Development	Complete	Oct-06	
			Comprehensive tree trimming	Complete	Dec-06	
			Install additional fusing	Complete	Jan-07	
			Re-route circuit tap along roadway	To be completed 2Q 2008		
	Shawnee	00837-3	*Performance was driven by non-preventable tree and equipment failure related outages.*			2Q 2006 3Q 2006 4Q 2006 1Q 2007
			Install additional fusing	Complete	May-07	
			Install sectionalizer	Complete	May-07	
			Complete full-cycle tree clearing in 2007	To be completed 4Q 2007		

ATTACHMENT C1

Local Reliability Meeting Reports

Meetings Conducted in the 3rd Quarter 2007

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group:	City of New Castle
Location:	230 North Jefferson Street
Date/Time:	July 5, 2007 at 11:00 a.m.
Penn Power Circuit:	D-319 and D-315
Penn Power Attendees:	Bart L. Spagnola (Area Manager)
Public Attendees:	Mayor W. Alexander, Manager T. Gibson, and M. Rooney

Background / Issues

This meeting was called by Mayor Alexander to discuss three new businesses and the additional electrical load that is coming to New Castle in the next year. The mayor wanted to ensure the new load would not cause any overloads on the downtown circuits. In the last year, upgrades have been made on both circuits, which have resulted in reliability improvements. The mayor is very pleased with the improved reliability since one of the circuits feeds into the city municipal building. The upgrade of conductors and the installation of reclosers and cutouts have made these circuits two of the best on our system. I also let the mayor know Penn Power will meet the load requirements requested by the new businesses. The meeting went well and improvements will continue in and around the city in order to provide the best possible service to all customers.

Action Plan

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

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group:	Northern Allegheny Chamber of Commerce
Location:	5000 Brooktree Road, Suite 100 Wexford, PA. 15090-9262
Date/Time:	July 20, 2007 at 7:30 a.m.
Penn Power Circuit:	W-794 and W-795
Penn Power Attendees:	Bart L. Spagnola (Area Manager)
Public Attendees:	Chamber Members

Background / Issues

Every month the chamber holds a meeting to discuss issues. As part of the meeting a few business owners provide a short commercial on their business. I arranged with the Chamber Director, prior to the meeting, for a few extra minutes to discuss Penn Power's new Wexford Substation. I explained some of the issues we had over the past couple summers with extreme load on our system. The new substation will alleviate load on our Richard Substation and also provide reliable electric service for existing customers and new customers in the future. The growth in this area, both residential and commercial, has been continuous over the last dozen or so years and is on record pace again this year. Last summer when the temperatures reached the high 80's and 90's the load recorded on the substations in this area were at peak. With the construction of the Allegheny Substation four years ago and the Wexford Substation this year, reliability in this area will be improved. I opened the meeting for questions on the project and ended the meeting by passing out my business cards.

Action Plan

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

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group:	Lawrence County School Superintendents
Location:	Vo-Tech
Date/Time:	September 8. 2007 at 10:00 a.m.
Penn Power Circuit:	Transmission Circuits - Y-189, Y-185, Y-213
Penn Power Attendees:	Bart L. Spagnola (Area Manager) Charles Jackson (Support Representative)
Public Attendees:	Lawrence County Vo-Tech, Laurel School District, New Wilmington School District, Union Area School District, Neshannock School District, Shenango Area School District, New Castle Area School District, Mohawk School District

Background / Issues

This yearly visit with the Superintendents of Lawrence County School Districts gives us a chance to review all the upgrades and maintenance work the company has completed so far this year. It also gives the school district a chance to discuss issues and concerns they have with our company. Chuck and I reviewed the transmission work that has been completed this year in Lawrence County, especially the tree clearing and vegetation control. The main concern of the schools is reliable service during the school year. I explained the reliability work that has been completed, which includes the CEMI work, Mainfeed Sectionalizing, and Protection Device installations. All the schools voiced their satisfaction with the reliability and service they have received over the last couple of years. All schools have seen a reduction in outages as well as momentary outages, which affect the high tech equipment in the schools. We closed the meeting by passing out business cards and Emergency Contact Sheets with all our phone numbers.

Action Plan

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

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Roseville Boro Council and Community Residents
Location:	Roseville, PA Community Hall
Date/Time:	August 21, 2007 at 7:30 p.m.
Penelec Circuit:	
Penelec Attendees:	Jody Place (Area Manager)
Public Attendees:	Boro Council Members and Eight Community Members

Background / Issues

This meeting addressed council about streetlight concerns and discussed Penelec's reliability improvement efforts. Members were satisfied and will continue to work with Penelec in regard to future concerns.

Action Plan

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

Met-Ed

Public Meeting Report

Meeting Information

Municipality/Group:	Georgia Pacific Manufacturing Group
Location:	Easton, PA and Webcast
Date/Time:	July 20, 2007
Met-Ed Circuit:	821
Met-Ed Attendees:	Rick Schroth (Customer Support Director), Bob Walker (Senior Specialist), and Eva Gardow (Senior Engineer)
Public Attendees:	Mark Stephens (EPRI Engineering Manager), Tom Fowler (Georgia Pacific), George Trilli (Site Electrician), Ralph Zito (Plant Engineer), Jeff Gum (Facilities Manager), and Patricia Bowles (Georgia Pacific)

Background / Issues

The Georgia Pacific plant in Easton was experiencing power quality problems that were affecting the production process. Met-Ed had taken several steps in reinforcing the system but voltage sags and uncontrollable events on the electrical system were still disrupting plant manufacturing processes. Met-Ed and Georgia Pacific agreed to pursue a Power Quality audit of the manufacturing equipment using an outside party, Electric Power Research Institute (EPRI) that would be funded by Met-Ed.

At this opening meeting, Mark Stephans from EPRI covered the background of Power Quality research and equipment vulnerability. There was a presentation and discussion on processes and possible solutions. The scope and timing of an audit was agreed to by the parties and next steps were outlined to conduct and on-site investigation.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
On-Site Power Quality Audit	EPRI	August 8, 2007	August 8, 2007
Recommendations Developed	EPRI	September 28, 2007	September 28, 2007
Recommendations Presented	EPRI	October 10, 2007	October 10, 2007

Met-Ed

Public Meeting Report

Meeting Information

Municipality/Group:	Berks County Fire Police Chief Association
Location:	Union Twp Fire Dept
Date/Time:	August 17, 2007 at 7:30 p.m.
Met-Ed Circuit:	
Met-Ed Attendees:	Marybeth Smialek, Dennis Yerger, Ron Mohn, and Dan Logar
Public Attendees:	Robert Hummel and 20 representatives from other Fire Police Department

Background / Issues

The Fire and Police Departments were concerned about Met-Ed's response times to relieve them from standing by downed wires and poles. We explained our response procedure for "blue sky days" and our response procedure during storms or other major events. Suggestions to improve the Met-Ed response time and/or ways to relieve the fire police sooner were discussed. The end result was that Met-Ed will continue the current process, which includes relieving the fire police as quickly as possible. Marybeth and Dan provided business cards to those in attendance and asked to be contacted when a situation occurred that may need investigation.

Action Plan

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

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ATTACHMENT C2

Local Reliability Meeting Reports

Meetings Conducted Prior to the 3rd 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 and D-745
Penn Power Attendees:	Bart L. Spagnola (Area Manager) Dave Warcham (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 and 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	3Q 2007	July 6, 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:
Install overhead 69 kV line from West Washington substation to Grant Street substation.	John Wittmann, Engineering Supervisor	Year-End 2008	
Complete the loop by installing overhead 69 kV line from Grant Street substation to Hillcrest substation.	John Wittmann, Engineering Supervisor	Year-End 2009	
Maintenance (if necessary)	Jim Visingardi, Operations Manager	2007	

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)
Met-Ed Circuit:	Windsor and School Lane Substations
Met-Ed 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 Boulevard
Date/Time:	December 22, 2006
Met-Ed Circuit:	00476
Met-Ed 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 a 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.

Met-Ed continues to move towards resolution with the flicker complaints. Met-Ed directed Tate Access Floors to curtail their production operations on September 14, 2007. In response to Met-Ed's request Tate Access Floor filed a Formal PaPUC Complaint on September 20, 2007 to stop disconnection and/or curtailment. Met-Ed's metering data confirm Tate is the primary contributor of flicker. IEEE standards call for 1 Pst or less. During operation Tate is continually above the standard. Concurrently Met-Ed has asked EPRI for a flicker study proposal. Ongoing legal meetings continue to take place to move to resolution in the 4th quarter. Also planned for 4th quarter is a meeting with local legislators, Tate Access Floor and Met-Ed.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Customer Service Representatives 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	The Static VAR Compensator was installed on May 31, 2007
Meet with Representative Saylor, Tate Access Floors and Met-Ed staff to discuss progress	Customer Support, External Affairs	4Q 2007	October 18, 2007
Develop proposal in response to PaPUC complaint that includes utilization of a mobile substation, curtailment and disconnection	Customer Support and Legal	4Q 2007	In Progress

Allegheny Energy

LEGAL SERVICES

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FAX: (724) 838-6464
jmunsch@alleghenyenergy.com

DOCUMENT FOLDER

November 7, 2007

VIA FEDERAL EXPRESS

ORIGINAL

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

L-00030161

Re: Third Quarter 2007 Reliability Report of Allegheny Power

Dear Secretary McNulty:

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

Very truly yours,

John L. Munsch
Senior Attorney

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PA PUBLIC UTILITY COMMISSION
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cc: Darrenn G. Gill, Bureau of CEEP
PAPUC – Bureau of Audits
See Certificate of Service

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Allegheny Power
Quarterly Report for Third 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.

Primary Contact: James D. Cormack
General Manager, Distribution Reliability
(724) 838-6540
jcormac@alleghenypower.com

Secondary Contact: Cynthia A. Menhorn
Director, State Regulatory Affairs
(724) 838-6654
cmenhor@alleghenyenergy.com

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

§ 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.

DOCKETED
NOV 14 2007

a. The following Major Events occurred during the third quarter of 2007. Note that these events are excluded based upon the 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 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. In addition to major events, Allegheny Power tracks the effects of major weather events ("RS Events") that do not meet the 10% exclusion threshold but have a major effect on our reliability statistics. Because Allegheny Power's Pennsylvania territory is spread across four weather zones, large regional storms are typically not excluded, even though they often require massive restoration efforts. During the 12-month period ending September 2007, AP's Pennsylvania service territory experienced many such events, including a December 1st 2006 storm (34-minute SAIDI contribution), a series of four June 2007 storms (the worst of which had a 28-minute SAIDI contribution, with a total contribution of 57 minutes), and consecutive storms on August 8th and 9th (combined 39 minute

SAID contribution); thus approximately 2% of the days during this time period contributed about 130 minutes, or approximately 44.4%, of AP's SAIDI. These items are discussed in more detail in section *(e)(2)*.

§ 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 September 2007. MAIFI statistics are not recorded at Allegheny Power. 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	1.36
CAIDI	170	204	187	215.6
SAIDI	179	257	217	293.1

Data supporting indices:

Zone	Incidents	Affected Grids/ Structures	Interrupted Customers	Avg Cust Served	kVA	Calls	CMI	SAIDI	ASAI	CAIDI	SAIFI
Pennsylvania	20,585	20,585	950,074	698,772	9,606,515	148,968	204,814,328	293.1	0.999442	215.6	1.36

Discussion supporting statistics:

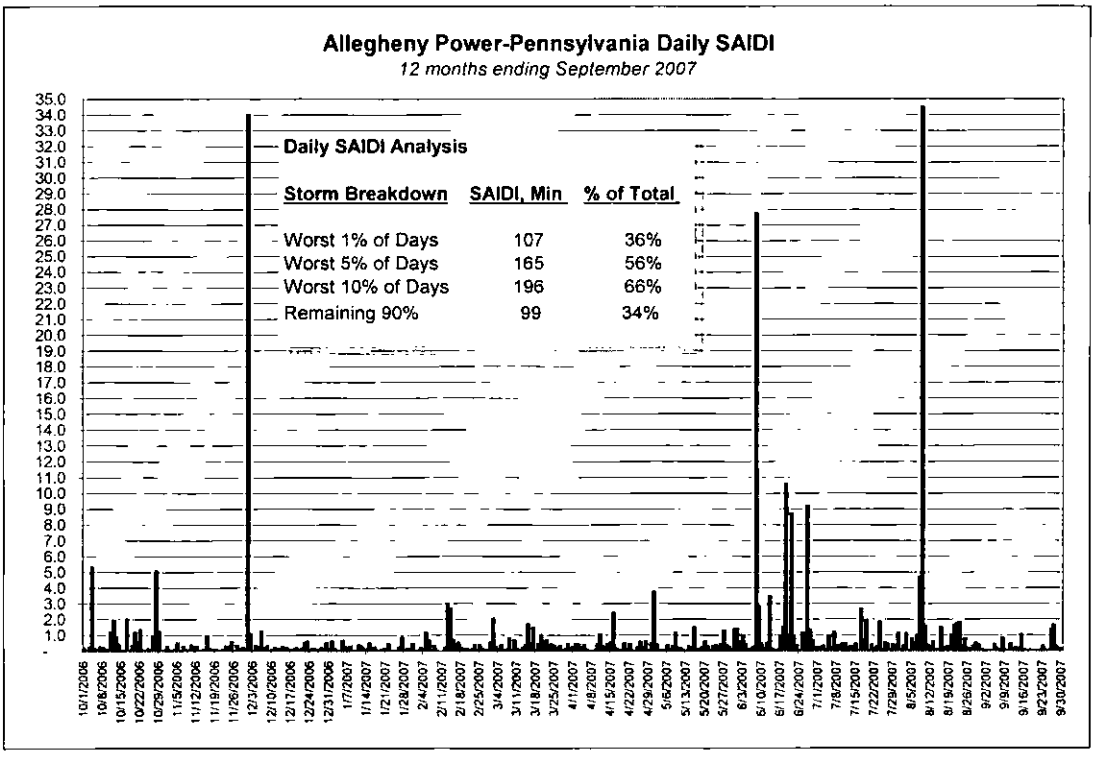
Within the 12-month period ending September 2007, Allegheny's statistics were at their lowest in November 2006; at the end of that month, Allegheny's reliability statistics were SAIFI = 1.11; CAIDI = 166; and SAIDI = 184.

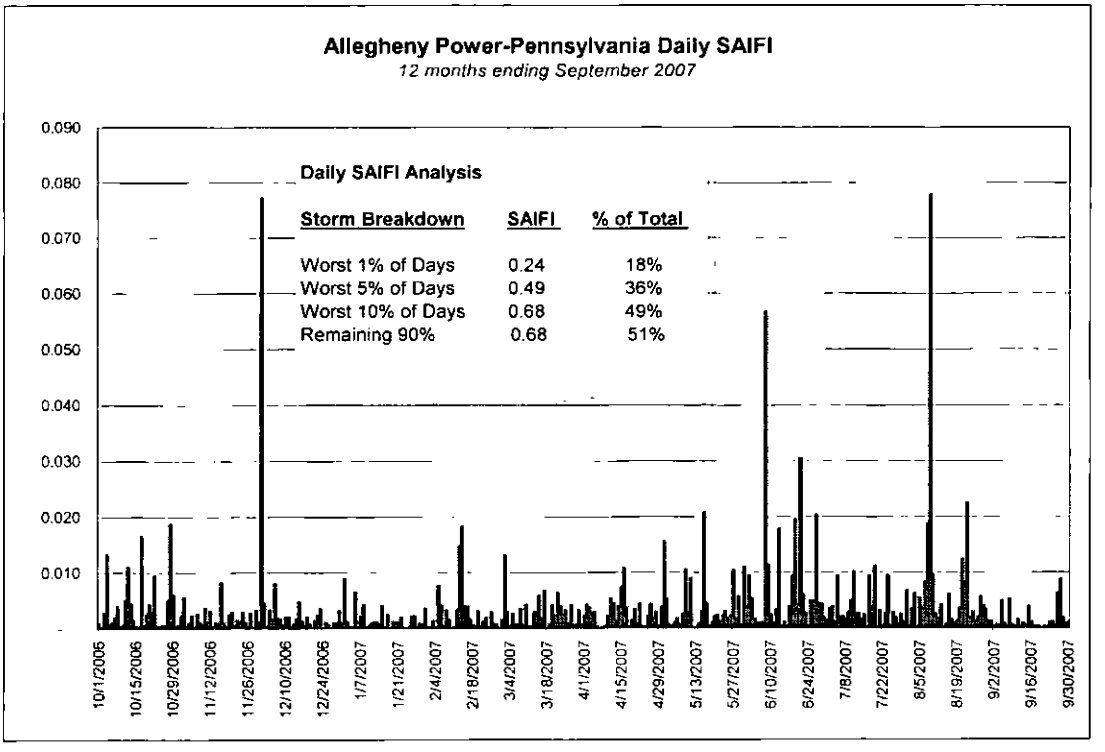
On December 1st, Allegheny experienced a major included storm in its Southwestern PA weather zone, which contributed 34 minutes of SAIDI and 0.08 SAIFI. This storm drove the December 2006 SAIDI to 215, a 31 minute increase. During the months leading up to June, AP's experienced a few small storms in Pennsylvania but SAIDI remained relatively stable, varying between 209 minutes and 216 minutes. Throughout June 2007, Allegheny experienced constant thunderstorm/high wind activity; on June 8th, 19th, 21st and 27th, AP experienced storms which totaled 57 SAIDI minutes and 0.13 SAIFI. Addition storm events on August 8th and 9th contributed over 39 SAIDI minutes and 0.097 SAIFI.

These storm days, which when combined add up to 2% of the total days in the period, contributed about 130 SAIDI minutes (44%) and 0.31 SAIFI (23%). When these storm days are

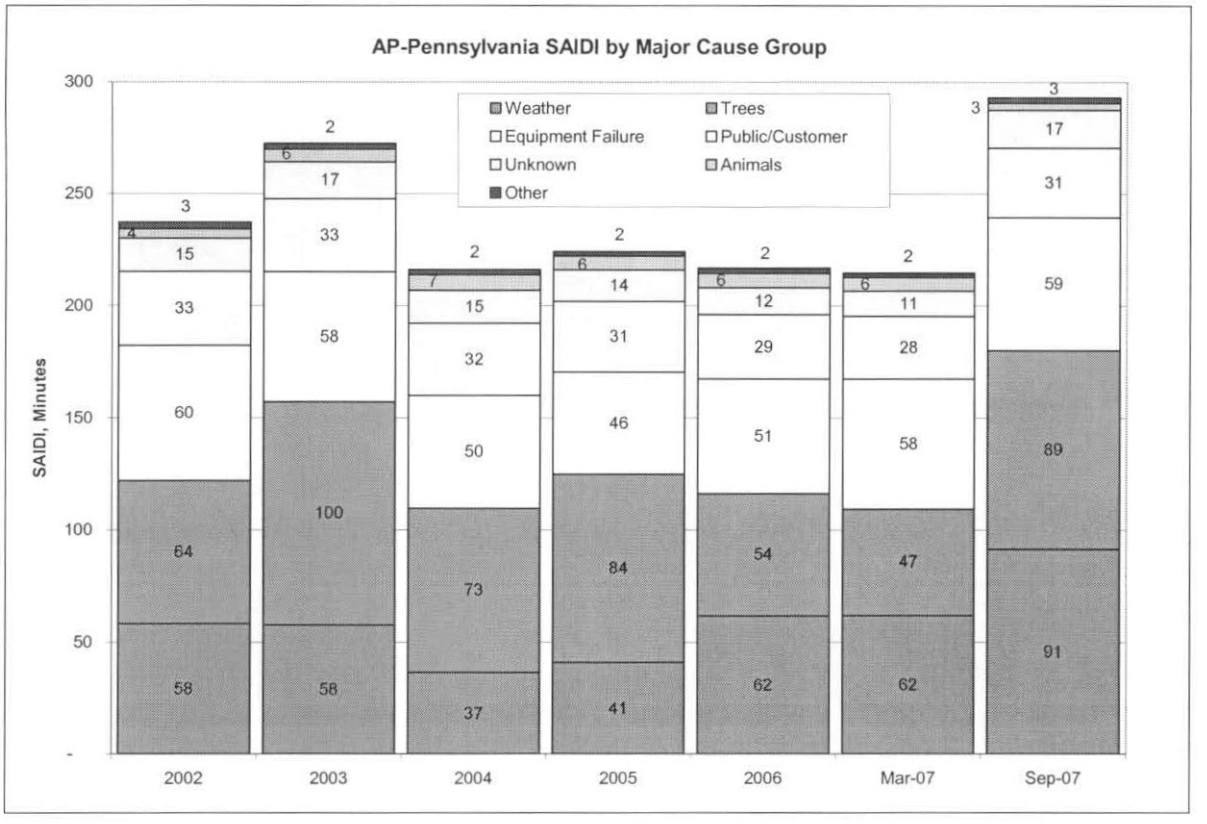
excluded, Allegheny Power's September 2007 statistics drop to SAIFI = 1.05, CAIDI = 155; and SAIDI = 163.

The daily SAIDI and SAIFI are shown in the charts below.





Initial data analysis by high level cause is shown below. While we have seen some increase in equipment-related outages in 2007, the largest increases have been in weather-related and tree-related outages, particularly since the 1st quarter of 2007, before which Allegheny's SAIDI was gradually declining. Allegheny Power will continue to do more detailed analysis on the summer increase in statistics.



§ 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 Distribution Circuit Interruption Index (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. 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.

§ 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 72% of all customer interruptions are caused by non-equipment-related causes. Also note that 95% 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 Sept 07		Customers Interrupted 12 Month ending Sept 07		Customers Minutes Interrupted 12 Month ending Sept 07	
	Number	Percent	Number	Percent	Number	Percent
Animals	1,372	6.7%	24,233	2.6%	2,208,392	1.1%
Overhead Equipment Failure						
Overhead Line Equipment	1,380	6.7%	29,759	3.2%	3,293,585	1.6%
Overhead Line Material	1,957	9.6%	102,140	10.8%	15,517,002	7.6%
Overhead Wire	1,622	7.9%	95,191	10.1%	14,883,989	7.3%
Underground Equipment						
Underground Line Material	44	0.2%	1,003	0.1%	174,329	0.1%
Underground Line Equipment	123	0.6%	2,009	0.2%	477,230	0.2%
Underground Cable	332	1.6%	12,678	1.3%	4,680,993	2.3%
Service Equipment	52	0.3%	82	0.0%	13,350	0.0%
Substation Equipment	84	0.4%	21,157	2.2%	1,710,774	0.8%
Other	177	0.9%	16,212	1.7%	1,772,811	0.9%
Public/Customer	1,939	9.5%	133,171	14.1%	21,837,310	10.7%
Trees						
On Right of Way	213	1.0%	16,251	1.7%	2,949,142	1.4%
Off Right of Way	4,366	21.3%	189,043	20.0%	58,805,029	28.8%
Slide into Line from off ROW	11	0.1%	1,963	0.2%	314,935	0.2%
Unknown	2,007	9.8%	87,490	9.3%	11,820,342	5.8%
Weather	4,780	23.4%	211,081	22.4%	63,861,281	31.3%
Total	20,459	100%	943,463	100%	204,320,494	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 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	Budget 3rd qtr	Actual 3rd qtr	Budget YTD	Actual YTD
.....Distribution Admin_CC	$ (630,103)	$ 128,902	$ (1,272,004)	$ 287,444
.....Distribution Engineering & Planning_CC	$ 207,763	$ 221,527	$ 207,763	$ 221,527
.....Distribution Support_CC	$1,823,539	$ 5,024,193	$ 5,198,410	$ 8,118,175
.....Field Operations_CC	$5,912,907	$ 4,618,367	$17,940,898	$14,980,187
.....Distribution Forestry_CC	$2,609,177	$ 1,366,472	$ 7,222,310	$ 5,351,452
.....Transmission Other_CC	$ 3,902	$(1,913,628)	$ (26,720)	$ (28,598)
.....Substations_CC	$1,845,561	$ 1,644,264	$ 5,310,612	$ 4,816,536
.....Transmission Planning & Operations Group_CC	$1,180,600	$ 1,051,336	$ 3,493,315	$ 3,104,100
.....Technical Services - Delivery_CC	$ 847,021	$ 774,056	$ 2,497,132	$ 2,530,297
.....Transmission Engineering_CC	$ 834,433	$ 628,813	$ 2,200,903	$ 2,498,993
.....Transmission Forestry_CC	$1,324,854	$ 1,322,128	$ 2,908,462	$ 2,476,285
.....Transmission Projects_CC	$ 274,281	$ 132,570	$ 756,470	$ 325,710
.....Transmission Siting_CC	$ 145,209	$ 101,238	$ 545,213	$ 460,371
.....EHV Projects_CC	$ -	$ (7,209)	$ -	$ 11,301
Total	16,379,144	15,093,030	46,982,762	45,153,781

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	3rd Quarter Actuals	3rd Quarter Budget	YTD Costs: Actual	YTD Costs: Budget
03	EHV Substation	$ 206,668	$ -	$ 1,224,044	$ 30,086
04	EHV Lines	$ (74,509)	$ -	$ (73,715)	$ -
05	Transmission Substation	$ 1,133,100	$ 1,869,898	$ 1,629,619	$ 2,037,052
06	Elect Transmission Lines	$ (662,521)	$ 642,606	$ 635,752	$ 1,095,145
07	Distribution Substation	$ 1,516,814	$ 2,559,796	$ 4,583,474	$ 5,734,712
08	Elect Distribution Lines	$ 13,443,132	$ 11,116,335	$ 38,549,947	$ 32,488,003
09	Elect General Plant	$ 1,768,464	$ 1,462,182	$ 2,438,011	$ 3,951,553
11	Subtransmission	$ 447,665	$ 349,870	$ 634,975	$ (8,396)
	Totals	$ 17,778,815	$ 18,000,686	$ 49,622,107	$ 45,328,156

§ 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	51
Lineman C Count	1
Serviceman A Count	80
Serviceman Apprentice Count	27
Serviceman B Count	2
Serviceman C Count	17
Servicemann C Count	1
SS Crew Leader Maintenance Count	13
SS Electrician A Count	36
SS Electrician Apprentice Count	4
SS Electrician B Count	6
SS Electrician C Count	3
Utilityman A Count	5
Utilityman B Count	2
Grand Count	349

§ 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
1st qtr	$1,243,895	$1,243,895
2nd qtr	$1,658,116	$2,902,011
3rd qtr	$1,596,132	$4,498,143

§ 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 4.2 minutes in the second 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. The average response time per crew was 5.0 minutes.

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.	Allegheny Power currently evaluates circuits on a four year cycle, trims the three-phase sections of those circuits, identifies off-right of way danger trees to be removed, and makes decisions on a per circuit basis if additional vegetation management is to be done.
2	Make adjustments to vegetation program to include an assessment of off-right-of-way danger trees.	Off R-O-W danger trees continue to be evaluated during vegetation management cycle and removed if necessary and agreeable to tree owner.
3	Maintain 12-year pole inspection cycle for distribution and sub-transmission wood poles	Poles are inspected on a 12-year cycle.
4	Maintain 12-year facilities inspection cycle for distribution and sub-transmission wood poles	Distribution and subtransmission equipment is inspected on a 12-year cycle.
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.	Inspections include visual inspections of poles, equipment attached to poles, hammer soundings, excavation, borings, and treatment if necessary.
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.	Mid-cycle inspections are made on average every six years.
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 57.195 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 9/20/2007 meeting
14	PREA/AEC meeting - Identify and agree on mutual delivery points that serve critical services/customers	Discussed at 9/20/2007 meeting
15	PREA/AEC meeting - discuss five "worst performing" Delivery Points	Discussed at 9/20/2007 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	84	0.37	77	207	0.99985	13,900	67	-	5	14
Butler	SARVER	BEARCREEK	190	96	0.13	8	61	0.99998	1,462	24	-	2	-
Butler	SAXONBURG	HANNAHSTOWN	539	77	1.76	143	81	0.99973	77,034	950	-	18	32
Butler	SHERWIN	WEST SUNBURY	794	73	0.50	171	339	0.99967	136,055	401	-	14	44
Charleroi	LARGE	LARGE	527	85	1.27	71	56	0.99986	37,288	670	-	11	16
Charleroi	VANCEVILLE	VANCEVILLE	1320	(2)	5.01	1,311	261	0.99751	1,730,235	6,617	4	233	102
Clarion	SLIGO	REIDSBURG	671	71	0.85	233	273	0.99956	156,118	571	-	18	77
Jeannette	HUNTINGDON	HAHNTOWN	1816	79	0.75	147	195	0.99972	267,029	1,366	-	35	19
Jeannette	PENN	ARLINGTON	1612	83	0.51	101	195	0.99981	162,117	830	-	70	22
Jeannette	SEWICKLEY	MIDDLETOWN	823	-	1.94	1,361	701	0.99741	1,119,500	1,598	1	54	41
Jefferson	RUTAN	BRISTORIA	1159	27	3.07	909	296	0.99827	1,053,337	3,553	-	64	189
Kittanning	BRIDGEBURG	BRIDGEBURG	0	100	0.00	-	-	1.00000	-	-	-	-	5
Latrobe	BETHLEN	LAUGHLINTOWN	1103	64	1.35	348	257	0.99934	383,882	1,492	-	50	57
Latrobe	NEW ALEXANDRIA	SUNDIAL	390	39	2.90	700	242	0.99867	273,081	1,129	2	31	29
McConnellsburg	MCCONNELLSBURG	HARRISONVILLE	1388	50	2.81	511	182	0.99903	709,714	3,895	1	67	102
McConnellsburg	WHITETAIL	RESORT	384	87	0.54	70	129	0.99987	26,878	208	-	10	29
Pleasant Valley	IRON BRIDGE	ALVERTON	669	86	0.43	71	163	0.99986	47,212	289	-	33	25
Pleasant Valley	IRON BRIDGE	BRIDGEPORT	1241	84	0.34	78	227	0.99985	96,724	426	-	31	36
St Marys	MARVINDALE	CLERMONT	915	49	1.89	567	299	0.99892	518,999	1,734	1	19	64
St Marys	MARVINDALE	MARVIN CREEK	161	73	0.94	221	236	0.99958	35,591	151	-	3	9
St Marys	MT. JEWETT	TOWN-MT.JEWETT	559	71	1.14	249	219	0.99953	139,195	636	-	10	27
St Marys	ROULETTE	BURTVILLE	284	52	2.98	445	149	0.99915	126,357	846	3	21	25
St Marys	ROULETTE	TOWN ROULETTE	459	60	2.45	355	145	0.99932	163,038	1,124	2	23	20
State College	ATHERTON	SOUTH HILLS	1001	83	0.95	103	109	0.99980	103,266	949	-	56	8
State College	BEECH CREEK	BEECH CREEK	295	72	1.04	243	232	0.99954	71,482	308	-	8	21
State College	BEECH CREEK	BLANCHARD	1573	49	2.10	562	267	0.99893	883,421	3,306	2	38	83
State College	FOWLER	BALD EAGLE	392	57	1.42	439	309	0.99916	172,193	557	1	24	41
State College	MT. RIANSARES TOWER	MT. RIANSARES	13	73	2.00	188	94	0.99964	2,440	26	-	2	4
State College	SCOTIA	SCHOOL	1023	71	1.49	246	165	0.99953	251,927	1,527	1	29	20
State College	THOMPSON FARM	TOFTREES	933	48	2.14	588	275	0.99888	548,580	1,992	-	41	16
State College	WATERVILLE	WATERVILLE	340	(29)	6.02	1,775	295	0.99662	602,780	2,044	1	24	20
Uniontown	BETHELBORO	COOLSPRING	1453	84	0.77	96	124	0.99982	139,084	1,124	-	41	43
Uniontown	EAST MILLSBORO	EAST MILLSBORO	174	(33)	4.14	2,027	489	0.99614	352,747	721	1	45	15
Uniontown	FARMINGTON	OHIOPYLE	613	83	0.43	92	215	0.99982	56,138	261	-	15	62
Washington	AMITY	BANETOWN	1464	38	1.59	728	458	0.99861	1,066,590	2,330	-	90	108
Washington	HOUSTON	MCGOVERN	1643	11	3.26	1,212	371	0.99769	1,990,383	5,362	1	75	68
Washington	PANCAKE	STRABANE	330	(32)	2.36	1,961	832	0.99627	647,040	778	2	26	10
Washington	PANCAKE	VANCE	380	(57)	2.91	2,471	849	0.99530	939,184	1,106	2	45	37
Waynesboro	FAYETTEVILLE	FALLING SPRINGS	688	88	0.65	60	92	0.99989	41,460	450	-	34	35
Waynesboro	QUINCY	ANTHONY HIGHWAY	912	81	1.27	120	94	0.99977	109,470	1,160	1	22	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 during 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	TREVESKYN	TREVESKYN	Install 25kV airswitches to automate substation.	Design in progress
Butler	SARVEN	BEARCREEK	Circuit was transferred to adjacent circuit fed by 138 kV transmission. This will eliminate subtransmission-caused outages. Tree trimming planned for 2007.	Circuit transfer complete. Monitor results.
Butler	SAXONBURG 138KV	HANNAHSTOWN	Lockouts due to trees and customer vehicle in same location. Will investigate possible ties.	Investigation in progress.
Butler	SHERWIN	WEST SUNBURY	Half sectionalizing scheme installed at the station . Tree trimming planned for 2007	Sectionalizing installed. Monitor results
Charleroi	LARGE	LARGE	Trees trimmed in 2006. Replaced two-25kV airswitches in 2206. Built a circuit tie to adjacent circuit in 2006.	Work completed. Monitor results.
Charleroi	VANCEVILLE	VANCEVILLE	Trees trimmed in 2006. One outage caused by lightning effected 63% of the CMI for the period	Trimming completed. Monitor results
Clarion	SLIGO	REIDSBURG	Substation automated in 2006. This will eliminate subtransmission lockouts	Work completed. Monitor results
Jeannette	HUNTINGDON	HUNTINGDON	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.	Circuit review completed first quarter 2006. Recloser work completed. Monitor results
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. Lightning arrestors installed. OCRs to be installed 4th qtr
Jeannette	SEWICKLEY	MIDDLETOWN	Trees trimmed in 2006. Reconductoring and circuit splitting projects pending PA Turnpike widening project planned for same area - would require major relocation of circuit mainline	Circuit review completed first quarter. PA Turnpike work on-going.
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. Pole inspection cycle.	2007 reconductoring work complted.
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. Monitor results
Latrobe	BETHLEN	LAUGHLINTOWN	Trees were trimmed in 2006. About 50% 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. Circuit field review planned 4th 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	HARRISONVILLE	Trees trimmed in 2006.	Trimming completed. Monitor results.
McConnellsburg	WHITETAIL	RESORT	Trees trimmed in 2006.	Trimming completed. Monitor results.
Pleasant Valley	IRON BRIDGE 138/12	ALVERTON	Four lockouts were caused by a louse insulator pin that would fault against the pole then return to normal position	Pin/insulator found and repaired. Monitor circuit.
Pleasant Valley	IRON BRIDGE 138/12	BRIDGEPORT	Tree trimming planned for 2007.	Trimming completed. Monitor results
St Marys	MARVINDALE	CLERMONT	Tree trimming planned for 2007. Fuse review completed in 2004, added 5 line fuses	Trimming completed. Monitor results
St Marys	MARVINDALE	MARVIN CREEK	Tree trimming planned for 2007. Fuse review completed in 2006, added 5 line fuses	Trimming completed. Fuses added. Monitor results
St Marys	MT. JEWETT	TOWN-MT JEWETT	Trees trimmed in 2006	Trimming completed. Monitor results
St Marys	ROULETTE	BURTVILLE	Tree trimming planned for 2007. Fuse review completed in 2006, added 16 line fuses. Replacing substation transformer this year with a larger unit with an LTC.	Trimming planned. Transformer installed in the 4th quarter.
St Marys	ROULETTE	TOWN ROULETTE	Tree trimming planned for 2007. Fuse review completed in 2006, added 3 line fuses. Replacing substation transformer this year with a larger unit with an LTC.	Trimming planned. Transformer installed in the 4th quarter.
State College	ATHERTON	SOUTH HILLS	Reconductoring one mile of line in 2006.	Design in progress.
State College	BEECH CREEK	BEECH CREEK	Trees trimmed in 2006. Fuse review completed in 2006, added 9 line fuses	Trimming completed. Fuses added. Monitor results
State College	BEECH CREEK	BLANCHARD	Trees trimmed in 2006. Fuse review completed in 2004, added 27 line fuses	Trimming completed. Monitor results.
State College	FOWLER	BALD EAGLE	Fuse review completed in 2005, added 27 line fuses and 2 reclosers.	Fuses added. Monitor results
State College	MT. RIANSARES TOWER	MT. RIANSARES	Fuse review completed in 2006, added no line fuses	Fuses added. Monitor results
State College	SCOTIA	SCHOOL	Fusing review scheduled in 2007, will be adding fusing at several locations	Review planned
State College	THOMPSON FARM	TOFTREES	Trees trimmed in 2006. Fuse review completed in 2004, added 10 line fuses. Replaced/injected most of the #2 and 4/0 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).	Work completed. Monitor results
State College	WATERVILLE	WATERVILLE	Tree trimming planned for 2007. Fuse review completed in 2005, added 3 line fuses.	Fuses added. Trimming planned
Uniontown	BETHELBORO	COOLSPRING	Trees trimmed in 2006. Circuit tie planned for 2007 with adjacent circuit	Design in progress
Uniontown	EAST MILLSBORO	EAST MILLSBORO	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.	Trimming planned
Uniontown	FARMINGTON	OHIOPYLE	New 138/12 substation with circuit feeders built in 2006. This will eliminate subtransmission lockouts	Work completed.
Washington	AMITY	DANETOWN	Trees trimmed in 2006	Trees trimmed
Washington	HOUSTON	MCGOVERN	Circuit review in 2007	Circuit review planned
Washington	PANCAKE	STRABANE	Trees trimmed in 2006	Trees trimmed
Washington	PANCAKE	VANCE	Circuit review in 2007	Circuit review planned
Waynesburn	FAYETTEVILLE	FALLING SPRINGS	Trees trimmed in 2006. Plans to install animal guards on high frequency animal contact poles.	Trees trimmed
Waynesboro	QUINCY	ANTHONY HIGHWAY	Tree trimming planned for 2007. Circuit recoordination completed on 8/8/06.	Trimming planned

Appendix III – Goals Progress

2007 Goals - Pennsylvania - Complete Planned Ensure Reliable Service (ERS) Work Third Quarter Results				
ERS Program/Project	Unit of Measurement	Target for 2007	Actual Completed	% Completed
Transmission Herbicide Application	# Transmission Lines	7	2	29%
Transmission Lines Trimming and Clearing	# Transmission Lines	47	12	26%
Subtransmission Herbicide Application	# of Subtransmission Lines	62	30	48%
Subtransmission Line Trimming and Clearing	# of Subtransmission Lines	40	22	55%
Distribution Line Trimming, Clearing & Herbicide Applic.	# of Distribution Line Miles	1846	1,027	56%
Major ERS Projects	# Projects	2	0.9	44%
Transmission Comprehensive Patrol	# Transmission Lines	8	6	75%
Transmission General Patrol	# Transmission Lines	120	120	100%
Ground & Footer Inspections	# Transmission Lines	5	0	0%
Pole Inspection	# Transmission Lines	16	0	0%
Pole Replacements	# Transmission Poles	2	0	0%
Non-Critical Transmission Repairs	# Non-Critical Items	24	24	100%
Subtransmission General Patrol	# Subtransmission Lines	481	481	100%
SS Work (Includes Capital, Planned, & Preventive)	Man-Hours	64,075	51,864	81%
SS Spraying	Manhours	3,133	1,720	55%
Controls Work (Includes Cap., Planned, & Preventative)	Man-Hours	5,660	2,597	46%
Individual ERS Budget Projects	Man-Hours	19,034	14,874	78%
Small Planning Projects	Man-Hours	21,723	13,094	60%
Pole Inspection	# of Circuits	95	62	65%
Pole Reinforcement	# Poles	246	0	0%
Danger Poles	# Danger Poles	279	211	76%
Reject Poles	# Reject Poles	311	226	73%
AIM Work	Points Completed	4,038	3,031	75%
RIP Program	Manhours	5,670	1,942	34%
UG Equipment Inspections	# Locations	5,592	5,716	102%
Recloser Inspections	# Reclosers	2,432	2,498	103%
Regulator Inspections	# Regulators	730	720	99%
Capacitors Inspections	# Capacitors	1,073	1,069	100%
Recloser Replacements	# Reclosers	252	257	102%
UGD Cable Replacement	Feet	29,657	64,535	218%
Cable Injection	Feet	27,961	20,820	74%

Appendix IV – Callout Acceptance

Allegheny Power 2007

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%	579	199	34%	925	219	24%	0	0		2053	585	28%
Boyce	295	126	43%	423	172	41%	694	205	30%	0	0		1412	503	36%
Butler	484	160	33%	923	246	27%	680	176	26%	0	0		2087	582	28%
Charleroi	282	122	42%	550	171	31%	587	179	30%	0	0		1429	472	33%
Clarion	70	34	49%	163	68	42%	81	46	57%	0	0		314	148	47%
Jeannette	733	158	22%	769	215	28%	943	188	20%	0	0		2445	561	23%
Jefferson	244	111	45%	461	129	28%	364	136	37%	0	0		1069	375	35%
Kittanning	117	60	51%	315	111	35%	158	85	54%	0	0		590	256	43%
Latrobe	441	186	42%	536	167	31%	737	188	26%	0	0		1714	541	32%
McConnellsburg	179	111	62%	261	137	52%	187	116	62%	0	0		627	364	58%
McDonald	144	70	49%	195	95	49%	261	111	43%	0	0		600	276	46%
Pleasant Valley	373	132	35%	527	164	31%	446	124	28%	0	0		1346	420	31%
St.Mary's	144	122	85%	324	183	56%	250	131	52%	0	0		718	436	61%
State College	486	119	24%	955	187	20%	858	196	23%	0	0		2299	502	22%
Uniontown	419	216	52%	444	200	45%	513	210	41%	0	0		1376	626	45%
Washington	402	101	25%	565	108	19%	512	114	22%	0	0		1479	323	22%
Waynesboro	519	184	35%	800	218	27%	675	248	37%	0	0		1994	650	33%
Total AP Average	5891	2179	37%	8790	2770	32%	8871	2671	30%	0	0		23552	7620	32%

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%	81	63	78%	90	58	64%	0	0		232	165	71%
Boyce	21	15	71%	39	23	59%	24	15	63%	0	0		84	53	63%
Butler	29	23	79%	44	23	52%	25	16	64%	0	0		98	62	63%
Charleroi	36	18	50%	51	32	63%	49	32	65%	0	0		136	82	60%
Jeannette	37	10	27%	37	12	32%	57	17	30%	0	0		131	39	30%
Jefferson	69	28	41%	70	20	29%	62	11	18%	0	0		201	59	29%
Kittanning	23	14	61%	56	40	71%	15	12	80%	0	0		94	66	70%
Latrobe	46	14	30%	83	15	18%	86	14	16%	0	0		215	43	20%
Pleasant Valley	49	20	41%	43	19	44%	49	13	27%	0	0		141	52	37%
St.Mary's	18	8	44%	32	12	38%	26	9	35%	0	0		76	29	38%
State College	39	14	36%	57	12	21%	65	17	26%	0	0		161	43	27%
Washington	26	12	46%	46	12	26%	33	11	33%	0	0		105	35	33%
Waynesboro	63	19	30%	114	18	16%	66	15	23%	0	0		243	52	21%
Total AP Average	517	239	46%	753	301	40%	647	240	37%	0	0		1917	780	41%
Total Combined AP Average	6408	2418	38%	9543	3071	32%	9518	2911	31%	0	0		25469	8400	33%

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:

Index	System Average	Sample Circuit Index
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.

Actual SAIFI / System Average SAIFI = 2.32 / 0.66 = 3.52
Actual SAIDI / System Average SAIDI = 258.8 / 181.95 = 1.42
Actual CAIDI / System Average CAIDI = 176.23 / 275.71 = 0.64

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

SF = 1 - (0.3 x (Actual SAIFI / Average SAIFI)) = 1 - (0.3 * 3.52) = -0.0560
SD = 1 - (0.3 x (Actual SAIDI / Average SAIDI)) = 1 - (0.3 * 1.42) = 0.5740
CD = 1 - (0.3 x (Actual CAIDI / Average CAIDI)) = 1 - (0.3 * 0.64) = 0.8080

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

(SF + SD + 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.

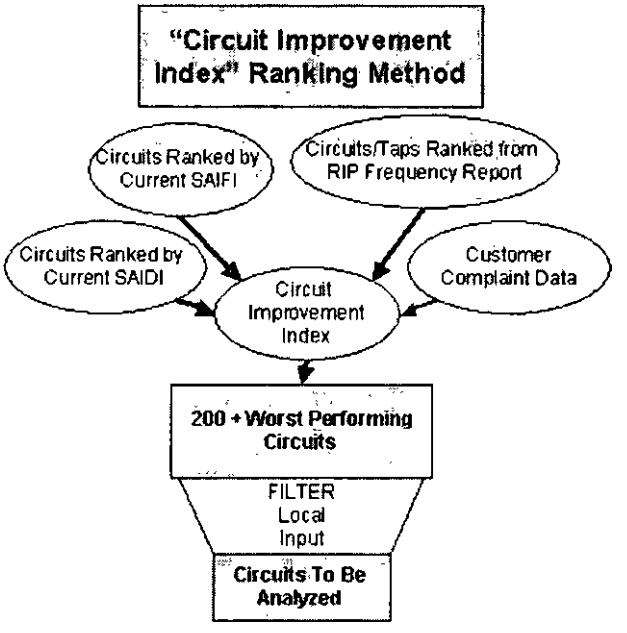
((SF + SD + CD) / 3) * ASAI x 100 = DCII = 0.4420 * 0.999769 *100 = 44.19

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 for the quarter.

Re: Allegheny Power Third Quarter 2007
Reliability Report; PAPUC

CERTIFICATE OF SERVICE

I certify that this 7th day of November, 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

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