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Akron, Ohio 44308

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May 1, 2006

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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

Re: Joint 1st Quarter 2006 Reliability Report - Pennsylvania Power Company,
Pennsylvania Electric Company, and Metropolitan Edison Company pursuant to
52 PA Code 57.195(e)

Dear Secretary McNulty:

Enclosed for filing on behalf of the Pennsylvania Power Company, Pennsylvania
Electric Company, and Metropolitan Edison Company (collectively, "Companies") are an
original and six (6) copies of its Joint 1st Quarter 2006 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 public version of the quarterly reliability report. The Proprietary Version for this
report will be filed under a separate letter.

A copy of this Joint Report is being submitted electronically to the Office of
Consumer Advocate, the Office of Small Business Advocate, and the Allegheny Electric
Cooperative.

L-00030161

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Sincerely

Eric Dickson
Director, Operations Services

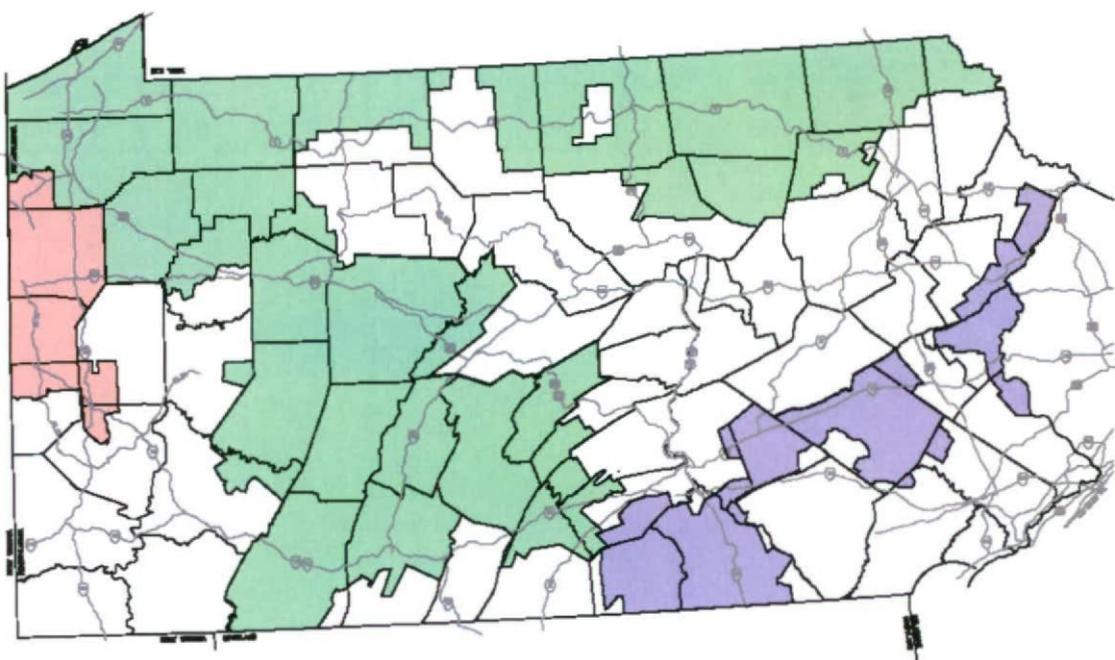
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Joint 1st Quarter 2006 Service Reliability Report –
Pennsylvania Power Company,
Pennsylvania Electric Company, and
Metropolitan Edison Company
Pursuant to 52PA Code § 57.195(e)

L-00030161



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 **PennPower**
A FirstEnergy Company

 **Penelec**
A FirstEnergy Company

 **Met-Ed**
A FirstEnergy Company

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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**Joint 1st Quarter 2006 Service 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 (“Penclec”), and Metropolitan Edison Company (“Met-Ed”) collectively referred to as the Companies for the period ending first quarter 2006.

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

<i>FE Company</i>	<i>Customers Affected</i>	<i>Major Event</i>		<i>Customer Minutes</i>	<i>Description</i>
<i>Met-Ed</i>	84,696	Duration	124 hrs. 18 min.	33,018,594	Heavy rain with strong winds gusting to over 50 mph.
		Start Date/Time	1/14/06 1:04 A.M.		
		End Date/Time	1/19/06 5:22 A.M.		

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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 Indices

The major event criteria are determined by having 10% of Penn Power, Penelec, or Met-Ed's customers out of service for 5 minutes or longer. The 12-month rolling Reliability Performance Indices through March 2006 are:

1Q 2006	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	1.65	1.26	1.52	1.90	1.15	1.38	1.68
CAIDI	101	121	148	117	141	141	117	140	120
SAIDI	113	162	244	148	213	269	135	194	200
Customers Served ^(a)	157,218			590,240			529,034		
Number of Sustained Interruptions	3,531			12,590			8,801		
Customers Affected	258,739			1,123,013			886,349		
Customer Minutes	38,296,306			158,651,904			105,959,589		

^(a) The customers served based on connectivity in FirstEnergy's Outage Management System (OMS) is used in calculating the reliability indices.

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 Circuit - Reliability Indices

The companies have been working toward developing an improved approach to a more targeted and focused analysis, ensuring that efforts are directed toward drivers of performance requiring improvement. This approach involves breaking down the components of system performance and identifying system improvements that will positively impact reliability performance as seen by the customer. Outage cause codes recorded in FirstEnergy's OMS are discernible by power supply components to allow for a more focused and distinct analysis of each of the following areas: Supply, Substation, and Distribution. Consequently, beginning in 2006, distribution circuits will be ranked based on SAIDI contribution to the overall Company SAIDI (customer minutes).

Penn Power 5% Worst Performing Circuits:

Circuit Rank	Substation	Circuit Desc	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	Canal	W-102	1,711	63	1	1,732,098	4,461	11.02	1,012	2.61	389	0.17
2	Hartstown	W-126	2,183	98	0	1,026,834	4,366	6.53	470	2.00	236	1.93
3	Conneaut	W-173	1,934	41	0	915,651	4,405	5.82	473	2.25	210	4.19
4	Camp Reynolds	W-134	1,917	82	1	893,072	4,096	5.68	466	2.01	232	0.15
5	Stoneboro	W-130	1,893	82	0	753,243	2,174	4.79	398	1.15	347	0.73
6	Chippewa	D-556	1,446	33	1	740,948	2,560	4.71	512	1.73	295	5.92
7	Hermitage	W-260	2,381	62	0	685,061	3,446	4.36	288	1.36	211	0.76
8	Mercer	W-167	1,027	44	0	670,271	2,430	4.26	653	2.24	291	3.27

- (1) Average 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 outage causes.
- (6) Impact of the outages on this circuit to the Company's system SAIDI.
- (7) Distribution circuit SAIDI, SAIFI, CAIDI and MAIFI due to distribution outage causes.

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Penelec 5% Worst Performing Circuits (1 of 2):

Circuit Rank	Substation	Circuit Desc	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	3,086	115	0	4,451,927	21,027	7.54	1,443	6.80	212	1.22
2	Fairview East	00242-34	1,313	47	0	3,698,600	8,715	6.27	2,818	6.64	424	17.88
3	Philipsburg	00162-22	3,270	94	0	2,724,830	6,418	4.62	833	1.96	425	7.93
4	Philipsburg	00164-22	2,335	63	5	2,521,140	23,070	4.25	1,075	8.88	121	16.66
5	Union City Sub	00206-43	3,969	119	1	2,382,077	13,250	4.07	606	3.18	190	20.68
6	Crown	00319-51	1,327	49	2	1,818,577	6,119	3.08	1,370	4.61	297	7.18
7	Boyer	00583-31	1,551	23	1	1,629,738	7,018	2.76	1,051	4.52	232	0.55
8	Erie South	00259-31	2,366	67	0	1,227,093	7,510	2.47	617	4.19	147	14.44
9	Hammett	00504-31	1,337	38	5	884,899	10,001	2.47	1,091	9.53	114	6.28
10	Rolling Meadows	00310-31	3,263	34	2	1,442,137	12,937	2.44	442	3.94	112	4.02
11	Philipsburg	00149-22	1,023	32	3	1,387,964	4,496	2.35	1,357	4.39	309	17.37
12	Lewis Run	00408-42	1,210	29	3	1,373,737	5,443	2.33	1,135	4.50	252	9.55
13	Shawville	00153-21	1,138	33	2	1,376,385	9,901	2.32	1,204	7.92	152	6.46
14	Hammett	00502-31	1,565	53	2	1,001,789	4,020	2.24	844	3.57	236	19.67
15	Mckean	00411-34	1,057	45	1	1,262,343	4,651	2.14	1,194	4.40	271	4.88
16	Powell Ave Sub	00513-31	1,855	51	3	1,241,586	8,694	2.10	669	4.68	143	1.00
17	Boyer	00584-31	1,742	32	3	1,137,171	4,344	1.95	660	2.56	258	0.00
18	Grover	00527-63	1,164	81	1	759,394	5,018	1.84	932	4.96	188	8.13
19	Madera	00166-22	2,236	61	3	1,087,240	7,764	1.83	482	2.93	165	25.17
20	Grandview	00354-51	471	7	1	1,061,320	951	1.80	2,253	2.02	1,116	9.12
21	Tower Hill	00580-63	391	14	0	1,001,166	1,208	1.70	2,561	3.09	829	0.38
22	Spnngboro	00237-52	3,088	73	0	928,768	9,534	1.60	305	3.09	99	22.41
23	Knox	00323-51	1,337	54	1	941,772	5,113	1.60	704	3.82	184	46.51
24	Titusville Sub	00387-51	863	23	0	794,292	4,005	1.55	1,060	4.88	217	7.48
25	Utica Junction	00318-51	892	49	0	840,949	2,658	1.49	985	3.17	311	1.17
26	Page Road	00445-43	632	52	2	856,509	3,886	1.45	1,355	6.15	220	27.23
27	Tionesta Sw St	00498-51	1,119	52	0	822,968	4,967	1.45	764	4.53	169	14.45
28	Church	00427-34	785	35	2	845,228	3,756	1.43	1,077	4.78	225	3.98
29	Russell Hill	00282-65	1,065	36	0	711,077	3,213	1.39	768	3.14	245	9.52
30	Dubois	00137-23	2,750	70	1	785,752	7,243	1.33	286	2.63	108	21.97
31	North Warren	00207-41	1,441	39	1	778,273	5,208	1.32	540	3.61	149	9.99
32	Erie East	00234-31	1,922	81	1	403,053	1,937	1.30	400	2.02	198	29.05
33	Mercer Pike	00474-52	470	33	0	371,814	1,862	1.29	1,623	4.87	333	1.69
34	Lawrenceville	00632-63	651	23	3	745,690	2,821	1.26	1,145	4.33	264	0.00
35	Madera	00167-22	1,664	36	5	709,729	4,485	1.20	427	2.70	158	14.73
36	Waverly	00164-66	941	34	1	693,924	1,610	1.18	737	1.71	431	0.00
37	Madera	00147-22	1,062	44	2	677,450	3,235	1.15	638	3.05	209	7.69
38	Morgan Street	00240-52	1,448	18	2	461,875	2,325	1.12	458	2.62	175	5.78
39	Columbia Crossroads	00763-63	546	26	2	655,709	2,659	1.11	1,205	4.90	246	12.01
40	Central Ere	00232-31	796	2	0	636,906	452	1.08	800	0.57	1,409	1.00
41	Fairview Erie	00422-34	1,024	26	1	629,331	2,739	1.07	615	2.67	230	1.01
42	Fairview East	00216-34	570	11	4	626,014	2,370	1.06	1,098	4.16	264	0.91
43	Hooversville	00019-12	1,104	44	0	615,845	3,316	1.04	558	3.00	186	20.90

Penelec 5% Worst Performing Circuits (2 of 2):

Circuit Rank	Substation	Circuit Desc	Average Customers (1)	Outages (2)	Lockouts (3)	Customer Minutes (4)	Customers Affected (5)	SAIDI Impact (6)	SAIDI (7)	SAIFI (7)	CAIDI (7)	MAIFI (7)
44	Edgewood	00089-13	909	35	2	631,890	3,739	0.99	642	3.92	164	5.45
45	Franklin	00307-51	645	20	3	409,101	2,337	0.98	899	4.62	194	14.49
46	Lake Como	00787-65	1,035	49	1	437,643	2,532	0.98	558	3.44	162	56.22
47	Rachel Hill	00049-11	2,278	30	1	618,628	5,100	0.97	251	1.71	147	14.45
48	East Hickory	00201-41	373	14	3	542,880	1,289	0.95	1,505	3.62	416	8.99
49	Fairview East	00218-34	1,025	17	1	531,158	1,583	0.90	518	1.54	336	2.93
50	Emlenton	00322-51	464	15	1	528,100	1,178	0.89	1,138	2.52	451	1.71
51	Church	00426-34	682	27	1	525,325	1,141	0.89	770	1.67	460	17.17
52	Lewis Run	00409-42	709	24	0	438,588	1,192	0.87	726	2.48	293	7.16
53	Rolling Meadows	00249-31	2,208	28	1	514,298	3,782	0.87	233	1.71	136	1.00
54	Northeast	00592-31	1,558	44	1	343,221	2,689	0.86	324	1.93	169	2.33
55	Division Street	00561-31	371	3	1	495,435	550	0.84	1,335	1.48	901	0.00
56	Kearsarge	00527-31	1,321	13	2	492,229	3,243	0.83	373	2.45	152	1.00
57	Lowell Avenue	00518-31	1,026	15	1	492,091	1,393	0.83	480	1.36	353	12.01
58	Glen Fern	00512-51	871	26	1	487,798	2,253	0.83	560	2.59	217	3.44
59	East Pike	00096-13	2,567	26	0	483,502	3,603	0.82	188	1.40	134	10.94

- (1) Average Customers served by the circuit for the 12-month period.
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- (5) Number of customer outages during the period due to outage causes.
- (6) Impact of the outages on this circuit to the Company's system SAIDI.
- (7) Distribution circuit SAIDI, SAIFI, CAIDI and MAIFI due to distribution outage causes.

Met-Ed 5% Worst Performing Circuits:

Circuit Rank	Substation	Circuit Desc	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	Bath Sub	00873-3	2,072	26	2	2,297,150	8,169	4.33	1,106	3.49	317	5.83
2	Fox Hill Subst	00816-3	3,695	68	3	2,142,493	16,131	4.05	580	4.37	133	2.14
3	Shawnee Sub	00895-3	3,139	52	0	1,700,140	4,878	3.21	542	1.55	349	6.57
4	Birchwood Sub	00622-3	1,857	66	1	1,648,951	9,511	3.12	888	5.12	173	7.24
5	Shawnee Sub	00899-3	2,597	70	0	1,444,144	4,926	2.73	556	1.90	293	14.84
6	Hill Sub	00737-4	2,050	38	2	1,340,395	8,838	2.53	654	4.31	152	3.85
7	Birchwood Sub	00623-3	1,751	50	1	1,095,022	7,231	2.07	625	4.13	151	6.64
8	Windsor	00795-4	1,054	80	1	913,319	3,313	1.73	867	3.14	276	4.26
9	W Boyertown Sub	00715-1	1,692	41	6	910,309	10,986	1.72	538	6.49	83	1.99
10	Newberry Sub	00576-4	2,262	86	1	896,417	5,694	1.69	396	2.50	158	19.55
11	E Tipton Sub	00724-1	1,434	31	2	850,089	5,374	1.61	593	3.75	158	11.54
12	Shawnee Sub	00837-3	1,188	38	2	780,337	6,809	1.46	650	5.42	120	10.19
13	Shawnee Sub	00860-3	3,030	40	0	757,437	7,835	1.43	250	2.59	97	2.26
14	No Bangor	00826-3	2,946	78	2	754,646	8,893	1.43	256	3.02	85	2.67
15	Berwille Sub	00786-1	1,833	59	1	745,861	5,081	1.41	407	2.77	147	2.78
16	S Hamb Sub	00745-1	1,942	8	1	740,482	6,215	1.40	381	3.20	119	3.00
17	Mountain Substation	00740-4	2,305	48	0	737,580	3,868	1.39	320	1.67	192	9.00
18	Dillsburg Substation	00748-4	1,699	58	3	719,544	7,084	1.36	424	4.17	102	4.41
19	Windsor	00797-4	1,544	61	0	670,482	4,511	1.27	434	2.92	149	9.35
20	Ringing Rocks Sub	00708-1	2,101	39	1	663,650	3,458	1.25	316	1.65	192	1.06
21	Mountain Substation	00744-4	1,766	45	1	651,447	3,247	1.23	369	1.84	201	5.52
22	E Tipton Sub	00733-1	1,738	33	0	650,993	1,689	1.23	375	0.97	385	4.13
23	Yoe Sub	00560-4	2,481	23	2	633,692	5,384	1.20	255	2.17	118	2.93
24	Barto Sub	00706-1	2,382	66	2	627,357	6,190	1.19	263	2.60	101	2.26
25	Gardners	00760-4	1,017	53	1	584,775	3,628	1.11	575	3.57	161	9.04
26	Lickdale Substation	00625-2	961	42	3	571,165	3,493	1.08	594	3.63	164	3.78
27	Mc Knights Gap Sub	00774-1	1,422	12	0	562,648	1,870	1.06	396	1.32	301	2.00
28	Birdsboro	00756-1	1,402	48	0	558,230	3,317	1.06	398	2.37	168	7.91
29	Taxville	00575-4	1,976	34	0	560,775	4,459	1.05	281	1.69	167	2.78
30	Shawnee Sub	00833-3	731	17	4	520,491	3,018	0.98	712	4.13	172	2.98
31	Flying Hills Sub	00776-1	1,464	21	0	513,439	1,910	0.97	351	1.30	269	3.31
32	S Nazareth	00809-3	2,544	32	2	506,305	4,195	0.96	199	1.65	121	3.40
33	Northwood Sub	00808-3	755	20	5	499,052	4,765	0.94	661	6.31	105	7.49
34	Allen Sub	00503-4	1,877	71	0	496,800	2,964	0.94	265	1.58	168	14.81
35	Ortanna	00764-4	1,648	39	0	491,234	1,775	0.93	298	1.08	277	2.39
36	Birchwood Sub	00624-3	1,800	50	2	486,637	5,638	0.92	270	3.13	86	3.98

- (1) Average 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 outage causes.
- (6) Impact of the outages on this circuit to the Company's system SAIDI.
- (7) Distribution circuit SAIDI, SAIFI, CAIDI and MAIFI 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 Circuit – Remedial Action

Penn Power – Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Work Completed
1	Canal	W-102	<i>Performance driven by a long duration non-preventable tree caused outage during a storm and a long duration vehicle caused outage.</i>		
			Three circuit fuses to be reviewed for reliability improvement.	Field review completed 3Q 2005. Line work started and to be completed 2Q 2006.	
2	Hartstown	W-126	<i>Performance driven by tree outages and two outages downstream of a recloser station. Recloser outages caused by one line failure and one vehicle damage.</i>		
			Field review of the section of circuit served by the recloser station to improve reliability.	Field review of recloser station to be completed by end of 2Q 2006.	
			Complete full cycle tree clearing in 2006	Start date estimated for 4/24/2006.	
3	Conneaut	W-173	<i>Performance driven by tree conditions and unknown outages effecting a recloser station.</i>		
			Complete full cycle tree clearing in 2006.	Tree clearing started 2/20/2006.	
			Two circuit protection jobs were prepared to improve reliability for this circuit.	The work was completed in July and August 2005.	Aug-05
4	Camp Reynolds	W-134	<i>Performance driven by 1 long duration line failure outage.</i>		
			Field review of circuit protection was completed and fusing jobs in progress.	Three fusing jobs to be complete 2Q 2006. 7 fusing jobs complete 4Q 2005. 2 fusing jobs complete 1Q 2006.	
			One additional circuit protection job identified.	Field review to be completed by end of 2Q 2006.	
5	Stoneboro	W-130	<i>Performance driven by two long duration outages affecting one recloser station.</i>		
			Field review the section of circuit served by the recloser station to improve reliability.	Field review of recloser station to be completed by end of 2Q 2006.	
6	Chippewa	D-556	<i>Performance driven by a substation lock out during a storm.</i>		
			Broken crossarms replaced and conductor repaired.	Complete	Apr-05
7	Hermitage	W-260	<i>Performance driven by 3 long duration outages. One during storm conditions, one attributable to animal contact and one due to trees in contact with the primary, also during a storm.</i>		
			Complete full cycle tree clearing in 2006.	Tree clearing started 4/3/2006.	
			One circuit protection job was prepared to improve reliability for this circuit.	The work was completed in June 2005.	Jun-05
8	Mercer	W-167	<i>Performance driven by 2 long duration outages during a storm when non-preventable trees fell onto the distribution line and one outage was caused by a lightning event.</i>		
			Four circuit fuses have been reviewed and line work completed on this circuit in April and August 2005.	Complete	Aug-05
			Review recloser location and back-lot line for feasibility to relocate along road to improve accessibility.	Review complete 1Q 2006.	Apr-06

Penelec- Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	
1	Warren South	00220-41	<i>Performance was driven by failed insulators and cutouts and non-preventable tree caused outages.</i>			
			Completed replacement of failed insulators, cutouts and tree damage .	Complete	Mar-06	
			Engineering Circuit Coordination Review	Complete	Mar-06	
			Install reclosers	To Be Completed Q4 2006		
			Install main line tap fuses.	To Be Completed Q2 2006		
			Review tree conditions.	To Be Completed Q2 2006		
2	Fairview East	00242-34	<i>Performance was driven by a minor storm and non-preventable trees caused damage.</i>			
			Completed minor storm and tree damage.	Complete	Jul-05	
			Engineering Circuit Coordination Review	Complete	Feb-06	
			Review tree conditions.	Complete	Mar-06	
3	Philipsburg	00162-22	<i>Performance was driven by outages caused by crossarm failure and non-preventable trees.</i>			
			Completed replacement of crossarms and tree damage.	Complete	Mar-06	
			Review tree conditions.	Complete	Mar-06	
			Engineering Circuit Coordination Review	To Be Completed Q2 2006		
			Install reclosers	To Be Completed Q3 2006		
			Install Radio Controlled Switches	Completed	Mar-06	
4	Philipsburg	00164-22	<i>Performance was driven by outages caused by non-preventable trees and insulator failure.</i>			
			Completed replacement of crossarms and tree damage.	Complete	Mar-05	
			Engineering Circuit Coordination Review	Complete	Dec-05	
			Review tree conditions.	Complete	Mar-06	
			Replace deteriorated poles	To Be Completed Q3 2006		
			Install reclosers	Complete	Mar-06	
5	Union City Sub	00206-43	<i>Performance was driven by outages caused by minor storms and non-preventable tree caused damage.</i>			
			Completed minor storm and tree damage.	Complete	Mar-06	
			Install reclosers	Complete	Dec-05	
			Review tree conditions.	To Be Completed Q2 2006		
6	Crown	00319-51	<i>Performance was driven by minor storm damage, failed conductor and non-preventable tree caused damage.</i>			
			Completed minor storm and tree damage.	Complete	Jun-05	
			Engineering Circuit Coordination Review	Complete	Jan-06	
			Install reclosers	To Be Completed Q2 2006		
			Install main line tap fuses.	To Be Completed Q3 2006		

Penelec- Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
7	Boyer	00583-31	<i>Performance was driven by minor storm damage, broken crossarms and failed conductor.</i>		
			Completed replacement of crossarms, conductor and minor storm	Complete	Jun-05
			Engineering Circuit Coordination Review	Complete	Dec-05
			Install Reclosers	Complete	Dec-05
			Review tree conditions.	To Be Completed Q2 2006	
8	Erie South	00259-31	<i>Performance was driven by minor storm damage and a failed transformer step bank.</i>		
			Repaired minor storm damage and a failed transformer step bank.	Complete	Sep-05
			Review tree conditions.	Complete	Mar-06
			Reconductor / Convert 4 KV to 12kv	To Be Completed Q4 2006	
			Install reclosers	To Be Completed Q4 2006	
			Engineering Circuit Coordination Review	Completed	Mar-06
9	Hammett	00504-31	<i>Performance was driven by minor storm damage: broken crossarms and non-preventable tree caused damage.</i>		
			Completed minor storm damage; broken crossarms and non-preventable tree caused damage.	Complete	Feb-06
			Engineering Circuit Coordination Review	Complete	Jan-06
			Review tree conditions	To Be Completed Q2 2006	
			Install Reclosers	To Be Completed Q4 2006	
10	Rolling Meadows	00310-31	<i>Performance was driven by two failed UG cable events.</i>		
			Repaired two failed UG cable events.		Sep-05
			Replace failed UG cable	To Be Completed Q4 2006	
			Engineering Circuit Coordination Review	Complete	Mar-06
11	Philipsburg	00149-22	<i>Performance was driven by outages caused by non-preventable trees and conductor failure.</i>		
			Repaired non-preventable trees and conductor failure.	Complete	Feb-05
			Review tree conditions	Complete	Mar-06
			Engineering Circuit Coordination Review	To Be Completed Q2 2006	
			Install Reclosers	To Be Completed Q4 2006	
			Install Radio Controlled Switches	To Be Completed Q3 2006	
12	Lewis Run	00408-42	<i>Performance was driven by non-preventable tree caused damage and failed cutouts.</i>		
			Repaired non-preventable tree caused damage and failed cutouts.	Complete	Sep-05
			Engineering Circuit Coordination Review	Complete	Mar-06
			Review tree conditions	Complete	Dec-05
			Install Reclosers	Complete	Mar-06
			Install main line tap fuses.	Complete	Mar-06

Penelec- Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	
13	Shawville	00153-21	<i>Performance was driven by non-preventable tree caused outages.</i>			
			Repaired non-preventable tree caused outages.	Complete	Mar-06	
			Install Radio Controlled Switch	Complete	Nov-05	
			Engineering Circuit Coordination Review	To Be Completed Q2 2006		
			Install main line tap fuses.	To Be Completed Q3 2006		
			Install reclosers	To Be Completed Q4 2006		
			Review tree conditions.	Complete	Mar-06	
14	Hammett	00502-31	<i>Performance was driven by minor storm damage, broken crossarms & failed primary conductor.</i>			
			Repaired minor storm damage, broken crossarms & failed primary conductor.	Complete	Dec-05	
			Engineering Circuit Coordination Review	Complete	Jan-06	
			Install main line tap fuses.	To Be Completed Q4 2006		
			Install reclosers	To Be Completed Q4 2006		
15	Mckean	00411-34	<i>Performance was driven by minor storm and non-preventable tree caused damage and broken crossarms and failed primary conductor.</i>			
			Repaired minor storm and non-preventable tree caused damage and broken crossarms and failed primary conductor.	Complete	Aug-05	
			Engineering Circuit Coordination Review	Complete	Mar-06	
			Install reclosers	To Be Completed Q4 2006		
16	Powell Ave	00513-31	<i>Performance was driven by blown fuses, animal contacts and non-preventable tree caused damage.</i>			
			Repaired blown fuses, animal contacts and non-preventable tree caused damage.	Complete	Jun-05	
			Engineering Circuit Coordination Review	Complete	Dec-05	
			Install Reclosers	Complete	Mar-06	
17	Boyer	00584-31	<i>Performance was driven by minor storm and vehicle caused damage and failed ug primary cable.</i>			
			Repaired minor storm and vehicle caused damage and failed ug primary cable.	Complete	Jul-05	
			Engineering Circuit Coordination Review	Complete	Feb-06	
			Install main line tap fuses.	To Be Completed Q4 2006		
			Install Reclosers	To Be Completed Q4 2006		

Penelec- Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
18	Grover	00527-63	<i>Performance was driven by minor storm damage and outages due to non-preventable trees and equipment failures.</i>		
			Repaired minor storm damage and outages due to non-preventable trees and equipment failures.	Complete	Jun-05
			Engineering Circuit Coordination Review	Complete	Dec-05
			Install main line tap fuses	Complete	Dec-05
			Install reclosers	Complete	Dec-05
			Replace deteriorated poles & insulators	Complete	Dec-05
			Review tree conditions	To Be Completed Q2 2006	
19	Madera	00166-22	<i>Performance was driven by outages caused by conductor failure and non-preventable trees.</i>		
			Repaired outages caused by conductor failure and non-preventable trees.	Complete	Mar-06
			Engineering Circuit Coordination Review	Complete	Nov-05
			Review tree conditions	Complete	Mar-06
			Install main line tap fuses	Complete	Mar-06
			Install Reclosers	Complete	Mar-06
			Install Radio Controlled Switches	To Be Completed Q3 2006	
20	Grandview	00354-51	<i>Performance was driven by minor storm damage, conductor failure and non-preventable tree caused outages</i>		
			Repaired minor storm damage, conductor failure and non-preventable tree caused outages	Complete	Jun-05
			Engineering Circuit Coordination Review	Complete	Feb-06
			Install main line tap fuses	Complete	Mar-06
			Replace deteriorated cutouts, fuse CSP transformers	Complete	Mar-06
21	Tower Hill	00580-63	<i>Performance was driven by outages due to a tornado resulting in non-preventable tree and crossarm damage</i>		
			Repaired outages due to a tornado resulting in non-preventable tree and crossarm damage	Complete	Jun-05
			Engineering Circuit Coordination Review	To Be Completed Q3 2006	
			Review tree conditions.	To Be Completed Q3 2006	
22	Springboro	00237-52	<i>Performance was driven by minor storm and vehicle caused damage.</i>		
			Repaired minor storm and vehicle caused damage.	Complete	Sep-05
			Engineering Circuit Coordination Review	Complete	Oct-05
			Install main line tap fuses	Complete	Dec-05
			Install reclosers	Complete	Feb-06
			Review tree conditions.	To Be Completed Q2 2006	
Install Radio Controlled Switches	To Be Completed Q2 2006				

Penelec- Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	
23	Knox	00323-51	<i>Performance was driven by minor storm damage, failed cutouts and non-preventable tree caused outages.</i>			
			Repaired minor storm damage, failed cutouts and non-preventable tree caused outages.	Complete	Sep-05	
			Engineering Circuit Coordination Review	Complete	Dec-05	
			Install main line tap fuses	Complete	Dec-05	
			Install reclosers	Complete	Dec-05	
			Replace deteriorated poles & insulators	Complete	Dec-05	
			Review tree conditions	Complete	Mar-06	
24	Titusville	00387-51	<i>Performance was driven by minor storm damage, failed cutouts and crossarms and non-preventable tree caused outages.</i>			
			Repaired minor storm damage, failed cutouts and crossarms and non-preventable tree caused outages.	Complete	Jun-05	
			Engineering Circuit Coordination Review	Complete	Feb-06	
			Install main line tap fuses	Complete	Mar-06	
			Install reclosers	To Be Completed Q4 2006		
			Review tree conditions	Complete	Mar-06	
25	Utica Junction	00318-51	<i>Performance was driven by minor storm damage, failed cutouts, lightning and non-preventable tree caused damage.</i>			
			Repaired minor storm damage, failed cutouts, lightning and non-preventable tree caused damage.	Complete	Jun-05	
			Replace deteriorated poles, cutouts & arresters	Complete	Dec-05	
			Engineering Circuit Coordination Review	Complete	Dec-05	
			Install main line tap fuses	Complete	Dec-05	
			Install reclosers	Complete	Dec-05	
			Review tree conditions.	Complete	Jan-06	
26	Page Road	00445-43	<i>Performance was driven by non-preventable tree caused damage & minor storms.</i>			
			Repaired non-preventable tree caused damage & minor storms.	Complete	Sep-05	
			Engineering Circuit Coordination Review	Complete	Feb-06	
			Install main line tap fuses	To Be Completed Q3 2006		
			Install reclosers	To Be Completed Q3 2006		
Review tree conditions.	Complete	Mar-06				
27	Tionesta Sw St	00498-51	<i>Performance was driven by minor storm damage, failed conductor and cutouts and non-preventable tree caused damage.</i>			
			Repaired minor storm damage, failed conductor and cutouts and non-preventable tree caused damage.	Complete	Jul-05	
			Engineering Circuit Coordination Review	Complete	Feb-06	
			Install main line tap fuses	To Be Completed Q4 2006		
			Install reclosers	To Be Completed Q4 2006		
Review Tree Conditions	To Be Completed Q2 2006					

Penelco- Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	
28	Church	00427-34	<i>Performance was driven by minor storm and non-preventable tree caused damage.</i>			
			Repaired minor storm and non-preventable tree caused damage.	Complete	Aug-05	
			Engineering Circuit Coordination Review	Complete	Jan-06	
			Replace failed substation recloser	Complete	Mar-06	
			Install main line tap fuses	To Be Completed Q4 2006		
			Review tree conditions	Complete	Mar-06	
29	Russell Hill	00282-65	<i>Performance was driven by minor storm and non-preventable tree caused damage.</i>			
			Repaired minor storm and non-preventable tree caused damage.	Complete	Jul-05	
			Engineering Circuit Coordination Review	Complete	Dec-05	
			Install main line tap fuses	Complete	Dec-05	
			Install reclosers	Complete	Dec-05	
Review tree conditions	To Be Completed Q2 2006					
30	Dubois	00137-23	<i>Performance was driven by non-preventable tree caused damage, cutout and arrester failure and lightning.</i>			
			Repaired non-preventable tree caused damage, cutout and arrester failure and lightning.	Complete	Mar-06	
			Engineering Circuit Coordination Review	To Be Completed Q2 2006		
			Install main line tap fuses	To Be Completed Q3 2006		
			Install recloser	Complete	Jan-06	
31	North Warren	00207-41	<i>Performance was driven by minor storm damage, failed cutouts and non-preventable tree caused damage.</i>			
			Repaired minor storm damage, failed cutouts and non-preventable tree caused damage.	Complete	Nov-05	
			Engineering Circuit Coordination Review	Complete	Mar-06	
			Install main line tap fuses	To Be Completed Q4 2006		
			Install reclosers	To Be Completed Q4 2006		
Review Tree Conditions	To Be Completed Q2 2006					
32	Erie East	00234-31	<i>Performance was driven by minor storm and non-preventable tree caused damage.</i>			
			Repaired minor storm and non-preventable tree caused damage.	Complete	Jul-05	
			Engineering Circuit Coordination Review	Complete	Mar-06	
			Install reclosers	To Be Completed Q2 2006		
			Install main line tap fuses	To Be Completed Q4 2006		
Review tree conditions	To Be Completed Q3 2006					

Penelec- Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed	
33	Mercer Pike	00474-52	<i>Performance was driven by minor storm caused damage</i>			
			Repaired minor storm caused damage	Complete	Jul-05	
			Engineering Circuit Coordination Review	Complete	Sep-05	
			Install reclosers	Complete	Oct-05	
			Install main line tap fuses	Complete	Oct-05	
			Replace deteriorated poles	Complete	Oct-05	
			Review tree conditions	To Be Completed Q3 2006		
34	Lawrenceville	00632-63	<i>Performance was driven by tornado and minor storm damage and failed insulators.</i>			
			Repaired tornado and minor storm damage and failed insulators.	Complete	Jun-05	
			Engineering Circuit Coordination Review	Complete	Feb-06	
35	Madera	00167-22	<i>Performance was driven by failed conductor and insulators and non-preventable tree caused damage.</i>			
			Repaired failed conductor and insulators and non-preventable tree caused damage.	Complete	Mar-06	
			Install Radio Controlled Switch	Complete	Nov-05	
			Engineering Circuit Coordination Review	To Be Completed Q2 2006		
			Install reclosers	Complete	Mar-06	
36	Waverly	00164-66	<i>Performance was driven by non-preventable trees caused damage and a failed switch.</i>			
			Repaired non-preventable trees caused damage and a failed switch.	Complete	Sep-05	
			Engineering Circuit Coordination Review	To Be Completed Q4 2006		
			Install reclosers	To Be Completed Q4 2006		
37	Madera	00147-22	<i>Performance was driven by a failed insulator and non-preventable tree caused damage.</i>			
			Repaired failed insulator and non-preventable tree caused damage.	Complete	Mar-06	
			Engineering Circuit Coordination Review	To Be Completed Q2 2006		
			Install reclosers	To Be Completed Q4 2006		
			Install main line tap fuses	To Be Completed Q4 2006		
38	Morgan Street	00240-52	<i>Performance was driven by non-preventable tree caused damage.</i>			
			Repaired non-preventable tree caused damage.	Complete	Mar-05	
			Engineering Circuit Coordination Review	Complete	Mar-06	
			Install reclosers	To Be Completed Q2 2006		
			Install main line tap fuses	To Be Completed Q4 2006		

Penelec- Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
39	Columbia Crossroads	00763-63	<i>Performance was driven by blown fuses, vehicle caused damage and failed insulators.</i>		
			Repaired blown fuses, vehicle caused damage and failed insulators.	Complete	Oct-05
			Circuit Patrol	Complete	Nov-05
			Install reclosers	Complete	Dec-05
			Engineering Circuit Coordination Review	To Be Complete Q3 2006	
40	Central Erie	00232-31	<i>Performance was driven by loss of supply.</i>		
41	Fairview Erie	00422-34	<i>Performance was driven by a loss of supply event and minor storm damage</i>		
			Restored loss of supply event and repaired minor storm damage	Complete	Jul-05
			Engineering Circuit Coordination Review	Complete	Mar-06
			Install reclosers	To Be Completed Q4 2006	
			Install main line tap fuses	To Be Completed Q4 2006	
42	Fairview East	00216-34	<i>Performance was driven by minor storm, deteriorated pole and non-preventable tree caused damage.</i>		
			Repaired minor storm, deteriorated pole and non-preventable tree caused damage.	Complete	Aug-05
			Engineering Circuit Coordination Review	To Be Completed Q4 2006	
			Install reclosers	To Be Completed Q4 2006	
			Install main line tap fuses	To Be Completed Q4 2006	
43	Hooversville	00019-12	<i>Performance was driven by failed conductor and animal contacts.</i>		
			Repaired failed conductor and animal contacts.	Complete	Jun-05
			Replace deteriorated poles and insulators	Complete	Dec-05
			Install reclosers	Complete	Dec-05
			Engineering Circuit Coordination Review	Complete	Mar-06
44	Edgewood	00089-13	<i>Performance was driven by failed cutouts and crossarms and non-preventable tree caused damage.</i>		
			Repaired failed cutouts and crossarms and non-preventable tree caused damage.	Complete	Nov-05
			Review Tree Conditions	Complete	Mar-06
			Engineering Circuit Coordination Review	To Be Completed Q2 2006	
			Install reclosers	To Be Completed Q4 2006	
45	Franklin	00307-51	<i>Performance was driven by failed conductor and cutouts and non-preventable tree caused damage.</i>		
			Repaired failed conductor and cutouts and non-preventable tree caused damage.	Complete	Jul-05
			Engineering Circuit Coordination Review	Complete	Jan-06
			Install main line tap fuses	To Be Completed Q3 2006	
			Install reclosers	To Be Completed Q3 2006	
			Review Tree Conditions	Complete	Mar-06

Penelec- Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
46	Lake Como	00787-65	<i>Performance was driven by non-preventable tree caused damage and a loss of supply event.</i>		
			Repaired non-preventable tree caused damage and a loss of supply event.	Complete	Jul-05
			Engineering Circuit Coordination Review	Complete	Mar-06
			Install reclosers	Complete	Mar-06
47	Rachel Hill	00049-11	<i>Performance was driven by non-preventable tree caused damage and tree caused damage resulting from a logger.</i>		
			Repaired non-preventable tree caused damage and tree caused damage resulting from a logger.	Complete	Oct-05
			Install reclosers	Complete	Jan-06
			Engineering Circuit Coordination Review	Complete	Mar-06
			Install main line tap fuses	To Be Completed Q4 2006	
48	East Hickory	00201-41	<i>Performance was driven by failed cutouts and non-preventable tree caused damage.</i>		
			Repaired failed cutouts and non-preventable tree caused damage.	Complete	Jun-05
			Engineering Circuit Coordination Review	Complete	Dec-05
			Install main line tap fuses	Complete	Dec-05
			Install reclosers	To Be Completed Q2 2006	
			Review Tree Conditions	Complete	Mar-06
49	Fairview East	00218-34	<i>Performance was driven by minor storm damage</i>		
			Repaired minor storm damage	Complete	Jul-05
			Engineering Circuit Coordination Review	Complete	Mar-06
			Install reclosers	To Be Completed Q4 2006	
			Install main line tap fuses	To Be Completed Q4 2006	
50	Emlenton	00322-51	<i>Performance was driven by failed transformers and non-preventable tree caused damage.</i>		
			Repaired failed transformers and non-preventable tree caused damage.	Complete	Nov-05
			Engineering Circuit Coordination Review	To Be Completed Q2 2006	
			Install main line tap fuses	To Be Completed Q4 2006	
			Review Tree Conditions	Complete	Mar-06
51	Church	00426-34	<i>Performance was driven by minor storm damage, failed cutouts and crossarms and non-preventable tree caused damage.</i>		
			Repaired minor storm damage, failed cutouts and crossarms and non-preventable tree caused damage.	Complete	Nov-05
			Engineering Circuit Coordination Review	To Be Completed Q4 2006	
			Install reclosers	To Be Completed Q4 2006	
			Install main line tap fuses	To Be Completed Q4 2006	
52	Lewis Run	00409-42	<i>Performance was driven by failed cutouts and non-preventable tree caused damage.</i>		
			Repaired failed cutouts and non-preventable tree caused damage.	Complete	Jun-05
			Engineering Circuit Coordination Review	Complete	Feb-06
			Install reclosers	To Be Completed Q4 2006	
			Install main line tap fuses	To Be Completed Q4 2006	

Penelec-- Remedial Action for 5% Worst Performing Circuits:

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
53	Rolling Meadows	00249-31	<i>Performance was driven by minor storm damage.</i>		
			Repaired minor storm damage.	Complete	Jul-05
			Engineering Circuit Coordination Review	Complete	Mar-06
			Install main line tap fuses	To Be Completed Q4 2006	
54	Northeast	00592-31	<i>Performance was driven by minor storm and non-preventable tree caused damage.</i>		
			Repaired minor storm and non-preventable tree caused damage.	Complete	Sep-05
			Engineering Circuit Coordination Review	Complete	Mar-06
			Install reclosers	To Be Completed Q4 2006	
			Install main line tap fuses	To Be Completed Q4 2006	
		Review Tree Conditions	To Be Completed Q3 2006		
55	Division Street	00561-31	<i>Performance was driven by failed UG cable.</i>		
			Repaired failed UG cable.	Complete	Sep-05
			Engineering Circuit Coordination Review	Complete	Mar-06
			Install reclosers	To Be Completed Q4 2006	
		Install main line tap fuses	To Be Completed Q4 2006		
56	Kearsarge	00527-31	<i>Performance was driven by blown fuses, failed conductor and animal contacts.</i>		
			Repaired blown fuses, failed conductor and animal contacts.	Complete	Nov-05
			Install reclosers	Complete	Mar-06
			Engineering Circuit Coordination Review	To Be Completed Q3 2006	
		Install main line tap fuses	To Be Completed Q4 2006		
57	Lowell Avenue	00518-31	<i>Performance was driven by minor storm damage.</i>		
			Repaired minor storm damage.	Complete	Mar-05
			Engineering Circuit Coordination Review	Complete	Mar-06
			Install reclosers	To Be Completed Q4 2006	
		Install main line tap fuses	To Be Completed Q4 2006		
58	Glen Fern	00512-51	<i>Performance was driven by failed conductor and cutouts.</i>		
			Repaired failed conductor and cutouts.	Complete	Jun-05
			Engineering Circuit Coordination Review	Complete	Dec-05
			Install main line tap fuses	To Be Completed Q3 2006	
		Install reclosers	To Be Completed Q2 2006		
59	East Pike	00096-13	<i>Performance was driven by minor storm damage</i>		
			Repaired minor storm damage	Complete	Oct-05
			Engineering Circuit Coordination Review	Complete	Mar-06
			Install main line tap fuses	To Be Completed Q4 2006	
			Install reclosers	To Be Completed Q4 2006	
		Install Radio Controlled Switch	To Be Completed Q4 2006		

Met-Ed – Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Work Completed
1	Bath	00873-3	Install recloser	Completed	Mar-06
			Full circuit tree trimming	Complete by 4th qtr 2006	
			Install 2 fused bypass structures	Complete by 3rd qtr 2006	
			Replace deteriorating crossarms	Complete by 3rd qtr 2006	
			Install additional fusing	Completed	Nov-05
2	Fox Hill	00816-3	Converted 3 areas from 4.8 to 19.9 kV.	Completed	Dec-05
			Extended 3 phase	Completed	Sep-05
			Convert 2 areas from 4.8 to 19.9	25% - Completed by 1st qtr 2007	
			Comprehensive Tree Trimming	Completed	Jan-05
			Installed Recloser	Completed	Nov-05
			Added additional fusing	Completed	Sep-05
3	Shawnee	00895-3	Install Recloser	Completed	Nov-05
			Extended 3 phase	Completed	Dec-05
			Comprehensive Tree Trimming	Completed	Dec-04
			Added additional fusing	Completed	Apr-06
4	Birchwood	00622-3	Install single phase recloser	Completed	Mar-05
			Comprehensive Tree Trimming	Complete by 4th qtr 2007	
			Move customer to new substation	Completed	Sep-05
			Install larger single phase recloser	Completed	Mar-06
			Installed additional fusing	Completed	Feb-06
5	Shawnee	00899-3	Comprehensive Tree Trimming	Completed	Jan-05
			Installed additional fusing	Completed	Nov-05
			Move customer to new substation	Completed	Sep-05
6	Hill	00737-4	Perform PM Circuit Patrol	To be completed 3rd qtr 2006	
			Repair equipment identified in circuit patrol.	Completed	May-05
			Primary Wire Repairs	Completed	Mar-05
			Install 9 additional URD ties	To be completed 2nd qtr 2007	
			Install OH fault indicators at 6 locations	Completed	Mar-06
			Install URD fault indicators	To be completed 1st qtr 2007	
7	Birchwood	00623-3	Install 3 phase recloser	In Construction. Complete by 4th qtr 2006	
			Comprehensive Tree Trimming	Complete by 4th qtr 2006	
			Installed additional fusing	Completed	Feb-06

Met-Ed – Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Work Completed	
8	Windsor	00795-4	<i>Root Cause - numerous outages with long durations caused by lightning during a severe storm on June 6th, 2005</i>			
			Repair equipment identified in main line patrol.	To be completed 2nd qtr 2006		
			Perform Main line patrol from recloser	Completed	Mar-05	
			Install OH fault indicators at 4 locations	Completed	Apr-05	
			Repair equipment identified in circuit patrol.	Completed	Jun-05	
9	W Boyertown	00715-1	Comprehensive Tree Trimming	Completed	Mar-05	
			Install Additional Animal Guards	Completed	Apr-05	
			Install Additional Tap Fuses	Completed	Jun-05	
			Underground Cable Replacement in Brookview Development	Completed	Feb-06	
			Install Lightning Protection at Substation	Completed	Feb-06	
			Install Additional Tap Fuses	Completed	Mar-06	
			Detailed Circuit Patrol	Completed	Mar-06	
			Install Main Line Recloser	Completed	Apr-06	
			Upgrade Substation Lightning Protection	To be completed 2nd qtr 2006		
			Install Mainline Lightning Protection	To be completed 2nd qtr 2006		
			Install Mainline Disconnects	To be completed 2nd qtr 2006		
			10	Newberry	00576-4	Transfer portion of 576 line to 721 line
Perform Main line patrol	To be completed 2nd qtr 2006					
Install URD fault indicators	To be completed 2nd qtr 2006					
11	E Tipton	00724-1	Install Additional Tap Fuses	Completed	Mar-05 & Nov-05	
			Detailed Circuit Patrol	Completed	Sep-05	
			Install Animal Guard	Completed	Dec-05	
			Replace Lightning Arresters	Completed	Jun-05	
			Install Disconnect Switches	Completed	Mar-06	
			Install Fault Indicators	Completed	Mar-06	
			Install Additional Tap Fuses	To be completed 3rd qtr 2006		
			Replace Crossarms	To be completed 3rd qtr 2006		
			Replace Additional Lightning Arresters	To be completed 3rd qtr 2006		
			Reconfigure Circuit/minimize exposure	To be completed 4th qtr 2007		

Met-Ed – Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Work Completed		
12	Shawnee	00837-3	Comprehensive Tree Trimming	Completed	May-04		
			Install fusing at various locations.	Completed	Jul-05		
			Replace trip coil in breaker.	Completed	Aug-05		
			Resagged conductors	Completed	Nov-05		
13	Shawnee	00860-3	Install fusing various locations.	Completed	Mar-05		
			Install radio controlled switch.	Completed	May-05		
			Comprehensive tree trimming	Completed	Dec-05		
			Converted 4.8 to 19.9 kV.	Completed	Dec-05		
			Aluminum bell insulators to be replaced on main line.	Completed	Nov-05		
14	North Bangor	00826-3	Installed additional fusing	Completed	Nov-05		
			Comprehensive Tree Trimming	Complete by 4th qtr 2006			
			Install 3 phase recloser	In Design. Complete by 4th qtr 2006			
15	Bernville	00786-1	Repair Primary Conductor	Completed	May-05		
			Replace Crossarms	Completed	May-05		
			Install Additional Tap Fuses	Completed	Jun-05		
			Comprehensive Tree Trimming	Completed	Oct-05		
			Install Animal Guard	To be completed 2nd qtr 2006			
			Install Disconnect Switches	To be completed 3rd qtr 2006			
			Install Fault Indicators	To be completed 3rd qtr 2006			
			Install Fuse/Bypass Switch	To be completed 3rd qtr 2006			
16	S Hamburg	00745-1	Relocate off-road line section	To be completed 4th qtr 2006			
			Install Animal Guards	Completed	Feb-05		
			Install Additional Tap Fuses	Completed	Apr-05		
			Guy Wire Repairs	Completed	Jan-06		
			Replace Insulator	Completed	Jan-06		
			Replace Fuse holder	Completed	Jan-06		
			Install Additional Tap Fuses	To be completed 2nd qtr 2006			
			Install Mainline Lightning Protection	To be completed 2nd qtr 2006			
17	Mountain	00740-4	Replace Spacer Cable w/ Open Wire	To be completed 4th qtr 2006			
			<i>Root Cause - Performance driven by car/pole accident, a broken crossarm and two lightning caused outages.</i>				
			Trimming accelerated one year	To be completed end of 4th qtr 2006			
18	Dillsburg	00748-4	Line maintenance patrol	To be completed end of 3rd qtr 2006			
			<i>Root Cause - Performance driven by trees and lightning caused outages.</i>				
			Trimming accelerated one year	90% Complete			
			Install fuses with bypass disconnects	To be completed 3rd qtr 2006			

Met-Ed – Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Work Completed
19	Windsor	00797-4	Repair equipment identified in circuit patrol.	Completed	Oct-05
			Install Additional Tap Fusing	To be completed 2nd qtr 2006	
			Crossarm Replacements	To be completed 2nd qtr 2006	
			Forestry patrol	To be completed 2nd qtr 2006	
20	Ringing Rocks	00708-1	Comprehensive Tree Trimming	Completed	Mar-05
			Install Additional Tap Fuses	Completed	Aug-06
			Install Animal Guards	Completed	Mar-06
			Install Additional Tap Fuses	Completed	Mar-06
			Install Fault Indicators	Completed	Mar-06
			Replace Recloser	Completed	Mar-06
21	Mountain	00744-4	<i>Root Cause - Performance driven by trees caused outages.</i>		
			Trimming accelerated one year	To be completed end of 4th qtr 2006	
			Line maintenance patrol	To be completed by end of 3rd qtr 2006	
			Install Recloser in 2007	To be completed end of 4th qtr 2007	
22	E Topton	00733-1	Install Animal Guards	Complete	Feb-05
			Install Additional Tap Fuses	Complete	Nov-05
			Reduce Circuit Length	Complete	Feb-06
			Underground Cable Replacement along Old Company Rd.	Complete	Mar-06
			Install Animal Guards	To be completed 3rd qtr 2006	
			Install Additional Tap Fuses	To be completed 3rd qtr 2006	
			Install Fault Indicators	To be completed 3rd qtr 2006	
23	Yoe	00560-4	Repair equipment identified in circuit patrol.	Completed	Oct-05
			Install 9 additional URD ties	To be completed 2nd qtr 2007	
			Install Additional Tap Fusing	Completed	Jan-06
			Line exposure to be reduced by addition of new Springwood Road Sub circuit (680-4)	To be completed 3rd qtr 2006	

Mct-Ed – Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Work Completed
24	Barto	00706-1	Guy Wire Repairs	Completed	Feb-05
			Replace Crossarms	Completed	Feb-05
			Detailed Circuit Patrol	Completed	Mar-05
			Install Additional Tap Fuses	Completed	Mar-05
			Replace Insulators	Completed	Mar-05
			Replace Arresters	Completed	Mar-05
			Replace Crossarm Braces	Completed	Mar-05
			Transfer Primary Line Facilities	Completed	Apr-05
			Replace Crossarms	Completed	Jun-05
			Replace Insulator	Completed	Jun-05
			Repair Spacer Cable	Completed	Jun-05
			Replace Poles	Completed	Jun-05 & Jan-06
			Replace Group Operated Switch	Completed	Jan-06
			Install Animal Guards & Additional Fusing	To be completed 2nd qtr 2006	
			Inspect/Upgrade Substation Lightning Protection	To be completed 2nd qtr 2006	
25	Gardners	00760-4	<i>Root Cause - Performance driven by tree and wire down caused outages and a car pole accident</i>		
			Install fault indicators at three locations	To be completed by end of 3rd qtr 2006	
			install a recloser in 2006	To be completed end of 4th qtr 2006	
			Relocate a recloser to improve sectionalizing and install fuses with bypass disconnects in 2007	To be completed end of 4th qtr 2007	
26	Lickdale	00625-2	Detailed Circuit Patrol	Completed	Mar-05
			Install Additional Animal Guards	Completed	May-05
			Install Main Line Recloser	Completed	Nov-05
			Comprehensive Tree Trimming	Completed	Apr-06
			Install Additional Tap Fuses	To be completed 2nd qtr 2006	
			Lightning Arrester Replacements	To be completed 3rd qtr 2006	
			Guy Wire Repairs	To be completed 3rd qtr 2006	
			Pole Repairs/Replacements	To be completed 3rd qtr 2006	
			Install Disconnect Switches	To be completed 3rd qtr 2006	
27	Mc Knights Gap	00774-1	Comprehensive Tree Trimming	Completed	Mar-05
			Fuse Upgrade	Completed	Sep-05
			Install Fuse/Bypass Switch	Completed	Nov-05
			Circuit Reconfiguration	Completed	Feb-06
			Replace Crossarms	To be completed 2nd qtr 2006	
			Install Disconnect Switches	To be completed 3rd qtr 2006	
			Detailed Circuit Patrol	To be completed 3rd qtr 2006	
			Install Fault Indicators	To be completed 3rd qtr 2006	

Met-Ed – Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Work Completed
28	Birdsboro	00756-1	Install Disconnect Switches	Completed	Mar-05
			Install Fault Indicators	Completed	Mar-05
			Replace Crossarms	Completed	Mar-05
			Guy Wire Repairs	Completed	Mar-05
			Replace Lightning Arresters	Completed	Mar-05
			Replace Crossarm Brace	Completed	Mar-05
			Install/Upgrade Fusing	Completed	Jan-06
			Pole Replacements	Completed	Jan-06
			Install Animal Guards	Completed	Mar-06
			Replace Group Operated Switch	Completed	Dec-05
			Comprehensive Tree Trimming	To be completed 2nd qtr 2006	
			Install Additional Tap Fuses	To be completed 3rd qtr 2006	
			Install Fuse/Bypass Switch	To be completed 3rd qtr 2006	
29	Taxville	00575-4	Primary Wire Repairs	Completed	Jun-05
			Repair equipment identified in circuit patrol.	To be completed 4th qtr 2006	
30	Shawnee	00833-3	Install 3 phase recloser	In Construction. Complete by 4th qtr 2006	
			Comprehensive Tree Trimming	Completed	Jan-05
			Installed additional fusing	Completed	Apr-05
31	Flying Hills	00776-1	Comprehensive Tree Trimming	Completed	Feb-05
			Underground Cable Replacement in Flying Hills Development	Completed	Mar-05
			Additional Underground Cable Replacement in Flying Hills Development	Completed	Aug-05
			Fuse Upgrade	Completed	May-05
			Install Fuse/Bypass Switch	Completed	May-05
			Install Animal Guards	Completed	Sep-05
			Install Fault Indicators	Completed	Sep-05
			Detailed Circuit Patrol	Completed	Sep-05
			Fuse Upgrades	To be completed 2nd qtr 2006	
			Replace Lightning Arrester	To be completed 2nd qtr 2006	
Additional Underground Cable Replacement in Flying Hills Development	To be completed 3rd qtr 2006				
32	S Nazareth	00809-3	Aluminum bell insulators replacement	Complete by 4th qtr 2006	
			Install additional fusing	Completed	Feb-06
			Install additional fusing	Complete by 4th qtr 2006	
			Install 2 fused bypass structures	Complete by 3rd qtr 2006	

Met-Ed – Remedial Action for 5% Worst Performing Circuits

Rank	Substation	Circuit	Remedial Action Planned or Taken	Status of Remedial Work	Date Work Completed
33	Northwood	00808-3	Replace 3 poles	Complete by 3rd qtr 2006	
			Install fusing at various locations	Complete by 3rd qtr 2006	
			Installed 3 Phase Recloser	Complete by 3rd qtr 2006	
			Comprehensive tree trimming	Complete by 4th qtr 2006	
			Install fault indicators	Completed	Mar-06
			Install main line lightning protection	Complete by 2nd qtr 2006	
34	Allen	00503-4	<i>Root Cause - Performance driven by URD cable failures at Whiterock Acres and a failed hydraulic recloser</i>		
			Replaced URD cables in Whiterock Acres	80% Complete	
			Replace Failed Recloser	Completed	
			Install a recloser	To be completed by end of 3rd qtr 2006	
			Line maintenance patrol	Completed	Oct-06
35	Orrtanna	00764-4	<i>Root Cause - Performance driven by two car pole accidents and tree caused outages.</i>		
			Forestry patrol for spot trimming	To be completed by end of 2nd qtr 2006	
36	Birchwood	00624-3	Comprehensive Tree Trimming	Complete by 4th qtr 2006	
			Installed additional fusing	Completed	Feb-06

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

Proposed Evaluations and Solutions

Equipment Failures

A more in-depth review of outages coded as "Equipment Failures" allows for the Companies to identify specific types of equipment that may be a primary cause of outages and leads to targeted corrective action plans.

Penn Power's review has pointed to an increase in the number of outages from arrestors and cutouts. Further analysis has identified an older gap-style and expulsion style arrestor that are being replaced. Additionally, the use of porcelain cutouts has been discontinued for new installations, and older porcelain cutouts are being replaced with new polymer cutouts when they fail.

Penelec has also identified cutout failures to be the largest contributor. Consequently, Penelec is concentrating on replacing cutouts through a lockout prevention initiative.

Unknown Outages

At Penn Power, the engineering department reviews the circuits that have experienced multiple "Unknown" outages to determine if a single device may be causing the outages.

At Penelec, a high percentage of the outages with unknown outage causes required the replacement of melted fuses. The implementation of coordination and protection reviews will reduce the number of these types of outages.

Met-Ed's engineering department reviews the circuits using the SAIDI circuit evaluation process and all outage cause codes are investigated at that time.

Trees Non-Preventable

At Penn Power and Penelec, the forestry department reviews these 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 removed to avoid future outages. In addition, line and forestry department personnel in all of the Companies patrol for danger trees as a part of their daily work routine.

Animal

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

Outages by Cause

IQ 2006	<i>Penn Power</i>			
<i>Cause</i>	Customer Minutes	Number of Outages	Customers Affected	% by Cause Based on Number of Outages
Animal	552,069	210	5,944	5.9%
Bird	249,064	127	2,836	3.6%
Contamination	258	2	2	0.1%
Customer Equipment	28,860	16	142	0.5%
Equipment Failure	5,617,977	452	44,043	12.8%
Fire	269,706	6	1,491	0.2%
Forced Outage	347,912	45	4,206	1.3%
Human Error - Company	14,708	14	456	0.4%
Human Error - Non-Company	611,861	46	8,925	1.3%
Ice	394,797	26	692	0.7%
Lightning	2,114,806	340	19,532	9.6%
Line Failure	7,644,976	409	55,550	11.6%
Object Contact with Line	352,448	12	3,331	0.3%
Other Electric Utility	272	1	4	0.0%
Other Utility - Non-Electric	0	0	0	0.0%
Overload	852,676	225	6,530	6.4%
Previous Lightning	222,096	53	2,957	1.5%
Switching Error	0	0	0	0.0%
Trees / Not Preventable	11,276,441	550	47,953	15.6%
Trees / Preventable	96,987	20	498	0.6%
UG Dig-up	12,698	14	88	0.4%
Unknown	5,078,355	864	40,411	24.5%
Vandalism	1,063	4	26	0.1%
Vehicle	2,424,251	88	18,763	2.5%
Wind	131,803	7	361	0.2%
Total	38,296,306	3,531	258,739	100%

IQ 2006	<i>Penelec</i>			
<i>Cause</i>	Customer Minutes	Number of Outages	Customers Affected	% by Cause Based on Number of Outages
Animal	1,496,694	821	19,488	6.5%
Bird	654,423	185	9,019	1.5%
Contamination	170,985	78	1,525	0.6%
Customer Equipment	2,530,061	68	5,687	0.5%
Equipment Failure	30,473,631	3,460	286,055	27.5%
Fire	1,447,693	43	4,887	0.3%
Forced Outage	611,638	130	20,441	1.0%
Human Error - Company	105,324	17	4,492	0.1%
Human Error - Non-Company	1,089,694	112	9,803	0.9%
Ice	639,583	36	6,094	0.3%
Lightning	18,047,842	1,179	85,352	9.4%
Line Failure	17,370,277	981	185,782	7.8%
Object Contact with Line	461,837	35	2,639	0.3%
Other Electric Utility	299,995	61	4,229	0.5%
Other Utility - Non-Electric	48,016	10	1,781	0.1%
Overload	2,413,649	338	23,234	2.7%
Previous Lightning	353,315	97	3,791	0.8%
Switching Error	61,636	9	3,890	0.1%
Trees / Not Preventable	52,164,382	2,023	242,545	16.1%
Trees / Preventable	1,033,247	108	4,630	0.9%
UG Dig-up	216,908	62	1,565	0.5%
Unknown	15,245,893	2,210	132,587	17.6%
Vandalism	9,164	3	92	0.0%
Vehicle	5,590,016	350	39,989	2.8%
Wind	5,926,117	174	21,206	1.4%
Total	158,651,904	12,590	1,123,013	100.0%

IQ 2006	<i>Met-Ed</i>			
<i>Cause</i>	Customer Minutes	Number of Outages	Customers Affected	% by Cause Based on Number of Outages
Animal	4,844,221	1,252	43,721	14.2%
Bird	323,658	56	3,726	0.6%
Contamination	85,496	22	480	0.2%
Customer Equipment	210,720	31	7,290	0.4%
Equipment Failure	25,298,090	2,007	241,843	22.8%
Fire	918,651	26	5,215	0.3%
Forced Outage	1,804,503	62	28,666	0.7%
Human Error - Company	657,622	41	18,481	0.5%
Human Error - Non-Company	757,324	95	9,317	1.1%
Ice	196,647	6	1,881	0.1%
Lightning	19,282,435	1,229	133,636	14.0%
Line Failure	7,591,039	504	52,206	5.7%
Object Contact with Line	307,948	18	3,447	0.2%
Other Electric Utility	850	2	5	0.0%
Other Utility - Non-Electric	345,393	7	1,382	0.1%
Overload	2,784,879	274	30,661	3.1%
Previous Lightning	383,843	56	4,282	0.6%
Switching Error	0	0	0	0.0%
Trees / Not Preventable	15,142,812	869	80,602	9.9%
Trees / Preventable	2,349,137	365	15,743	4.1%
UG Dig-up	424,912	65	2,506	0.7%
Unknown	7,621,496	1,440	99,332	16.4%
Vandalism	3,512,402	29	22,612	0.3%
Vehicle	10,533,668	325	68,134	3.7%
Wind	287,843	20	1,201	0.2%
Total	105,959,569	8,801	886,349	100.0%

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 (First Quarter 2006)		Penn Power			Penelec			Met-Ed			
		Planned	Completed		Planned	Completed		Planned	Completed		
		Annual	1Q	YTD	Annual	1Q	YTD	Annual	1Q	YTD	
Forestry	Transmission (Miles)	30	51	51	247	111	111	115	11	11	
	Distribution (Miles)	800	103	103	4,397	1,028	1,028	1,248	654	654	
Transmission	Aerial Patrols (2/year)	2	0	0	2	0	0	2	0	0	
	Groundline Inspections ^(a)	536	0	0	3,356	0	0	618	0	0	
Substation	General Inspections	1,020	252	252	5,505	1,359	1,359	2,892	696	696	
	Transformers	125	20	20	768	294	294	301	40	40	
	Breakers	126	7	7	586	143	143	189	34	34	
	Relay Schemes	142	55	55	1,452	181	181	747	43	43	
Distribution	Capacitor Inspection	784	231	231	8,147	6,617	6,617	4,024	4,024	4,024	
	Pole Inspections	12,820	-	-	59,798	20,456	20,456	30,150	17,649	17,649	
			Planned	Completed	Planned	Completed	Planned	Completed			
	Recloser Inspection (inspected quarterly)	1 st quarter	606	606		1,464		1,464		911	911
		2 nd quarter									
		3 rd quarter									
		4 th quarter									
Radio-Controlled Switches (inspected twice per year)	1st half 2006	Penn Power has no radio controlled switches			832		407		16	16	
	2nd half 2006										

(a) Transmission groundline inspections: Penn Power includes 138 and 69 kV; Penelec includes 345, 230, 138, and 115 kV; Met-Ed includes 230, 115 and 69 kV.

General Notes:

Unless specified otherwise, all inspections are reported on a unit basis rather than on a location basis as was done in previous reporting periods prior to the Second Quarter 2005 Reliability Report.

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 Operation & Maintenance Expenditures

T&D O&M (1st Quarter and YTD March 2006)						
Company	PJC Category	1st Quarter Actuals	1st Quarter Budget	YTD Actuals	YTD Budget	Total Year Budget
Penn Power	Corrective Maintenance	232,102	273,392	232,102	273,392	1,048,965
	Preventive Maintenance	164,960	149,049	164,960	149,049	560,517
	Storms	81,171	126,747	81,171	126,747	633,134
	Vegetation Management	501,185	682,474	501,185	682,474	2,753,606
	Misc	986,841	635,965	986,841	635,965	2,453,730
	Operations	761,408	517,072	761,408	517,072	2,208,569
Penn Power Total		2,727,667	2,384,699	2,727,667	2,384,699	9,658,521
Penelec	Corrective Maintenance	1,639,186	1,292,592	1,639,186	1,292,592	5,170,367
	Preventive Maintenance	1,581,636	808,594	1,581,636	808,594	3,306,214
	Storms	669,556	1,068,342	669,556	1,068,342	4,516,002
	Vegetation Management	2,536,910	2,550,496	2,536,910	2,550,496	11,195,746
	Misc	2,239,571	3,603,308	2,239,571	3,603,308	14,884,096
	Operations	5,452,106	4,656,747	5,452,106	4,656,747	18,847,810
Penelec Total		14,118,965	13,980,079	14,118,965	13,980,079	57,920,235
Met-Ed	Corrective Maintenance	1,335,657	2,558,379	1,335,657	2,558,379	10,508,876
	Preventive Maintenance	835,677	921,381	835,677	921,381	3,686,071
	Storms	1,830,081	1,085,574	1,830,081	1,085,574	4,382,530
	Vegetation Management	2,861,370	2,375,916	2,861,370	2,375,916	9,503,663
	Misc	2,372,105	993,265	2,372,105	993,265	4,064,797
	Operations	3,958,385	3,776,528	3,958,385	3,776,528	15,790,933
Met-Ed Total		13,193,275	11,711,043	13,193,275	11,711,043	47,936,870
Grand Total		30,039,907	28,075,821	30,039,907	28,075,821	115,515,626

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., a subsidiary of FirstEnergy Corp.
- See Attachment A for O&M and Capital category definitions.
- O&M data is consistent with preliminary FERC data with the exception of the expenses related to the two Regional Transmission Organizations (RTO) of which the Companies are Transmission Owner members (PJM and MISO).

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 Operation & Maintenance Expenditures

T&D Capital Only Includes CIAC (net) (1st Quarter and YTD March 2006)						
Company	PUC Category	1st Quarter Actuals	1st Quarter Budget	YTD Actuals	YTD Budget	Total Year Budget
Penn Power ^(a)	New Business	1,664,819	1,511,331	1,664,819	1,511,331	6,381,253
	Reliability	1,577,377	1,049,473	1,577,377	1,049,473	4,411,703
	Capacity	797,083	1,644,406	797,083	1,644,406	3,312,822
	Misc	372,521	355,928	372,521	355,928	1,011,970
	Forced	663,405	871,893	663,405	871,893	3,435,830
	Vegetation Management	12,031	42,601	12,031	42,601	179,605
PennPower Total		5,087,236	5,475,632	5,087,236	5,475,632	18,733,183
Penelec ^(b)	New Business	4,529,313	2,014,690	4,529,313	2,014,690	8,601,444
	Reliability	22,665,528	6,328,636	22,665,528	6,328,636	26,309,688
	Capacity	548,761	750,220	548,761	750,220	2,488,931
	Misc	2,211,778	3,498,286	2,211,778	3,498,286	13,117,619
	Forced	4,188,644	7,090,477	4,188,644	7,090,477	30,099,355
	Vegetation Management	239,210	382,434	239,210	382,434	1,594,439
Penelec Total		34,383,234	20,064,743	34,383,234	20,064,743	82,211,476
Met-Ed	New Business	7,301,130	5,516,639	7,301,130	5,516,639	22,720,596
	Reliability	8,437,791	6,527,596	8,437,791	6,527,596	27,232,171
	Capacity	4,848,521	7,628,349	4,848,521	7,628,349	19,349,905
	Misc	1,549,789	1,563,597	1,549,789	1,563,597	5,399,156
	Forced	2,836,035	1,978,778	2,836,035	1,978,778	5,938,553
	Vegetation Management	96,271	79,592	96,271	79,592	331,797
Met-Ed Total		25,069,537	23,294,551	25,069,537	23,294,551	80,972,178
Grand Total		64,540,007	48,834,926	64,540,007	48,834,926	181,916,837

^(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., a subsidiary of FirstEnergy Corp.

^(b) Penelec's higher than budgeted actual costs reflects its focus on completing reliability improvement projects using accelerated reliability improvement funds.

General Notes:

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

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

Staffing Levels

<i>Penn Power</i>				
Staffing Levels - T&D Operations and Maintenance				
<i>Line Department</i>	<i>1Q 2006</i>	<i>2Q 2006</i>	<i>3Q 2006</i>	<i>4Q 2006</i>
Leader / Chief	32			
Lineman	43			
<i>Substation Department</i>				
Technician	6			
Construction & Maintenance (C&M)	14			
Total	95	0	0	0

<i>Penelec</i>				
Staffing Levels - T&D Operations and Maintenance				
<i>Line Department</i>	<i>1Q 2006</i>	<i>2Q 2006</i>	<i>3Q 2006</i>	<i>4Q 2006</i>
Leader / Chief	153			
Lineman	145			
<i>Substation Department</i>				
Technician ^(a)	0			
Construction & Maintenance (C&M)	73			
Total	371	0	0	0

^(a) Penelec's substation technician work is performed by C&M employees and as such, they are included in the C&M total.

<i>Met-Ed</i>				
Staffing Levels - T&D Operations and Maintenance				
<i>Line Department</i>	<i>1Q 2006</i>	<i>2Q 2006</i>	<i>3Q 2006</i>	<i>4Q 2006</i>
Leader / Chief	57			
Lineman	150			
<i>Substation Department</i>				
Technician	16			
Construction & Maintenance (C&M)	47			
Total	270	0	0	0

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-000301061

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-000301061

Call-Out Response

This portion of the report is confidential per docket L-000301061

Settlement Agreement Provisions

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

- Connectivity Rate;
- Local Reliability Meeting Updates, and the
- Step-Down Transformer Study. The Step-Down Transformer Study was submitted with the 2nd quarter 2005 reliability report as required by Provision 26 of the PA Settlement Agreement.

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 continue to maintain a connectivity rate higher than 98%.

Connectivity (%)	<i>Penn Power</i>	<i>Penelec</i>	<i>Met-Ed</i>
2Q 2005	98.3%	99.0%	98.9%
3Q 2005	99.0%	99.0%	99.1%
4Q 2005	99.1%	98.9%	99.3%
1Q 2006	99.0%	99.0%	99.2%

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

The Companies are required under the PA Settlement Agreement (Provision #8 above) to conduct local reliability meetings within their regions. In the 1st quarter 2006, Penn Power conducted 6 local reliability meetings, Penelec conducted 7 and Met-Ed 5.

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

- Attachment B1 includes reports on meetings conducted in the 1st quarter of 2006.
- Attachment B2 includes reports on meetings conducted previous to the 1st quarter of 2006 and for which there are action items that are still outstanding or were completed in this 1st quarter.
- Once all action items have been completed, the meeting report will be archived and no longer attached to this quarterly report.

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

T&D O&M

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

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

Storms – Costs associated with all weather-related conditions.

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

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

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

T&D Capital

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

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

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

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

ATTACHMENT B1

Local Reliability Meeting Reports

Meetings Conducted in the 1st quarter 2006

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group:	RTI International & Penn NW Dev Corp
Location:	Penn Power -Clark Office
Date/Time:	February 3, 2006
Penn Power Circuit:	Y-188 69 Kv Line
Penn Power Attendees:	John Wittmann - Engineering Mark Hohman - Cust Support Tony Zucco - Arca Manager
Public Attendees:	Russ Cleghorn - RTI International Larry Reichard - Penn NW

Background / Issues

RTI is looking to expand their business and possibly into the Hermitage Stateline Industrial Park. RTI was interested in the reliability/history of the area. We informed them of the ARIP work that had been completed on the Y188 line as of July 2005 and that since that time we have had no outages reported on that line. All post insulators on the line were replaced and a full vegetation treatment had been performed on the line this past summer. Mr. Cleghorn was very impressed and it appears that the site will be given consideration for their project plan.

Action Plan

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

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 7:30pm
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		December 2005
Wexford Substation	J. Kaneski, FE Substation Manager	Fall '06	

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group:	Butler County Commissioners
Location:	124 West Diamond Street P.O. Box 1208 Butler, Pa. 16003
Date/Time:	February 14, 2006 at 10am
Penn Power Circuit:	Seneca - 700 & 701
Penn Power Attendees:	Bart L. Spagnola Timothy Sapienza
Public Attendees:	Scott K. Lowe, Chairman & James L. Kennedy

Background / Issues

In January and February of this year Penn Power responded to five outages on Circuit 700, which services Seneca Valley High School and Lower Butler Road. One outage was caused by a truck/pole accident, one by the high school's electrical equipment, two by trees during wind storms and the other one was equipment failure on Penn Power's side. Commissioner Kennedy questioned why we are having outages in this area. I explained each outage and how they affected the school and other commercial businesses in the area. In 2005 Asplundh Tree Service mid-cycled circuit D-700, and D-701 is scheduled for total trimming in 2006. Once we start trimming D-701, D-700 will be reviewed and trimmed where necessary. When the truck/pole accident occurred, the fault went all the way back to the substation causing a lockout. Two days after the outage, a 600-amp switching device and fusing was installed to eliminate any fault upstream from tracing back to the substation and causing a lockout. In 2005 we installed new poles and conductors from the Seneca Substation to Connoqueensing Twp. as part of our distribution upgrades for the year. This circuit has been upgraded and now has the necessary device protection and switching equipment to reduce outage time and improve reliability.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
New poles and conductors in 2005	James Visingardi, Line Manager		August 2005
Protection devices in 2006			February 2006

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group:	City of Sharon
Location:	City Hall - Sharon Pa.
Date/Time:	February 23, 2006 at 9 am
Penn Power Circuit:	Y81
Penn Power Attendees:	Tony Zucco -Mercer County Area Manager Richard Orr - Forestry Dept.
Public Attendees:	Mayor Robert Lucas Secretary Robin Gossen

Background / Issues

Mayor Lucas inquired about our work on the Y81 69 KV circuit in the City of Sharon. I gave the Mayor Lucas a short overview of how we have performed tree clearing on that circuit as well as helicopter inspections over the past year. We have also have done maintenance to improve our reliability. The mayor commented that he has seen a marked improvement and was pleased with our progress to date.

Action Plan

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

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 10:00am
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.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Engineering	John Wittmann, Engineering Supervisor	4Q '06	
Construction work to complete loop	Jim Visingardi, Operations Manager	2Q '07	

Penn Power

Public Meeting Report

Meeting Information

Municipality/Group:	New Castle Mayor, Wayne Alexander - Lawrence County Commissioner Daniel Vogler
Location:	Neshannock Township
Date/Time:	March 17, 2006 at 12:00pm
Penn Power Circuit:	Cedar Street D-362
Penn Power Attendees:	Bart L. Spagnola, Area Manager - Steven Strah, Regional President - James Visingardi, Operations Manager
Public Attendees:	Mayor W. Alexander and Lawrence Co. Commissioner, Dan Vogler

Background / Issues

This meeting was held to introduce OE/Penn Power's new president to local political officials and discuss recent outages. After introductions, several topics were discussed, including the most recent outage that affected part of the New Castle Downtown area and most importantly the Court House and Jail. Penn Power was doing some switching when an arc occurred, causing a 2-minute outage. The switch opened and closed causing a short outage. However, when the power came back on a primary riser burned off one of the phases, causing single phasing in the Court House. Jim Visingardi explained what happened and what was done to repair the problem. He also explained that the other two primary risers were also replaced to upgrade this part of the three-phase line. We discussed transmission and distribution projects scheduled for 2006 and how the upgrades will improve reliability. The meeting went well and both the Mayor and the Commissioner were impressed with Mr. Strah's concern for this area.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Transmission and Distribution upgrades - fault protection installations - fusing and switch upgrades	Jim Visingardi		2006

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Fairview Township
Location:	Fairview Township Municipal Building
Date/Time:	January 26, 2006 at 12pm
Penelec Circuit:	Fairview Sub 12 kV South Ckt & Dutch Road 34.5 kV Ckt
Penelec Attendees:	Daniel Heher
Public Attendees:	Representatives from all Fairview Government Groups (15 people)

Background / Issues

Concerns with reliability in some areas of the Township and sufficient electrical power to the Fairview Industrial Park. Dan gave a Power Point presentation of the new GIS view mapping & tracking system. He explained how the new mapping system will enable Penelec to track problem areas better. We also discussed Penelec's ARIP program and future improvements that are scheduled for Fairview later this year.

Action Plan

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

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Millcreek Township Woodhaven Subdivision Area
Location:	Millcreek Township Municipal Building
Date/Time:	February 20, 2006 at 6pm
Penelec Circuit:	Powell Avenue 12 kV South Circuit
Penelec Attendees:	Dan Heher Penelec Area Mgr, Chuck Tilburg Penelec Operations Mgr, John Forbes Penelec Engineering Supv
Public Attendees:	Fifty three residents of the area attended

Background / Issues

Residents of this area have experienced numerous outages. Most outages are caused by animal contacts, tree conditions or under sized fusing. An engineering study and fuse coordination was completed. Animal guards (new design) will be installed in March of this year. Twelve distribution transformers will be changed out and replaced with larger ones. Tree trimming was completed in January 2006. Seven new sectionalizing devices will be installed. Three new single-phase reclosers will be installed as part of the fuse coordination study recommendations. Some of the customers were upset with the Company at the beginning of the meeting, but by the conclusion they were appreciative and thanked us for meeting with them.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Complete above mentioned work	C Tilburg, J Forbes & D Heher	April 1, 2006	April 19, 2006

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Central Bradford Progress Authority
Location:	Riverstone Inn
Date/Time:	March 16, 2006 5:00 pm
Penelec Circuit:	
Penelec Attendees:	Jody Place, Towanda COC Area Manager
Public Attendees:	Tony Ventello, Paul Kreicher, Brian Driscoll

Background / Issues

Tony Ventello inquired about the efforts Penelec has taken to improve reliability in the Bradford County area, and more specifically, to provide a redundant feed to the Valley Business Park. I gave an overview of the types of projects we have completed on several circuits in Bradford County. We discussed tree trimming practices, the installation of sectionalizing devices, fuse coordination studies and the installation of animal guards. Penelec, at this time, does not plan to provide a redundant feed to the Valley Business Park. Efforts to secure the necessary right-of-way approvals have not been successful.

Action Plan

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

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Penelcc Customers along the Tall Timber Drive area of Richland Township
Location:	Richland Service Center
Date/Time:	March 20, 2006
Penelec Circuit:	00036-11
Penelec Attendees:	Walter Mitchell
Public Attendees:	Five Customers

Background / Issues

Customers living in the Tall Timber Drive area have experienced frequent power interruptions over the past two years due to failure of the underground distribution system. To address the service reliability issues, Penelec is installing new primary underground conduit, conductor and moving the existing underground transformers above ground. This project is scheduled for completion on April 30, 2006.

Murphy Montler, Penelec's Johnstown Area Manager, sent a letter to the customers explaining Penelec's reliability improvement project. In the letter Montler invited the Tall Timber area customers to join Penelec representatives for a meeting to discuss the reliability improvement project. The meeting was held at the Richland Service Center on March 30, 2006, at 6 PM. Five customers attended the meeting. Walt Mitchell, Johnstown Operating Manager, provided an overview of the project. A copy of Montler's letter to the Tall Timber area customers is shown below.



311 Industrial Park RD
Johnstown, PA 15904
Phone:(814) 269-6615
March 20, 2006

RE: Recent Power Outages

Dear Mr. :

Penelec is aware of your concerns regarding frequent electric service interruptions in the Tall Timber Drive area of Richland Township and we share those concerns. I want to provide

you with information about the actions we are undertaking to improve the reliability of your electric service.

Over the past several months there have been multiple power outages on your circuit and we believe that the majority of the interruptions were related to failure of the underground distribution system serving your area.

Specific projects have been implemented to correct problems on the underground distribution facilities. We are installing new primary underground conduit and conductor and moving the existing underground transformers above ground. To date, 50% of the work is completed and by April 30th we expect to finish the remaining underground system enhancements.

Although there is always the possibility of power outages that are beyond our control, like storms and car pole accidents, we are confident that the distribution system enhancements will make a positive difference in your service reliability.

On March 30, 2006, at 6:00 PM, we welcome you to join us for a meeting at our Richland office to discuss the work we are undertaking to address your service reliability. Our office is located at 311 Industrial Park Road, Richland, and the meeting is being held in the front conference room. Signs will be posted to direct you to our meeting room.

A special voice mailbox has been established to confirm your attendance at the meeting. You can reach the voice mailbox by calling 814-269-6624. Please leave your name and phone number and indicate if you plan on attending the meeting.

Thank you for your patience and for the opportunity to explain the actions we are undertaking to ensure that you receive the reliable electric service you expect and deserve.

Sincerely,

Murphy P. Montler
Area Manager

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Complete the underground replacement project.	Walter Mitchell	4/30/06	4/6/06

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Customers Served from the Riverisde Sub - :Lewistown District
Location:	Lewistown Penelec Office
Date/Time:	March 23, 2006 6:00PM
Penelec Circuit:	150-81 - 1,229 customers served
Penelec Attendees:	Beverly Green, Wayne Hunter, Clair Ciaverella
Public Attendees:	No customers attended the meeting - all customers received a letter and IVR messaging

Background / Issues

This circuit is listed on the worst performing circuit report. Customers experienced several outages. Some outages occurred on sensitive days such as Thanksgiving 2005. Customers were sent an IVR message indicating work was being conducted and that fault locators had been placed on the circuit. RCC's and a PUC complaint had been filed concerning service problems. All RCC's were followed up by engineering. The letter outlined the action items taken to improve circuit performance.

March 13, 2006

Dear Customer:

Penelec is aware of the concerns and inconvenience our customers experience with service interruptions. We would like to take this opportunity to share with you what actions and steps are being taken to improve reliability in your area.

Specific projects have been implemented to identify and correct problems related to your service. The circuit serving your area was patrolled and facilities not meeting our service level requirements have been identified for replacement or upgrade. The improvements include the installation of protection devices which will isolate the number of customers experiencing extended outages, and will keep the number of customers affected by service interruptions to a minimum. In addition these enhancements included the installation of insulators and lightning arrestors which provide the necessary protection for our lines.

Although there is always the possibility of electrical outages that are beyond our control, we are confident the line upgrades and improvements will strengthen our ability to respond to the outside influences that sometimes cause outages to our

customers such as car pole accidents, adverse weather conditions and other such incidents.

On Thursday, March 23, 2006, at 6:00PM, we welcome you to join us at our Lewistown Penelec office building to discuss the work we are undertaking to address your service reliability. Our office is located 12785 Ferguson Valley Rd., Lewistown. Our office is located just beyond the Super 8 motel. If you are unable to attend and would like more information please contact us at (814)949-6311 and leave your name and phone number and we will have a representative contact you. If you are interested in attending the meeting, please call (814)949-6311 to RSVP.

We appreciate the opportunity to serve your electric service needs and look forward to continuing to provide you with affordable reliable service.

Our Energy is Working for You

Sincerely,

Beverly M. Green
Area Manager

Action Plan

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

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Customers served from the Sam Rea Sub
Location:	Altoona Penelec Office
Date/Time:	March 30, 2006 6:00PM
Penelec Circuit:	31-71, 2,139 customers served 32-71, 652 customers served
Penelec Attendees:	Bob Chumrik, Theresa Heasley, Beverly Green, Rick Gunsallus, Clair Ciaverella
Public Attendees:	15 customers attended the meeting. Attendance sheet is available upon request.

Background / Issues

Circuit 31-71 is on the worst performing circuit list. Both circuits have had numerous outages and instantaneous interruptions due to the substation failure and circuit performance. Topics discussed were replacement and installation of insulators, cross arms fusing and pole replacement. The Osrose pole inspection program was discussed. Substation improvements included relaying upgrades, replaced main power transformer, and overall substation maintenance. The distribution tree trimming program was also reviewed. Letters were sent to each customer served from these circuits outlining the same information.

March 13, 2006

Dear Customer:

Penelec is aware of the concerns and inconvenience our customers experience with service interruptions. We would like to take this opportunity to share with you what actions and steps are being taken to improve reliability in your area.

Specific projects have been implemented to identify and correct problems related to your service. The circuit serving your area was patrolled by our engineering department and facilities not meeting our service level requirements have been identified for replacement or upgrade. The improvements include the installation of protection devices which will isolate the number of customers experiencing extended outages, and will keep the number of customers affected by service interruptions to a minimum. In addition these enhancements included pole and cross arm replacement along with the installation of insulators and lightning arrestors.

Although there is always the possibility of electrical outages that are beyond our control, we are confident the line upgrades and improvements will strengthen our ability to respond to the outside influences that sometimes cause outages to our customers such as car pole accidents, adverse weather conditions and other such incidents.

On Thursday, March 30, 2006, at 6:00PM, we welcome you to join us at our Altoona Penelec office building to discuss the work we are undertaking to address your service reliability. Our office is located at 405 W. Plank Rd., Altoona, and the meeting will be held in our auditorium located at the front of the building. Our office complex is located directly across from the Giant Eagle store on W. Plank Rd. If you are unable to attend and would like more information please contact us at 949-6311 and leave your name and phone number and we will have a representative contact you. If you are interested in attending the meeting, please call 949-6311 to RSVP.

We appreciate the opportunity to serve your electric service needs and look forward to continuing to provide you with affordable reliable service.

Our Energy is Working for You

Sincerely,

Beverly M. Green
Area Manager

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Bob Shoop - pole to be replaced	Operations	5/1/06	
Mark Hileman - pole box needs repaired/replaced	Operations	5/15/06	

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Customer along Arlington Road, Johnstown, Cambria County.
Location:	Penelec's Richland Service Center
Date/Time:	April 7, 2006
Penelec Circuit:	00201-11
Penelec Attendees:	Walter Mitchell and Murphy Montler
Public Attendees:	None

Background / Issues

Critical items were identified along the Arlington Road circuit that necessitated immediate repairs to prevent outages from occurring for customers in this area. The facilities were rehabilitated to ensure continued service reliability for our customers.

Murphy Montler, Penelec Area Manager, issued a letter to the customers detailing the rehabilitation project and inviting the customers to attend a meet with Penelec's local management team for more information.

Although the invitation for a meeting was extended to each of the affected customers, none elected to participate.



311 Industrial Park Rd.
Johnstown, PA 15904
Phone:(814) 269-6615
March 20, 2006

RE: Reliability

Dear Mr. :

Over the past few weeks Penelec crews having been working in your area to make repairs to our line facilities and address critical conditions that could affect your service reliability. I want to provide you with information about the proactive measures we have undertaken to ensure that you continue to receive the reliable electric service you expect and deserve.

Our Penelec crews completed a rehabilitation project along Arlington Street. The project involved removal of several deteriorated cross arms and the installation of new insulators along the line section that serves your residence. The rehabilitation project will ensure that our facilities continue to operate safely and reliably.

Although there is always the possibility of power outages that are beyond our control, like storms and car pole accidents, we are confident that the distribution system enhancements will make a positive difference in your service reliability.

On Friday April 7, 2006, at 5:00 PM, we welcome you to join us for a meeting at our Richland office to discuss the rehabilitation work we completed in your neighborhood. Our office is located at 311 Industrial Park Road, Richland, and the meeting is being held in the front conference room.

A special voice mailbox has been established to confirm your attendance at the meeting. You can reach the voice mailbox by calling 814-269-6624. Please leave your name and phone number and indicate if you plan on attending the meeting.

If you have questions about the work project we completed in your area, please don't hesitate to call me.

Sincerely,

Murphy P. Montler
Area Manager

Action Plan

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

MetEd

Public Meeting Report

Meeting Information

Municipality/Group:	Several commercial customers
Location:	Allenbury Playhouse, Boiling Springs
Date/Time:	January 20, 2006 at 9:30 AM
MetEd Circuit:	976 - 115 KV Transmission Line
MetEd Attendees:	Walt LaSota, Rick Schroth, Ron Mann Chris Wagman, and Dan Logar
Public Attendees:	Ahlstrom Technical - Gary Brown Operations Manager; South Middleton Schools, Jeff Ammerman Bus Mgr; Karns Foods, Bruce Rudderow Corporate; Allenberry, Irvin Tingle Maintenance

Background / Issues

On Wednesday, November 16, a power outage affected approximately 20,000 customers. The outage occurred when a conductor on 976 line (115kV) fell onto a transmission structure. Insulators attaching the conductor to the structure were damaged by persons unknown who were using the insulators for target practice. Ahlstrom Technical, South Middleton Schools, Karns Foods, and Allenberry Playhouse were among the customers affected. They requested a meeting to review the incident.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Provide distribution circuit numbers for the commercial facilities of customers in attendance.	Ron Mann	1-27-06	1-23-06

MetEd

Public Meeting Report

Meeting Information

Municipality/Group:	PPG Industries
Location:	PPG, Carlisle Plant
Date/Time:	January 20, 2006 at 1:30 PM
MetEd Circuit:	976 line - 115 KV transmission
MetEd Attendees:	Ron Lantzy, Walt LaSota, Rick Schroth, and Chris Wagman
Public Attendees:	Henry Ufko, PPG Corporate Engineering; Tom Abbas, Plant Manager; Tom Nestor, Plant Engineer

Background / Issues

On Wednesday, November 16, a power outage affected PPG Industries plant in Carlisle. The outage occurred when a conductor on 976 line (115kV) fell onto a transmission structure. Insulators attaching the conductor to the structure were damaged by persons unknown who were using the insulators for target practice. The Gardners, Mountain, PPG, Allen, and Dillsburg substations tripped off line. PPG was one of the customers affected and they requested a meeting to review the incident. This meeting was to report progress of the action items identified at the December 19, 2006 meeting held at PPG. This meeting included a tour of their facility and pointed out the critical nature of their production.

Action Plan

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

MetEd

Public Meeting Report

Meeting Information

Municipality/Group:	Delaware Township Customers
Location:	Delaware Township Building
Date/Time:	February 16, 2006 at 1:00pm
MetEd Circuit:	623 line
MetEd Attendees:	Marc Troutman(Area Mgr), Jim Catanach(Engineer), Paul Moore(Operations Mgr)
Public Attendees:	16-20 customers, including Representative Siptroth and Township staff

Background / Issues

There were low voltage and reliability concerns from customers. Complaints evolved after a 44 hour outage, following a major event, which was the wind storm January 14, 2006. The discussion covered circuit reliability and future plans for reinforcement, which were already under way.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Complete field work which involved installation of a new transformer and pole as well as transferring a portion of the customers to a different circuit.	Paul Moore	April 1, 2006	March 20, 2006 (affected customers were contacted via reverse IVR on 3/22/06)

MetEd

Public Meeting Report

Meeting Information

Municipality/Group:	White Rock Acres
Location:	Boiling Springs
Date/Time:	March 21, 2006
MetEd Circuit:	503-4
MetEd Attendees:	Dan Logar and Brian Lachman
Public Attendees:	Rich Moore, Homeowners Assn President

Background / Issues

Met-Ed replaced the UG primary cable due to frequent outages. Brian, Rich, and I reviewed the plan to energize and connect customers to the new cable.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Notify customers prior to planned outages during the conversion process	Dan Logar	5-31-06	

MetEd

Public Meeting Report

Meeting Information

Municipality/Group:	Laurel Woods Development Customers
Location:	Conewago Township
Date/Time:	March 30, 2006
MetEd Circuit:	763-2
MetEd Attendees:	Bill Zewe and Dan Logar
Public Attendees:	Larry and Kay Forbes, James Hopper

Background / Issues

Met-Ed was finishing the project to replace UG primary cable in the Laurel Woods development. The customers wanted additional information about the cable replacement and lawn restoration process. In conjunction with the customers in attendance, all parties agreed to create an action plan to track the lawn restoration and clean-up effort.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Remove damaged tree	Dan Logar	4-24-06	4-19-06
Replant vegetation and clean-up area	Dan Logar	5-15-06	

ATTACHMENT B2

Local Reliability Meeting Reports

Meetings conducted prior to the 1st quarter 2006

with Updated or Outstanding Action Items

Penelec

Public Meeting Report

Meeting Information

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

Background / Issues

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

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Replace main line URD feed along Amhurst Road.	Engineering & Line	June 2006	

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Port Allegany Borough
Location:	Port Allegany Borough
Date/Time:	November 17th, 2005
Penelec Circuit:	Eldred Circuit (2 Mile - sub)
Penelec Attendees:	Russell Van Horn
Public Attendees:	Rep. Martin Causer, Borough Manager - Richard Kallenborn, James Kaminsky, Arch Klein

Background / Issues

During the first quarter of 2005 customers and borough officials expressed concerns about momentary and extended outages. The borough officials also had concerns about poor communication and access to the Call Center.

As a direct result of these issues Bill Dale and engineering personnel inspected the entire Eldred circuit out of our Two-Mile substation with the initiative to address and correct the concerns above. As a result, the following work was completed and reviewed with the attendees:

- All cutouts on the circuit were replaced.
- Spurs were fused.
- Insulators and cross arms replaced as needed.
- A radio-controlled vacuum switch was installed roughly in the middle of the circuit.
- The municipal toll free number was reviewed and discussed with respect to answering priority as well as the experience level of the agents.

The engineering for this work and the required construction was completed in the 3rd quarter of 2005. It has been acknowledged and has addressed the issues originally expressed. Borough officials were satisfied with results of the meeting.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Follow-up meeting(s) with Mr. Kallenborn	R Van Horn	2Q '06 3Q '06	

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Linesville, Conneaut Valley School District, Espyville
Location:	Linesville Boro
Date/Time:	Dec, 8th, 2005
Penelec Circuit:	Linesville/Espyville
Penelec Attendees:	Rud Van Horn, Jeff Bishop, Shawn Hindman
Public Attendees:	Dick Astor (Superintendent - CV schools), Warren Beaver (resident), Vicki Leap (Rep J Evans' office) , John Waterman (Molded Fiber Glass)

Background / Issues

This circuit is a highly exposed and geographically large circuit (over 30 miles) in western Crawford County. Over the years and (particularly) throughout the second half of 2004 and the first two quarters of 2005 businesses, school districts, and residents have expressed concern about momentary and extended outages. In response to these concerns the Company developed an extensive plan to rehabilitate this circuit. Highlights of this project include the following: replacement of more than 20 poles, 40 cross arms, addition of 22 new sectionalization devices, fusing of all spurs off this line, replacing all reclosers, and complete tree trimming. This work was completed on December 29 and involved over 4200 hours of labor. All parties were very satisfied with the company's plan and commitment to address reliability concerns.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Re-visit with all parties to review the completion of this work and to assure that operational improvement has been recognized.	R. Van Horn / J Bishop	2Q '06	

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Wagner Development Customers
Location:	Huntingdon Penelec Office
Date/Time:	December 13, 2005 at 6:00pm
Penelec Circuit:	000100-82 - McConnellstown sub - Country Club feeder - 12 Kv
Penelec Attendees:	Derek Wright - Huntingdon Operations Supervisors - Beverly Green - Area Manager
Public Attendees:	Sandy S. Kleckner

Background / Issues

Thirty-six letters were sent to customers inviting them to the Huntingdon District office to discuss the upgrade to the transformers serving their developments. Customers in this development have experienced outages. This development currently has submersible transformers, which has hampered our ability to provide timely service restoration. These submersible transformers do not meet current standards. The area is also prone to flooding problems, which has also affected service restoration.

We reviewed the plans to remove the current submersible transformers and replace them with padmount transformers. The work is planned for early spring depending on the weather conditions. The work will require planned outages and all customers will be notified of the date and length of the outage.

The reliability program was discussed and storm outage/restoration reporting was also highlighted during the discussion with Ms. Kleckner.

Below is the letter that was sent to the customers in this development.

December 5, 2005

Re: Electric Service for the Wagner Development

Dear Customer:

We will be making improvements to your electric service in the first quarter of 2006. This work will involve replacing your current underground transformer with an above ground transformer. In the past our restoration efforts have been hampered due to flooding and other weather conditions within your development, therefore, these

upgrades are necessary to assist us in meeting your expectations for reliable service.

During the time of these replacements will take place, it will be necessary to interrupt your electric service. These interruptions are necessary for our linemen to do this work in the safest manner possible. Some residences will have their service off multiple times. We understand this will be an inconvenience and we will do everything we can to keep the number of interruptions and length of the outages to a minimum.

We are hosting a meeting for all customers scheduled for improvements at our local Penelec office located on Fair Grounds Rd. in Huntingdon on Tuesday, December 13, 2005 beginning at 6:00PM. Penelec representatives will be on hand to give you an opportunity to hear more about the project which is planned for the first quarter of 2006, discuss which customers will have multiple outages, and we will answer any questions you may have about the work to be performed.

We know there is never a good time to be out of power but it is always better if we can plan the outages rather than having power interruptions when you least expect them. We will do our best to work with you as to when the outages are scheduled and everyone will be notified as to when each outage is to take place. This work is being done in accordance with Rule 25 under the Pennsylvania Electric Company Electric Service Tariff.

You may call (814)947-6311 if you have any questions or concerns about the meeting or would like a representative to contact you. Please plan to attend this informative meeting and we look forward to seeing you on December 13th.

Sincerely,

Beverly Green
Area Manager

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Replace current submersible transformers with padmount transformers.	Derek Wright	4/26/06	

Penelec

Public Meeting Report

Meeting Information

Municipality/Group:	Customers in the Cherry Lane, Dowling Rd, Seese Dr., Mayluth Rd. & Euclid Ave areas of Richland Township, Cambria County
Location:	Richland Service Center – Penelec
Date/Time:	December 28, 2005
Penelec Circuit:	00913-11
Penelec Attendees:	Walter Mitchell and Murphy Montler
Public Attendees:	Norman Goetz, Careen Goetz, Larry Sedlemeyer and James Pozun

Background / Issues

Customers in this area have complained about low voltage and service reliability. To address these complaints, Penelec initiated a project to convert customers from the current 4kV system to the higher voltage 23kV system. The conversion will strengthen voltage levels and provide alternate switching capabilities.

Agenda

Project status

The conversion is approximately 50% completed with the remaining work scheduled for completion by the end of the 2nd Quarter of 2006.

Project overview

Walter Mitchell, Penelec Operating Manager, presented an overview of the conversion project utilizing a map and explaining what line crews will be doing as work continues on this project.

Overview of the storm process

Murphy Montler provided an overview of the FirstEnergy storm process.

Handouts

Murphy Montler provide the following FirstEnergy publications:

- What to do if the power goes out
- Facts About Restoring Electric Service
- Using Electricity Safely
- Making cents of electricity

The customer meeting attendees were very appreciative of the information and the opportunity to ask questions about the conversion project. A request was made by the customers to delay the planned outage until the Spring when weather conditions are warmer.

Walt and Murphy provided business cards to the customer meeting attendees.

Below is a letter issued to the 150 customers that will be impacted by the conversion project. Although only four customers elected to participate in the meeting, the letter provides information about the conversion project and a contact number is listed if customers have questions or concerns.



Johnstown, PA 15904
Phone:(814) 269-6615

RE: Service Reliability

Dear Mr. :

At Penelec we understand that service reliability continues to be a very important priority for our customers. You expect us to keep the lights on, and when weather events disrupt your service, you expect us to be there promptly to address conditions and restore service safely and quickly.

Over the past year the circuit that serves your area has been monitored and we have identified a project that should help strengthen voltage levels and the overall reliability performance of your circuit. I wanted to write to you and provide information about the project.

Our engineering group field inspected your circuit to identify opportunities to reinforce and enhance reliability performance. I'm very happy to report that we have been converting your circuit to our higher voltage distribution system. This conversion provides a better balancing of system load and will markedly improve the system voltage performance for your area.

Although there is always the possibility of electric interruptions and voltage dips that are beyond our control, like significant weather events and car pole accidents, we are confident that the system conversion will make a positive difference in your service reliability and voltage performance.

On December 28, 2005, at 5:30 PM, we welcome you to join us for a meeting at our 311 Industrial Park Road office in Richland Township. Our local management team will be there to discuss your concerns and to outline the initiatives we are undertaking to address your service reliability.

A special voice mailbox has been established to confirm your attendance at the meeting. You can reach the voice mailbox by calling 814-269-6624. Please leave your name and phone number and indicate if you plan on attending the meeting.

Thank you for your patience and for the opportunity to explain the actions we are undertaking to ensure that you receive the reliable electric service you expect and deserve.

Sincerely,

Murphy P. Montler
Vice President of External Affairs

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Completed the conversion project by the end of the 2nd Quarter of 2006.	Walter Mitchell	6/30/06	

MetEd

Public Meeting Report

Meeting Information

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

Background / Issues

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

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
Complete installation of the Substation	Greg Gillotti	7-1-06	

MetEd

Public Meeting Report

Meeting Information

Municipality/Group:	PPG Industries
Location:	PPG - Carlisle Plant
Date/Time:	December 19, 2005
MetEd Circuit:	976 - 115 KV transmission line
MetEd Attendees:	Ron Lantzy, Walt LaSota, Rick Schroth, and Chris Wagman
Public Attendees:	Henry Ufko, PPG Corporate Engineering; Tom Abbas, Plant Manager; Tom Nestor, Plant Engineer, Steve Minick

Background / Issues

On Wednesday, November 16, a power outage affected PPG Industries Carlisle Plant. The outage occurred when a conductor on 976 line (115kV) fell onto a transmission structure. Insulators attaching the conductor to the structure were damaged by persons unknown who were using the insulators for target practice. Gardners, Mountain, PPG, Allen, and Dillsburg Substations tripped off-line. PPG was one of the customers affected and requested a meeting to review the incident.

Action Plan

Item:	Assigned To:	Date Due:	Date Completed:
1. Email photos of aerial crews inspecting transmission line.	Rick Schroth	1-20-06	12-20-05
2. Structure design of transmission line (981) from Roundtop Sub to Allen Sub.	Chris Wagman	1-20-06	1-20-06
3. Feasibility of utilizing CT's out of the Mountain Sub for PPG.	Ron Lantzy	1-20-06	1-20-06
4. Discuss communication process for events.	Chris Wagman	1-20-06	12-23-05
5. Staffing with EC&M on the day of the event. <ul style="list-style-type: none"> • Staffing with Operations • EC & M Crew location and dispatching orders before they arrived at Roundtop • Vacations/Availability 	Walt LaSota	1-20-06	1-20-06
6. The last comprehensive aerial patrol performed.	Chris Wagman	1-20-06	12-21-05
7. Time that the repairs were completed on the failed string insulators and numbered replaced.	Walt LaSota	1-20-06	1-20-06
8. Relay inspection and report finalized from 12/20/05 inspection.	Walt LaSota	1-20-06	1-20-06
9. Status on request for planned outage of breaker 98172 from PJM.	Walt LaSota	1-20-06	1-20-06
10. Follow-up on comments by field reps that the Roundtop Sub breaker has trouble closing.	Walt LaSota	1-20-06	1-20-06
11. Status on the Roundtop RTU.	Walt LaSota	1-20-06	1-20-06