



Wellsboro Electric Company

P.O. Box 138 • 33 Austin Street • Wellsboro, PA 16901 • (570) 724-3516 • FAX (570) 724-1798

Overview of Wellsboro Electric Distribution System

October 29, 2003

2003 has been a very challenging year for Wellsboro Electric, January 1, 2003 brought one of the worst ice storms in the companies history causing nine days of round the clock efforts to restore power to all customers.

July 21, 2003 our system was again hit by high winds causing another event close to the ice storm of January in number of outages and damage to our distribution system, then the remnants of Hurricane Isabel brought another round of high winds and outages.

September 2003 brought winds in the fifty mile per hour range again causing numerous outages affecting a large amount of customers and outage times, along with more damage to our system.

To date has seen an increase in outage all related to the storms of 2003, causing our outage numbers to rise, as you review the outage data submitted you will see scheduled outages for maintenance work all this is related to repairing storm damage thru the year. We have seen increased outages to equipment failure, a large amount due to equipment failing that was damaged in the storms.

Wellsboro Electric has patrolled the areas hit hardest by the storms and to this day still find problems that are attributed to the storms.

If you have any questions on the submitted data, I would welcome the opportunity to discuss this in further detail with you.

Being the first time we have submitted this quarterly data, I ask that if there is something else you require on the quarterly report that you contact me and I will obtain the information and submit promptly.

Sincerely

Robert S. McCarthy

Vice-President, Engineering and Operations

Wellsboro Electric Company

Wellsboro Electric Company

Reliability Index

| | SAIDI | SAIFI | CAIDI |
|------------------------|-----------------|-----------------|-----------------|
| October-02 | 38.05336 | 0.193788 | 196.3662 |
| November-03 | 26.91469 | 0.24694 | 109.0034 |
| December-03 | 37.69543 | 0.24107 | 156.3672 |
| January-03 | 16.42364 | 0.205349 | 79.97899 |
| February-03 | 8.452435 | 0.068566 | 123.2736 |
| March-03 | 6.419419 | 0.21821 | 29.41853 |
| April-03 | 21.9174 | 0.171384 | 127.8846 |
| May-03 | 68.74013 | 0.341341 | 201.3825 |
| June-03 | 25.67233 | 0.151123 | 169.8775 |
| July-03 | 11.88767 | 0.184283 | 64.50759 |
| August-03 | 17.82019 | 0.243099 | 73.30433 |
| September-03 | 73.24609 | 0.607803 | 120.5097 |
| | | | 1451.874 |
| Rolling Average | 353.2428 | 2.872956 | 120.9895 |

Oct 2002

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-------------|-------------|----------------|
| Power Supplier | | | |
| Maintenance | | | |
| Other, Scheduled | | | |
| Major Storm | | | |
| Equipment | 1 | 1 | 3.13 |
| Conductor Sag | | | |
| Other, Faulty Equipment | 6 | 638 | 3109.61 |
| Decay | | | |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | | | |
| Other, Deterioration | | | |
| Lightning | | | |
| Wind, Not trees | | | |
| Ice, Sleet, Frost | | | |
| Trees and Ice | | | |
| Trees, Other | 15 | 71 | 266.08 |
| Weather, Other | | | |
| Small Animals | 3 | 3 | 2.48 |
| Large Animals | | | |
| Vehicles | | | |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | 1 | 1 | 0.76 |
| Member Caused | | | |
| Fire | 1 | 86 | 12.9 |
| Unknown | 8 | 323 | 280.46 |
| | 35 | 1123 | 3675.32 |
| Excluded Events | 35 | 1123 | 3675.32 |
| Active Customers | 5795 | | |

SAIDI
0.634223
38.05336

SAIFI
0.193788

CAIDI
3.272769
196.3662

November 2002

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-----------|-------------|-----------------|
| Power Supplier | | | |
| Maintenance | | | |
| Other, Scheduled | 1 | 282 | 108.1 |
| Major Storm | | | |
| Equipment | 12 | 12 | 11.88 |
| Conductor Sag | | | |
| Other, Faulty Equipment | 4 | 1220 | 2488.65 |
| Decay | | | |
| Corrosion | | | |
| Contamination | 1 | 27 | 23.4 |
| Electrical Overload | | | |
| Other, Deterioration | | | |
| Lightning | | | |
| Wind, Not trees | | | |
| Ice, Sleet, Frost | | | |
| Trees and Ice | 16 | 1100 | 14324.53 |
| Trees, Other | | | |
| Weather, Other | | | |
| Small Animals | 6 | 6 | 2.55 |
| Large Animals | | | |
| Vehicles | | | |
| Public Activities | 1 | 1 | 2.6 |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | | | |
| Member Caused | | | |
| Unknown | 9 | 152 | 70.43 |
| | 49 | 2518 | 16924.04 |
| Excluded Events | 16 | 1100 | 14324.53 |
| | 33 | 1418 | 2599.51 |
| Active Customers | | | 5795 |

SAIDI
0.448578
26.91469

SAIFI
0.244694

CAIDI
1.833223
109.9934

Dec 2002

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-------------|-----------|-----------|
| Power Supplier | | | |
| Maintenance | | | |
| Other, Scheduled | | | |
| Major Storm | | | |
| Equipment | 3 | 140 | 120.36 |
| Conductor Sag | | | |
| Other, Faulty Equipment | 3 | 144 | 1732.65 |
| Decay | | | |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | 5 | 459 | 787.61 |
| Other, Deterioration | 3 | 3 | 2.41 |
| Lightning | | | |
| Wind, Not trees | | | |
| Ice, Sleet, Frost | 7 | 22 | 39.05 |
| Trees and Ice | 1 | 1 | 0.86 |
| Trees, Other | 1 | 24 | 7.6 |
| Weather, Other | | | |
| Small Animals | 10 | 271 | 347.65 |
| Large Animals | | | |
| Vehicles | 1 | 14 | 16.33 |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | | | |
| Member Caused | | | |
| Unknown | 6 | 319 | 586.23 |
| | 40 | 1397 | 3640.75 |
| Excluded Events | | | |
| | 40 | 1397 | 3640.75 |
| Active Customers | | | |
| | 5795 | | |

SAIDI
0.628257
37.69543

SAIFI
0.24107

CAIDI
2.60612
156.3672

January 2003

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-------------|--------------|-----------------|
| Power Supplier | | | |
| Maintenance | | | |
| Other, Scheduled | | | |
| Major Storm | 186 | 23954 | 189882.2 |
| Equipment | 2 | 68 | 697.28 |
| Conductor Sag | | | |
| Other, Faulty Equipment | 3 | 3 | 6.96 |
| Decay | | | |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | | | |
| Other, Deterioration | | | |
| Lightning | | | |
| Wind, Not trees | | | |
| Ice, Sleet, Frost | | | |
| Trees and Ice | | | |
| Trees, Other | | | |
| Weather, Other | | | |
| Small Animals | 2 | 2 | 1.75 |
| Large Animals | | | |
| Vehicles | | | |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | | | |
| Member Caused | | | |
| Unknown | 4 | 1117 | 880.26 |
| | 197 | 25144 | 191468.5 |
| Excluded Events | 186 | 23954 | 189882.2 |
| | 11 | 1190 | 1586.25 |
| Active Customers | 5795 | | |

SAIDI
0.273727
16.42364

SAIFI
0.205349

CAIDI
1.332983
79.97899

February 2003

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-------------|------------|---------------|
| Power Supplier | | | |
| Maintenance | 1 | 1 | 1.28 |
| Other, Scheduled | | | |
| Major Storm | | | |
| Equipment | 5 | 235 | 378.9 |
| Conductor Sag | | | |
| Other, Faulty Equipment | | | |
| Decay | | | |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | | | |
| Other, Deterioration | | | |
| Lightning | | | |
| Wind, Not trees | 1 | 93 | 246.45 |
| Ice, Sleet, Frost | | | |
| Trees and Ice | | | |
| Trees, Other | 2 | 66 | 187.5 |
| Weather, Other | | | |
| Small Animals | 1 | 1 | 0.43 |
| Large Animals | | | |
| Vehicles | | | |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | | | |
| Member Caused | | | |
| Unknown | 1 | 1 | 1.1 |
| | 11 | 397 | 815.66 |
| Excluded Events | 0 | 0 | 0 |
| | 11 | 397 | 815.66 |
| Active Customers | 5790 | | |

SAIDI
0.140874
8.452435

SAIFI
0.068566

CAIDI
2.054559
123.2736

March 2003

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-------------|-------------|-----------------|
| Power Supplier | 1 | 5089 | 11340 |
| Maintenance | | | |
| Other, Scheduled | | | |
| Major Storm | | | |
| Equipment | 3 | 1049 | 416.96 |
| Conductor Sag | | | |
| Other, Faulty Equipment | 1 | 1 | 3.25 |
| Decay | | | |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | | | |
| Other, Deterioration | | | |
| Lightning | | | |
| Wind, Not trees | | | |
| Ice, Sleet, Frost | | | |
| Trees and Ice | | | |
| Trees, Other | | | |
| Weather, Other | | | |
| Small Animals | 4 | 24 | 25.7 |
| Large Animals | | | |
| Vehicles | 1 | 813 | 745.25 |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | | | 162.4 |
| Member Caused | | | |
| Unknown | 3 | 15 | 10.95 |
| | 13 | 6991 | 12704.51 |
| Excluded Events | 2 | 5902 | 12085.25 |
| | 11 | 1089 | 619.26 |
| Active Customers | | | |
| | 5788 | | |

SAIDI
0.10699
6.419419

SAIFI
0.188148

CAIDI
0.56865
34.11901

April 2003

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-------------|------------|----------------|
| Power Supplier | | | |
| Maintenance | 11 | 11 | 5.6 |
| Other, Scheduled | 2 | 341 | 272.33 |
| Major Storm | | | |
| Equipment | 7 | 7 | 7.86 |
| Conductor Sag | | | |
| Other, Faulty Equipment | 2 | 2 | 2.46 |
| Decay | | | |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | | | |
| Other, Deterioration | | | |
| Lightning | | | |
| Wind, Not trees | | | |
| Ice, Sleet, Frost | | | |
| Trees and Ice | | | |
| Trees, Other | 2 | 2 | 3.1 |
| Weather, Other | | | |
| Small Animals | 2 | 2 | 1.16 |
| Large Animals | | | |
| Vehicles | 4 | 451 | 1659.6 |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | 1 | 174 | 162.4 |
| Member Caused | | | |
| Unknown | 3 | 3 | 1.98 |
| | 34 | 993 | 2116.49 |
| Excluded Events | 0 | 0 | 0 |
| | 34 | 993 | 2116.49 |
| Active Customers | 5794 | | |

SAIDI
0.36529
21.9174

SAIFI
0.171384

CAIDI
2.13141
127.8846

May 2003

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-----------|-------------|----------------|
| Power Supplier | | | |
| Maintenance | | | |
| Other, Scheduled | | | |
| Major Storm | | | |
| Equipment | | | |
| Conductor Sag | | | |
| Other, Faulty Equipment | 1 | 1 | 1.51 |
| Decay | | | |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | | | |
| Other, Deterioration | 1 | 1 | 0.63 |
| Lightning | 2 | 60 | 56.91 |
| Wind, Not trees | 3 | 120 | 232.3 |
| Ice, Sleet, Frost | | | |
| Trees and Ice | | | |
| Trees, Other | 3 | 1565 | 5757.65 |
| Weather, Other | | | |
| Small Animals | 3 | 2 | 1.61 |
| Large Animals | | | |
| Vehicles | | | |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | | | |
| Member Caused | | | |
| Unknown | 5 | 226 | 578.23 |
| | 18 | 1975 | 6628.84 |
| Excluded Events | 0 | 0 | 0 |
| | 18 | 1975 | 6628.84 |
| Active Customers | | | 5786 |

SAIDI
1.145669
68.74013

SAIFI
0.341341

CAIDI
3.356375
201.3825

June 2003

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-------------|------------|----------------|
| Power Supplier | | | |
| Maintenance | 2 | 125 | 672.13 |
| Other, Scheduled | 1 | 35 | 24.5 |
| Major Storm | | | |
| Equipment | 2 | 2 | 1.35 |
| Conductor Sag | | | |
| Other, Faulty Equipment | 2 | 2 | 14.23 |
| Decay | 1 | 1 | 1.11 |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | | | |
| Other, Deterioration | | | |
| Lightning | | | |
| Wind, Not trees | | | |
| Ice, Sleet, Frost | | | |
| Trees and Ice | | | |
| Trees, Other | 4 | 66 | 58 |
| Weather, Other | | | |
| Small Animals | 13 | 352 | 239.48 |
| Large Animals | | | |
| Vehicles | 2 | 51 | 213 |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | | | |
| Member Caused | | | |
| Unknown | 9 | 241 | 1253.58 |
| | 36 | 875 | 2477.38 |
| Excluded Events | 0 | 0 | 0 |
| | 36 | 875 | 2477.38 |
| Active Customers | 5790 | | |

SAIDI
0.427872
25.67233

SAIFI
0.151123

CAIDI
2.831291
169.8775

July 2003

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-------------|-------------|-----------------|
| Power Supplier | | | |
| Maintenance | | | |
| Other, Scheduled | | | |
| Major Storm | 109 | 8180 | 87032.73 |
| Equipment | 2 | 2 | 2.85 |
| Conductor Sag | 2 | 32 | 65.88 |
| Other, Faulty Equipment | | | |
| Decay | | | |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | | | |
| Other, Deterioration | | | |
| Lightning | 3 | 31 | 19.06 |
| Wind, Not trees | | | |
| Ice, Sleet, Frost | | | |
| Trees and Ice | | | |
| Trees, Other | 12 | 906 | 962.91 |
| Weather, Other | 13 | 13 | 181.13 |
| Small Animals | 3 | 3 | 1.68 |
| Large Animals | | | |
| Vehicles | | | |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | | | |
| Member Caused | | | |
| Unknown | 30 | 93 | 94.78 |
| | 174 | 9260 | 88361.02 |
| Excluded Events | 122 | 8193 | 87213.86 |
| | 52 | 1067 | 1147.16 |
| Active Customers | 5790 | | |

| SAIDI | SAIFI | CAIDI |
|----------|----------|----------|
| 0.198128 | 0.184283 | 1.075127 |
| 11.88767 | | 64.50759 |

Excluding 109 storms under Major Storm and 13 under Weather, Other

August 2003

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-------------|-------------|----------------|
| Power Supplier | | | |
| Maintenance | 1 | 1 | 1.83 |
| Other, Scheduled | 1 | 80 | 86.66 |
| Major Storm | | | |
| Equipment | | | |
| Conductor Sag | | | |
| Other, Faulty Equipment | | | |
| Decay | 1 | 1 | 1.83 |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | | | |
| Other, Deterioration | 2 | 25 | 52.73 |
| Lightning | 1 | 1 | 0.83 |
| Wind, Not trees | | | |
| Ice, Sleet, Frost | | | |
| Trees and Ice | | | |
| Trees, Other | 4 | 156 | 255.95 |
| Weather, Other | 1 | 10 | 21.83 |
| Small Animals | 6 | 680 | 545.65 |
| Large Animals | | | |
| Vehicles | 1 | 29 | 28.51 |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | | | |
| Other Utilites | | | |
| Member Caused | | | |
| Unknown | 17 | 426 | 725.61 |
| | 35 | 1409 | 1721.43 |
| Excluded Events | 0 | 0 | 0 |
| | 35 | 1409 | 1721.43 |
| Active Customers | 5796 | | |

SAIDI
0.297003
17.82019

SAIFI
0.243099

CAIDI
1.221739
73.30433

Sept 2003

WELLSBORO ELECTRIC COMPANY

| Cause | Outages | Consumers | Con Hours |
|-------------------------|-------------|-------------|-----------------|
| Power Supplier | | | |
| Maintenance | | | |
| Other, Scheduled | 2 | 1330 | 332.5 |
| Major Storm | | | |
| Equipment | 8 | 1812 | 4733.28 |
| Conductor Sag | 3 | 3 | 3.08 |
| Other, Faulty Equipment | | | |
| Decay | | | |
| Corrosion | | | |
| Contamination | | | |
| Electrical Overload | | | |
| Other, Deterioration | 2 | 92 | 224.88 |
| Lightning | 3 | 151 | 1663.45 |
| Wind, Not trees | 48 | 1627 | 11521.34 |
| Ice, Sleet, Frost | | | |
| Trees and Ice | | | |
| Trees, Other | 42 | 42 | 65.29 |
| Weather, Other | 15 | 19 | 154.56 |
| Small Animals | 6 | 130 | 78.59 |
| Large Animals | | | |
| Vehicles | | | |
| Public Activities | | | |
| G&T | | | |
| Telephone Co. | 3 | 3 | 36.13 |
| Other Utilites | | | |
| Member Caused | | | |
| Unknown | | | |
| | 132 | 5209 | 18823.1 |
| Excluded Events | 105 | 1688 | 11751.19 |
| | 27 | 3521 | 7071.91 |
| Active Customers | 5793 | | |

SAIDI
1.220768
73.24609

SAIFI
0.607803

CAIDI
2.008495
120.5097

Excluded for the Month- Wind, Tree, other and Weather, They were coded wrong was from the storm (High Wind)



Duquesne Light
A DQE Company

RECEIVED

NOV 03 2003

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

ORIGINAL

November 3, 2003

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

DOCUMENT

Dear Mr. McNulty:

Enclosed for filing please find an original and six (6) copies of Duquesne Light Company's reliability report for the quarter ended September 30, 2003 submitted in compliance with the Commission's Secretarial letter dated September 8, 2003 and in response to the Proposed Rulemaking at L-00030161.

This filing is made without admission against or prejudice to any factual or legal position which Duquesne Light may assert in the referenced Proposed Rulemaking or any other proceeding.

If you have any questions regarding the information provided, please contact me at (412) 393-6334.

Sincerely,

Nancy J. D. Krajovic
Manager, Regulatory Affairs

Enclosures

| | |
|---|-------------|
| c: Ms. K. O. Moury - Bureau of CEEP | w/enclosure |
| Mr. I. A. Popowsky - Office of Consumer Advocate | " |
| Mr. B. A. Ryan, Jr. - Office of Small Business Advocate | " |

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DUQUESNE LIGHT COMPANY
QUARTERLY RELIABILITY REPORT
NOVEMBER 1, 2003

RECEIVED

NOV 03 2003

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

57.195 Reporting Requirements

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

Jeffrey L. Coward – General Manager, Asset Management and Engineering
(412) 393-8944, jcoward@duqlight.com

Nancy J. Krajovic - Manager, Regulatory Affairs
(412) 393-6334, nkrajovic@duqlight.com

DOCKETED

NOV 06 2003

(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.

June 8, 2003

At approximately 1930 hours on Sunday, June 8, 2003, severe thunderstorms, with winds gusting to 70 mph, along with damaging lightning, hail and heavy rains, swept through Duquesne Light's service area. The National Weather Service confirmed that a microburst hit Moon Township in Allegheny County. The storm caused widespread outages, including downed power lines and trees, and heavy damage to poles and equipment.

At its peak, the storm response effort involved over 113 Duquesne Light line workers, 23 troubleshooters, 44 contractor line workers from Asplundh, Sargent, and First Energy and 20 tree crews. This workforce was augmented by utilizing our emergency response team in operations, work management, customer service, engineers, technicians, support and field resources, media relations, materials and transportation. Overall, an estimated 205 people contributed to this restoration effort.

Over 17 utility poles, 137 primary and 38 secondary wires, 184 individual service drops and 12 transformers were replaced. There were 37 circuit and device lockouts. We received over 14,000 calls of service-related trouble from our customers.

Throughout the storm period, outage information was reported to our customers through our web site, www.duquesnelight.com, as well as through local news media and through customer service personnel and the Interactive Voice Response (IVR) system at the call center.

Storm expense: \$1,640,116.34

KVA affected: 1,061,482 KVA (16.8% of system load)

Duration: Service restoration for customers affected by this storm was completed at 0600 hours on June 11, 2003.

Cause: High winds, downed trees, and lightning

DOCUMENT

(e)(1) (continued)

July 7, 2003

At approximately 2030 hrs on Tuesday, July 8, 2003, lines of severe thunderstorms with damaging lightning, heavy rains and high winds caused widespread outages throughout Duquesne Light's service area.

At its peak, the storm response effort involved over 96 Duquesne Light line workers, 23 troubleshooters, 50 tree contractors, 8 contractors from Asplundh, 4 contractors from M.J. Electric, 10 contractors from Sargent and 20 contractors from Hinkel & McCoy. This workforce was augmented by utilizing our emergency response team in operations, work management, customer service, engineering, support and field resources, media relations, materials and transportation. Overall, an estimated 260 personnel contributed to this restoration effort.

Over 14 utility poles, 93 primary and 22 secondary wires, 60 individual service drops and 13 transformers were replaced. We experienced 42 circuit and device lockouts.

Throughout the storm period, outage information was reported to our customers through our web site, www.duquesnelight.com, as well as through local news media and through customer service personnel and the Interactive Voice Response (IVR) system at the call center.

Storm expense: \$1,675,777.93

KVA affected: 711,507 KVA (11.3% of system load)

Duration: Service restoration for customers affected by this storm was at 2300 hours on July 10, 2003

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

RELIABILITY BENCHMARKS AND STANDARDS
Duquesne Light Company

System Performance Measures with Major Events Excluded

| Entire System | | | | |
|--------------------------------|-------|-------|-------|-------|
| Year | SAIDI | SAIFI | CAIDI | MAIFI |
| 2000 | 109 | 1.26 | 87 | * |
| 2001 | 79 | 1.02 | 78 | * |
| 2002 | 121 | 1.32 | 92 | * |
| Benchmark | 126 | 1.17 | 108 | |
| 12 Month Standard | 182 | 1.40 | 130 | |
| 2003 3Q (Rolling 12 mo) | 101 | 1.20 | 84 | * |
| 9/30/03 YTD | 85 | 1.02 | 84 | * |

* Sufficient information to calculate MAIFI is unavailable at this time.

Data used in calculating the indices

Total KVA interrupted for the period: 9,360,740 KVA

Total KVA-minutes interrupted: 1,055,645,783 KVA-Minutes

System connected load as of 9/30/03: 6,297,948 KVA

Impact of June 8 2003 Major Event: 1,061,482 KVA (16.8% of system load)
251,032,283 KVA-minutes

Impact of July 7 2003 Major Event: 711,507 KVA (11.3% of system load)
165,535,703 KVA-Minutes

Formulas used in calculating the indices

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

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

$$\text{CAIDI} = \text{SAIDI/SAIFI}$$

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

| Circuit | Connected KVA | KVA Minutes Interrupted | KVA Interrupted | Circuit SAIDI | Circuit SAIFI | Circuit CAIDI |
|---------------------------|---------------|-------------------------|-----------------|---------------|---------------|---------------|
| Midland-Cooks Ferry 22869 | 33,824 | 43,563,109 | 189,731 | 1,288 | 5.61 | 230 |
| Raccoon 23620 | 38,191 | 11,407,176 | 100,029 | 299 | 2.62 | 114 |
| Raccoon 23622 | 37,650 | 13,328,145 | 133,251 | 354 | 3.54 | 100 |
| Sewickley 23630 | 32,967 | 35,413,766 | 238,154 | 1,074 | 7.22 | 149 |
| Ambridge 23635 | 30,062 | 2,588,779 | 36,158 | 86 | 1.20 | 72 |
| Phillips 23660 | 28,195 | 4,456,081 | 73,124 | 158 | 2.59 | 61 |
| Montour 23670 | 32,500 | 18,846,928 | 146,978 | 580 | 4.52 | 128 |
| Montour 23674 | 33,230 | 39,157,814 | 163,920 | 1,178 | 4.93 | 239 |
| Montour 23675 | 34,180 | 2,843,326 | 96,597 | 83 | 2.83 | 29 |
| Woodville 23683 | 42,680 | 14,378,882 | 84,439 | 337 | 1.98 | 170 |
| North 23704 | 30,200 | 6,869,636 | 39,290 | 227 | 1.30 | 175 |
| Pine Creek 23710 | 29,338 | 3,102,299 | 86,499 | 106 | 2.95 | 36 |
| Pine Creek 23715 | 31,490 | 11,596,664 | 58,809 | 368 | 1.87 | 197 |
| Wilmerding 23760 | 39,320 | 3,077,193 | 56,639 | 78 | 1.44 | 54 |
| Valley 23783 | 37,442 | 4,688,599 | 50,193 | 125 | 1.34 | 93 |
| Elwyn 23805 | 35,742 | 22,355,664 | 298,147 | 625 | 8.34 | 75 |
| Arsenal 23840 | 42,005 | 3,707,291 | 82,970 | 88 | 1.98 | 45 |
| Mount Nebo 23870 | 28,855 | 15,596,020 | 181,370 | 540 | 6.29 | 86 |
| Rankin 23880 | 46,813 | 1,635,195 | 68,383 | 35 | 1.46 | 24 |
| Plum 23902 | 21,885 | 6,953,433 | 81,044 | 318 | 3.70 | 86 |
| Logans Ferry 23920 | 38,743 | 28,058,688 | 277,158 | 724 | 7.15 | 101 |

Circuit performance is based on an annual statistical evaluation performed by a SGS Statistical Services. Scores are assigned to each circuit based on time-weighted, multi-year outage data. The composite scores include analysis of outage duration, outage frequency, mean time between failures, and customers served by each circuit.

Additionally, throughout the year, Duquesne Light's Asset Management group monitors the number of operations of automatic devices (circuit breakers, sectionalizers, reclosers, and fuses) to identify smaller pockets experiencing frequent outages. This analysis goes beyond the overall circuit level, and is a proactive method of addressing small areas before they begin to affect circuit or system performance indices. This information is used throughout the year to plan and prioritize additional reliability projects. Projects identified by this method are rolled into the work plan on an ongoing, dynamic basis.

(e)(4) Specific remedial efforts taken and planned for the circuits identified in (3)

| Circuit | Remedial Actions Planned or Taken |
|---------------------------|--|
| Midland-Cooks Ferry 22869 | Vegetation Management completed in 2002. Under review for lateral line fusing project to eliminate instantaneous breaker trips and reduce momentaries, which will allow faster problem resolution and reduce circuit exposure to vegetation issues. |
| Raccoon 23620 | Circuit D23662 is being designed to reduce exposure and connected KVA on this circuit. Overloaded step-down transformers have been addressed as well as adding capacitors to the circuit. Vegetation Management tentatively set for 2004. |
| Raccoon 23622 | Included in the 2003 circuit ownership program to investigate equipment on the circuit and make appropriate repairs. Reviewing proposed load transfer to D23621. Relieved overloaded step-down transformers. |
| Sewickley 23630 | Vegetation Management completed in 2003. Installed new sectionalizer to segment load. Piloted lateral line fusing project on this circuit and eliminated instantaneous breaker trips to reduce momentaries, allow faster problem resolution and reduce circuit |
| Ambridge 23635 | Vegetation Management completed in 2003. Under review for lateral line fusing project to eliminate instantaneous breaker trips and reduce momentaries, which will allow faster problem resolution and reduce circuit exposure to vegetation issues. |
| Montour 23670 | Part of circuit ownership program to investigate equipment on the circuit and make appropriate repairs. |
| Montour 23674 | New circuit Findlay D23613 is being installed to reduce exposure and connected KVA on this circuit. |
| Montour 23675 | New circuit Findlay D23613 is being installed to reduce exposure and connected KVA on this circuit. Relieved overloaded step-down transformers on this circuit. |
| Woodville 23683 | Vegetation Management completed in 2002. Under review for lateral line fusing project to eliminate instantaneous breaker trips and reduce momentaries, which will allow faster problem resolution and reduce circuit exposure to vegetation issues. |
| North 23704 | Vegetation Management completed in 2003. New Wildwood substation is being planned near this circuit, which will allow reduced exposure and connected KVA on this circuit. |
| Pine Creek 23710 | New circuit Pine Creek D23718 is planned to reduce exposure and connected KVA on this circuit. |
| Pine Creek 23715 | New Wildwood substation is being planned near this circuit, which will allow reduced exposure and connected KVA on this circuit. Vegetation Management tentatively set for 2004. |
| Wilmerding 23760 | New Port Perry substation is being built near this circuit, which will provide new circuit Port Perry D23970 to greatly reduce this circuit's exposure and connected KVA. |
| Valley 23783 | Vegetation Management completed in 2002. Under review for lateral line fusing project to eliminate instantaneous breaker trips and reduce momentaries, which will allow faster problem resolution and reduce circuit exposure to vegetation issues. |
| Elwyn 23805 | Vegetation Management completed in 2002. Two new South Hills circuits (D23856, D23857) were energized in 2003 to reduce exposure and connected KVA on this circuit. |
| Arsenal 23840 | Extended circuit Arsenal D23844 to reduce exposure and connected KVA from this circuit. Vegetation Management tentatively set for 2004. |
| Mount Nebo 23870 | Repaired sectionalizer that had misoperated. Vegetation Management completed in 2003. New circuit Mount Nebo D23871 is planned to reduce exposure and connected KVA on this circuit. |
| Rankin 23880 | New Homestead substation is being built near this circuit, which will provide new circuits to greatly reduce this circuit's exposure and connected load. |
| Plum 23902 | Part of the 2003 circuit ownership program to investigate equipment on the circuit and make appropriate repairs. Evergreen D23954 was energized in December 2002, which greatly reduces exposure and connected KVA. |
| Logans Ferry 23920 | Vegetation Management completed in 2002. Future distribution circuits out of Logans Ferry Substation for the Oakmont elimination and proposed California Substation will greatly reduce exposure and connected KVA |

(e)(4) (continued)

In addition to the specific circuit items mentioned above, a program to ensure that the distribution system is ready to withstand the heat and storm season was developed for implementation during the first quarter of 2003. This program's focal points included ensuring that automatic switching devices are in good working order; addressing small groups of customers experiencing repeated outages; and the development of a long-term plan for addressing underground cable failures.

As a direct result of this program, we have performed nearly 1200 preventive and corrective maintenance projects on automatic sectionalizers and reclosers, completed outage-related projects in nine neighborhoods served by stepdown transformers, and scheduled and completed three major underground maintenance projects.

(e)(5) A breakdown and analysis of outage causes during the preceding quarter, including the number and percentage of service outages 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.

July 1, 2003 through September 30, 2003

| Cause | No of Outages | Outage Percentage | KVA Total | KVA Percentage | KVA-Minute Total | KVA-Minute Percentage |
|-----------------------------|---------------|-------------------|-----------|----------------|------------------|-----------------------|
| Tree (Falling Limb or Tree) | 222 | 17.8% | 444,221 | 12.6% | 57,947,898 | 13.3% |
| Tree Growth and Contact | 83 | 6.7% | 119,822 | 3.4% | 21,056,282 | 4.8% |
| Storms | 359 | 28.8% | 1,367,146 | 38.9% | 217,073,543 | 50.0% |
| Equipment Failures | 332 | 26.7% | 1,221,486 | 34.7% | 104,296,296 | 24.0% |
| Unknown | 58 | 4.7% | 133,007 | 3.8% | 7,539,105 | 1.7% |
| Vehicles | 38 | 3.1% | 47,871 | 1.4% | 6,110,021 | 1.4% |
| Loss of Supply | 4 | 0.3% | 18,553 | 0.5% | 5,649,018 | 1.3% |
| Overload | 112 | 9.0% | 71,343 | 2.0% | 7,182,865 | 1.7% |
| Animal Contact | 11 | 0.9% | 8,802 | 0.3% | 1,232,750 | 0.3% |
| Maintenance | 3 | 0.2% | 15,753 | 0.4% | 976,498 | 0.2% |
| Overhead Contact | 6 | 0.5% | 11,651 | 0.3% | 1,471,689 | 0.3% |
| Human Error | 2 | 0.2% | 390 | 0.0% | 36,660 | 0.0% |
| Safety & Testing | 1 | 0.1% | 14,618 | 0.4% | 411,194 | 0.1% |
| Vandalism | 1 | 0.1% | 400 | 0.0% | 230,000 | 0.1% |
| Customer Req/Eqpt | 10 | 0.8% | 20,991 | 0.6% | 1,404,871 | 0.3% |
| Miscellaneous | 3 | 0.2% | 20,241 | 0.6% | 1,553,493 | 0.4% |
| Total | 1,245 | 100.0% | 3,516,294 | 100.0% | 434,172,182 | 100.0% |

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

Third Quarter 2003

Actual: \$3,191,987
Budget: \$7,125,000

September 2003 YTD

Actual: \$19,888,866
Budget: \$21,375,000

(e)(7) Quarterly and year-to-date information on budgeted versus actual transmission and distribution operation and maintenance expenditures.

Third Quarter 2003

Actual: \$22,824,665
Budget: \$22,659,808

September 2003 YTD

Actual: \$65,120,931
Budget: \$67,634,832

(e)(8) Quarterly and year-to-date information on budgeted versus actual transmission and distribution capital expenditures.

Third Quarter 2003

Actual: \$19,788,119
Budget: \$17,987,763

September 2003 YTD

Actual: \$51,828,017
Budget: \$53,900,791

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

| | |
|-----------------------------------|-----|
| Telecommunication | 33 |
| Substation | 55 |
| Underground | 66 |
| Overhead | 206 |
| Engineering | 58 |
| Service Center Tech | 15 |
| Traveling Operator/Troubleshooter | 55 |
| Metering | 47 |
| Subtotal: | 535 |
| Admin/Supervisory/Management | 515 |

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

Third Quarter 2003

| | |
|---------|-------------|
| Actual: | \$5,082,346 |
| Budget: | \$5,505,624 |

September 2003 YTD

| | |
|---------|--------------|
| Actual: | \$14,728,504 |
| Budget: | \$16,172,756 |

Note: Data regarding contractor hours is not currently available.

(e)(11) Monthly call-out acceptance rate for transmission and distribution maintenance workers.

| | | |
|----------------|-----|-----------------------------|
| July 2003 | 45% | (276 accepts, 338 refusals) |
| August 2003 | 41% | (133 accepts, 188 refusals) |
| September 2003 | 48% | (56 accepts, 61 refusals) |

LEGAL SERVICES

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November 3, 2003

L-00030161

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VIA FEDERAL EXPRESS

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

DOCUMENT

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Re: Quarterly Reliability Report of Allegheny Power

Dear Secretary McNulty:

Enclosed please find an original and six copies of the Quarterly Reliability Report of Allegheny Power. This report is filed by Federal Express and is deemed filed today, November 3, 2003. Copies have been served on the Office of Consumer Advocate and the Office of Small Business Advocate.

Very truly yours,

John L. Munsch
John L. Munsch
Attorney

cc: Thomas Sheets-PAPUC- Bureau of Audits

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Allegheny Power
Quarterly Report for Third Quarter 2003
Proposed 52 Pa. Code Sec. 57.192 Reporting Requirements

PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

This quarterly report is being submitted according to the proposed format contained in Docket No. L-00030161. The following report provides available information in the proposed format with the understanding that reporting requirements may change.

1. Description of major events during the preceding quarter.
 - a. The following Major Events occurred during the third quarter of 2003. Note that these events are excluded based upon the current operating area definition.
 - b. Major events occurred on the following dates. A description of the events is attached as Appendix V in form of final Distribution System Outage Reports as previously submitted to the Commission.
 - i. **Northwest and Northeast Regions - 7/21/2003 – 7/26/2003**
Severe thunderstorms, high winds, and tornados interrupted approximately 48,362 customers across the state. Data was excluded for the above-mentioned reported regions.
 - ii. **All Pennsylvania 8/25/2003 – 8/29/2003**
Severe thunderstorms and high winds interrupted approximately 70,875 customers across the state. Data was excluded for all Pennsylvania service centers.
 - iii. **Northeast and Southeast Regions 9/18-2003 – 9/22/2003**
High winds and heavy rains associated with the remnants of hurricane Isabel interrupted approximately 36,323 customers across the state. Data was excluded for the above-mentioned reporting areas.
 - c. To accelerate the restoration effort in all of the above events, additional internal resources from out of state and available contract labor were quickly mobilized. Allegheny Power's Restore Service Process Management Team constantly monitors the process and conducts post-event meetings in an attempt to enhance the restoration process for future events.
2. Rolling 12-month reliability index values (SAIDI, CAIDI, SAIFI, and, if available, MAIFI) for the electric distribution company's service territory for the preceding quarter.
 - a. The following table provides Pennsylvania's 12-month ending reliability statistics for month ending September 2003.

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- b. MAIFI statistics are neither recorded nor readily available at Allegheny Power. As disclosed in prior filings, sufficient field equipment is not available to provide meaningful data for momentary interruptions.

| Zone | Incidents | Interrupted Customers | Avg Cust Served | kVA | Calls | CMI | SAIDI | ASAI | CAIDI | SAIFI |
|--------------|-----------|-----------------------|-----------------|-----------|--------|-------------|-------|----------|-------|-------|
| Pennsylvania | 18380 | 755294 | 682,066 | 7,328,831 | 145689 | 159,385,793 | 234 | 0.999555 | 211 | 1.11 |

3. Rolling 12-month reliability index values for worst performing 5% of the circuits in the system.
- This report provides a listing of all Pennsylvania circuits ranking in the lowest five percent as ranked by the Distribution Circuit Interruption Index (DCII). The data is ranked by DCII and includes all of the standard indices. The report is attached as Appendix I.
 - Distribution Circuit Interruption Index is a composite index based on the SAIFI, CAIDI, SAIFI, and ASAI (see the description of the calculation of this index in Appendix IV).
4. Specific remedial efforts taken and planned for the 5% worst performing circuits.
- Allegheny's current process for addressing poor performing circuits and line segments is outlined in the Reliability Improvement Program (RIP), the details of which have been previously submitted to the Commission staff. In summary, the RIP program addresses all circuits experiencing two or more lockouts as well as any other protective device experiencing three or more lockouts/operations. Field personnel review outages on these circuits or line segments and corrective action is taken as necessary to address any immediate reliability concerns.
 - In addition to the above-mentioned process, poor performing circuits are ranked by DCII. Field personnel review these circuits quarterly. After the third quarter reporting is complete, action plans are developed for circuits requiring more comprehensive maintenance and these plans are incorporated in the next year's budgets and work plans.
5. A breakdown and analysis of outage causes during the preceding quarter.
- A summary of outage causes by customers interrupted and by customer minutes interrupted follows.
 - Note that 72% of all customer interruptions are caused by non-equipment-related causes. Also note that 95% of customers interrupted by trees are a result of trees falling from outside of the right-of-way.
 - AP's definition of tree-related outages includes those cases where trees have fallen as a result of severe weather conditions.

- d. 'Weather' definition includes weather-related outages involving lightning damage, severe snow/ice loading, extreme wind, flooding, etc. and **does not** include tree-related outages.

| Outage Cause | Customers Interrupted 12 Month ending September 03 | | Customers Minutes Interrupted 12 Month ending September 03 | |
|-----------------------------------|---|---------|---|---------|
| | Number | Percent | Number | Percent |
| Animals | 28,357 | 3.8% | 3,313,099 | 2.1% |
| Overhead Equipment Failure | | | | |
| Overhead Line Equipment | 20,945 | 2.8% | 3,625,268 | 2.3% |
| Overhead Line Material | 88,820 | 11.8% | 13,461,772 | 8.4% |
| Overhead Wire | 73,729 | 9.8% | 11,363,993 | 7.1% |
| Underground Equipment | | | | |
| Underground Line Material | 2,819 | 0.4% | 638,031 | 0.4% |
| Underground Line Equipment | 802 | 0.1% | 542,182 | 0.3% |
| Underground Cable | 12,362 | 1.6% | 3,388,875 | 2.1% |
| Service Equipment | 171 | 0.0% | 33,070 | 0.0% |
| Substation Equipment | 15,143 | 2.0% | 1,923,423 | 1.2% |
| Other | 9,771 | 1.3% | 1,713,232 | 1.1% |
| Public/Customer | 125,892 | 16.7% | 21,205,594 | 13.3% |
| Trees | | | | |
| On Right of Way | 7,874 | 1.0% | 1,488,104 | 0.9% |
| Off Right of Way | 204,261 | 27.0% | 57,149,709 | 35.9% |
| Unknown | 71,998 | 9.5% | 8,874,673 | 5.6% |
| Weather | 92,286 | 12.2% | 30,645,630 | 19.2% |
| Total | 755,230 | 100% | 159,366,655 | 100% |

6. Quarterly and year-to-date information on progress toward meeting transmission and distribution inspection and maintenance goals/objectives.
- a. A report attached as Appendix II provides a listing of updates to the planned Ensure Reliable Service work for 2003. The information is subdivided by ERS Program/Progress.
7. Quarterly and year-to-date information on budgeted versus actual transmission and distribution operation and maintenance expenditures.
- a. Allegheny Power is not able to provide actual T&D O&M expenditures at the present time. Parent company financial statements have not been closed for 2003 quarterly 10-Q filings and, as such, data is not available.
8. Quarterly and year-to-date information on budgeted versus actual transmission and distribution capital expenditures.
- a. Allegheny Power is not able to provide actual T&D O&M expenditures at the present time. Parent company financial statements have not been closed for 2003 quarterly 10-Q filings and, as such, data is not available.

9. Dedicated staffing levels for transmission and distribution operation and maintenance at the end of the quarter, in total and by specific category.
- a. Staffing levels for each quarter of 2003 follow:

| Year | Number of Linemen | Number of Electricians |
|--------------------------|-------------------|------------------------|
| 1 st qtr 2003 | 308 | 57 |
| 2 nd qtr 2003 | 310 | 58 |
| 3 rd qtr 2003 | 310 | 60 |

10. Quarterly and year-to-date information on contractor hours and dollars for transmission and distribution operation and maintenance.
- a. Allegheny Power is not able to provide actual T&D O&M expenditures at the present time. Parent company financial statements have not been closed for 2003 quarterly 10-Q filings and, as such, data is not available.
11. Monthly call-out acceptance rate for transmission and distribution workers.
- a. Attached as Appendix III is a report indicating call out acceptance for the each service center in AP Pennsylvania service territory.
- b. The monthly call-out acceptance rate does not include statistics for crewmembers who are assigned ready-response duties, where applicable.

Appendix I – Distribution Circuit Ranking

| SCName | SSName | CktName | CustServed | DCI | SAIFI | SAIDI | CAIDI | ASAI | CM | CustIntrup | CircuitLockouts | Miles |
|-----------------|----------------------|---------------------|------------|--------|-------|-------|-------|---------|-----------|------------|-----------------|-------|
| Arnold | TUNNELTON | TUNNELTON_DIST | 18 | -254.3 | 8.2 | 5,311 | 249 | 0.99690 | 35,922 | 144 | 1 | 6 |
| Arnold | KISKI VALLEY DISTRIB | LUCECOO | 420 | -112.7 | 2.7 | 2,812 | 1,042 | 0.99470 | 1,177,751 | 1,130 | 0 | 24 |
| McDonald | HICKORY | FORT CHERRY | 1106 | -86.2 | 7.3 | 1,969 | 269 | 0.99620 | 2,171,009 | 8,059 | 3 | 69 |
| St Marys | ROULETTE | BURTVILLE | 293 | -72.6 | 3.0 | 2,207 | 735 | 0.99680 | 644,210 | 876 | 2 | 25 |
| Arnold | LOGANS FERRY NO. 2 | LOGANS FERRY | 239 | -69.0 | 1.0 | 1,680 | 1,665 | 0.99680 | 401,330 | 241 | 1 | 3 |
| St Marys | ROULETTE | TOWN ROULETTE | 469 | -59.5 | 1.5 | 1,798 | 1,232 | 0.99660 | 842,514 | 684 | 1 | 20 |
| Washington | HOUSTON | MURDOCK | 1416 | -32.7 | 2.4 | 1,583 | 653 | 0.99700 | 2,239,277 | 3,431 | 0 | 14 |
| McDonald | NORTH FAYETTE | TYRE | 942 | -31.4 | 4.5 | 1,427 | 319 | 0.99730 | 1,342,208 | 4,203 | 1 | 54 |
| Hindman | HYNDMAN | RT 96 N | 660 | -31.4 | 0.1 | 161 | 2,663 | 0.99970 | 106,514 | 40 | 0 | 39 |
| Washington | HOUSTON | MCGOVERN | 1481 | -29.6 | 2.3 | 1,531 | 674 | 0.99710 | 2,269,913 | 3,366 | 0 | 67 |
| Boyce | PETERS | BEBOUT | 1034 | -27.8 | 1.5 | 1,870 | 469 | 0.99640 | 706,438 | 1,507 | 1 | 19 |
| Arnold | MATEER | DIME RD | 1130 | -21.3 | 1.9 | 1,385 | 743 | 0.99740 | 1,564,773 | 2,105 | 1 | 102 |
| Jeannette | YOUNGWOOD | ARMBRUST | 743 | -19.3 | 4.2 | 1,256 | 303 | 0.99760 | 938,938 | 3,095 | 3 | 31 |
| Pleasant Valley | DONEGAL | CHAMPION | 1117 | -17.9 | 6.1 | 953 | 156 | 0.99820 | 1,058,117 | 6,762 | 5 | 61 |
| McDonald | HICKORY | HICKORY | 874 | -16.3 | 5.1 | 1,079 | 211 | 0.99790 | 940,358 | 4,448 | 3 | 67 |
| St Marys | KANE | PENNZOIL | 329 | -7.2 | 3.9 | 1,088 | 278 | 0.99790 | 357,077 | 1,283 | 2 | 22 |
| Butler | BUENA VISTA | CHICORA | 1094 | -2.2 | 4.4 | 937 | 214 | 0.99820 | 1,027,411 | 4,810 | 4 | 51 |
| Butler | BUENA VISTA | HOCKER | 298 | -0.4 | 5.0 | 816 | 163 | 0.99840 | 243,386 | 1,491 | 4 | 22 |
| St Marys | MARVINDALE | CLERMONT | 801 | 0.3 | 2.3 | 1,095 | 474 | 0.99790 | 879,560 | 1,854 | 2 | 54 |
| Jeannette | ROBBINS | BRADDOCKS TRAIL | 1207 | 0.4 | 2.2 | 1,096 | 510 | 0.99790 | 1,322,709 | 2,583 | 2 | 26 |
| Butler | PORTERSVILLE | WEST LIBERTY | 413 | 1.1 | 4.7 | 845 | 182 | 0.99840 | 348,743 | 1,921 | 2 | 40 |
| St Marys | LARCH STREET | COMMERCIAL LARCH ST | 949 | 2.8 | 2.0 | 1,061 | 529 | 0.99800 | 1,002,527 | 1,894 | 1 | 29 |
| Washington | LAGONDA | HATHAWAY | 1018 | 4.6 | 3.1 | 984 | 320 | 0.99810 | 1,004,725 | 3,139 | 2 | 76 |
| Washington | AVELLA | W MIDDLETOWN | 1054 | 6.3 | 1.6 | 993 | 610 | 0.99810 | 1,044,549 | 1,711 | 0 | 101 |
| Arnold | SALTSBURG | BELL TOWNSHIP | 762 | 7.2 | 3.4 | 913 | 269 | 0.99830 | 683,996 | 2,580 | 1 | 41 |
| St Marys | LARCH STREET | POWER LARCH ST | 1158 | 8.6 | 1.6 | 956 | 618 | 0.99820 | 1,105,972 | 1,790 | 1 | 42 |
| Arnold | VANDERGRIFT | AIRPORT | 573 | 9.4 | 1.5 | 937 | 642 | 0.99820 | 534,976 | 833 | 1 | 22 |
| Arnold | KISKI VALLEY DISTRIB | WEINELS CROSSROADS | 1124 | 9.9 | 2.6 | 941 | 360 | 0.99820 | 1,056,541 | 2,931 | 3 | 28 |
| Uniontown | MAXWELL | MAXWELL | 221 | 10.2 | 3.2 | 889 | 280 | 0.99830 | 186,383 | 702 | 3 | 6 |
| State College | WHITEHALL | PINE GROVE MILLS | 653 | 10.4 | 4.8 | 667 | 140 | 0.99870 | 434,706 | 3,115 | 3 | 18 |
| Jefferson | RUTAN | BRISTORIA | 1162 | 10.4 | 2.3 | 948 | 416 | 0.99820 | 1,105,474 | 2,657 | 0 | 190 |
| Jeannette | WHITE VALLEY | BORLANDS RD | 636 | 11.3 | 2.8 | 909 | 331 | 0.99830 | 580,145 | 1,751 | 2 | 25 |
| Boyce | CECIL | MURRAY HILL | 1559 | 11.4 | 2.4 | 929 | 387 | 0.99820 | 1,449,862 | 3,748 | 1 | 23 |
| Washington | GALLEY | WATERDAM | 1510 | 12.2 | 1.3 | 873 | 692 | 0.99830 | 1,320,539 | 1,909 | 0 | 27 |
| Jeannette | BYERLY CREST | BLUE DELL | 1046 | 13.3 | 3.9 | 752 | 194 | 0.99860 | 785,127 | 4,048 | 3 | 17 |
| Boyce | ST. CLAIR | MCLAUGHLIN | 638 | 13.7 | 2.6 | 885 | 344 | 0.99830 | 566,499 | 1,645 | 1 | 12 |
| St Marys | MARVINDALE | MARVIN CREEK | 289 | 14.2 | 1.1 | 810 | 781 | 0.99850 | 233,601 | 307 | 1 | 19 |
| McDonald | NORTH FAYETTE | CLIFF MINE | 807 | 14.5 | 3.2 | 821 | 262 | 0.99840 | 684,988 | 2,539 | 2 | 10 |
| Waynesboro | UPTON | HEISEY | 562 | 14.9 | 4.0 | 701 | 177 | 0.99870 | 400,128 | 2,266 | 2 | 48 |

Appendix II – Goals Progress

| 2003 Goals - Pennsylvania - Complete Planned ERS Work Results as of: October 1 | | | | | | |
|---|--|-----------------|----------------------|---------------|---------------------|----------------------------|
| ERS Program/Project | Unit of Measurement | Target for 2003 | Actual Completed YTD | % Completed | % of Total ERS Goal | % Earned of Total ERS Goal |
| Forestry ERS Goals | | | | | | |
| Transmission Herbicide Application | # Transmission Lines | 12 | 11 | 91.7% | 3.1% | 2.8% |
| Transmission Lines Trimming and Cleaning | # Transmission Lines | 52 | 19 | 36.5% | 3.2% | 1.2% |
| Subtransmission Herbicide Application | # of Subtransmission Lines | 74 | 51 | 68.9% | 3.1% | 2.1% |
| Subtransmission Line Trimming and Cleaning | # of Subtransmission Lines | 100 | 51 | 51.0% | 3.1% | 1.6% |
| Distribution Line Trimming, Cleaning & Herbicide Applic | # of Distribution Line Miles | 7,577 | 5,678 | 74.9% | 25.0% | 18.7% |
| Subtotal - Forestry ERS Goals | | | | 70.6% | 37.5% | 26.5% |
| Transmission Lines ERS Goals | | | | | | |
| Major ERS Projects | # Projects (weighted on \$ estimate) | 10 | 9 | 99.9% | 15.7% | 15.7% |
| Transmission Comprehensive Patrol | # Transmission Lines | 1 | 1 | 100.0% | 0.9% | 0.9% |
| Transmission General Patrol | # Transmission Lines | 117 | 117 | 100.0% | 0.7% | 0.7% |
| Ground & Footer Inspections | # Transmission Lines | 1 | 0 | 0.0% | 0.3% | 0.0% |
| Pole Inspection | # Transmission Lines | 0 | 0 | 0.0% | 0.0% | 0.00% |
| Pole Reinforcements | # Transmission Line Poles | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Pole Replacements | # Poles | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Critical Transmission Repairs | # Critical Items | 3 | 3 | 100.0% | 0.5% | 0.5% |
| Priority Transmission Repairs | # Critical Items | 9 | 6 | 66.7% | 0.5% | 0.3% |
| Non-Critical Transmission Repairs | # Non-Critical Items (identified in 2001 & before) | 44 | 14 | 31.8% | 2.3% | 0.7% |
| Transmission Tower Painting | # Towers | 0 | 0 | N/A | N/A | N/A |
| Subtotal - Transmission Lines ERS Goals | | | | 90.2% | 20.9% | 18.86% |
| Substation ERS Goals | | | | | | |
| SS Work (includes Capital, Planned, & Preventative) | Man-Hours | 67,088 | 42,572 | 63.5% | 11.4% | 7.2% |
| SS Spraying | # of substations | 620 | 620 | 100.0% | 0.2% | 0.1% |
| Controls Work (includes Cap., Planned, & Preventative) | Man-Hours | 12,218 | 7,484 | 61.3% | 2.5% | 1.5% |
| Subtotal - Substation ERS Goals | | | | 63.1% | 14.1% | 6.9% |
| OH Distribution Lines ERS Goals | | | | | | |
| Subtransmission General Patrol | # Subtransmission Lines | 333 | 333 | 100.0% | 0.2% | 0.2% |
| Individual ERS Budget Projects | Man-Hours | 10,726 | 5,233 | 59.1% | 3.0% | 1.7% |
| Small Planning Projects | Man-Hours | 29,570 | 16,961 | 59.4% | 9.2% | 5.5% |
| Steel Wire Replacement | Line Miles | 0 | 0 | N/A | N/A | N/A |
| Pole Inspection | # of Circuits | 82 | 78 | 95.1% | 3.3% | 3.1% |
| Pole Reinforcement | # of Poles | 301 | 82 | 27.2% | 0.3% | 0.1% |
| Ranger Poles | # Danger Poles | 158 | 117 | 74.1% | 0.7% | 0.5% |
| Reject Poles | # Reject Poles | 279 | 147 | 52.7% | 1.4% | 0.7% |
| AIM Work | Points Completed | 3,310 | 2,592 | 78.3% | 0.3% | 0.2% |
| RIP Program | mhrs | 15,893 | 1,271 | 7.8% | 3.3% | 0.3% |
| UG Equipment Inspections | # Locations | 6,698 | 6,408 | 93.0% | 0.3% | 0.3% |
| Recloser Inspections | # Reclosers | 3,067 | 2,410 | 78.6% | 0.5% | 0.5% |
| Regulator Inspections | # Regulators | 175 | 155 | 88.6% | 0.3% | 0.3% |
| Capacitors Inspections | # Capacitors | 1,228 | 1,202 | 97.9% | 0.3% | 0.3% |
| Recloser Replacements | # Reclosers | 193 | 138 | 71.5% | 0.3% | 0.2% |
| Structural Maintenance - Street Lights | # Street Lights | 22,058 | 12,398 | 56.2% | 3.0% | 1.7% |
| Subtotal - Overhead Distribution Lines ERS Goals | | | | 68.2% | 26.5% | 15.4% |
| UGD Distribution Lines ERS Goals | | | | | | |
| Pad Mount Transformer Painting | # Pad Mount Transformers | 0 | 0 | 0.0% | 0.4% | 0.0% |
| UGD Cable Replacement | feet of conductor replaced | 11,475 | 3,390 | 57.6% | 0.4% | 0.2% |
| Cable Injection | feet of conductor injected | 54,122 | 54,122 | 100.0% | 0.6% | 1.0% |
| Subtotal - Underground Distribution Lines ERS Goals | | | | 119.7% | 1.0% | 1.2% |
| % Planned ERS Work Completed YTD: | | | | | | 70.8% |

11/3/2003

Appendix III – Callout Acceptance

| Allegheny Power 2003 | | | | | | | | | | | | | | | |
|-------------------------|---------------|-------------|------------|---------------|-------------|------------|---------------|-------------|------------|---------------|-------------|---------|--------------|-------------|------------|
| Pennsylvania Local 102 | | | | | | | | | | | | | | | |
| Linemen | | | | | | | | | | | | | | | |
| Service Center | Jan, Feb, Mar | | | Apr, May, Jun | | | Jul, Aug, Sep | | | Oct, Nov, Dec | | | YTD | | |
| | No. of Calls | Nb Accepted | Average | No. of Calls | Nb Accepted | Average | No. of Calls | Nb Accepted | Average | No. of Calls | Nb Accepted | Average | No. of Calls | Nb Accepted | Average |
| Arnold | 396 | 143 | 36% | 753 | 157 | 21% | 526 | 132 | 25% | 0 | 0 | | 1675 | 432 | 26% |
| Boyce | 407 | 136 | 33% | 620 | 162 | 26% | 722 | 140 | 19% | 0 | 0 | | 1749 | 438 | 25% |
| Butler | 378 | 161 | 43% | 519 | 169 | 33% | 655 | 177 | 27% | 0 | 0 | | 1552 | 507 | 33% |
| Charleroi | 504 | 165 | 33% | 692 | 222 | 32% | 737 | 177 | 24% | 0 | 0 | | 1933 | 564 | 29% |
| Clairton | 113 | 48 | 42% | 108 | 38 | 35% | 85 | 36 | 42% | 0 | 0 | | 306 | 122 | 40% |
| Jeannette | 838 | 166 | 20% | 829 | 153 | 18% | 1319 | 181 | 14% | 0 | 0 | | 2966 | 500 | 17% |
| Jefferson | 387 | 80 | 21% | 602 | 130 | 22% | 576 | 117 | 20% | 0 | 0 | | 1555 | 327 | 21% |
| Kittanning | 93 | 38 | 41% | 178 | 67 | 38% | 217 | 81 | 37% | 0 | 0 | | 488 | 186 | 38% |
| Latrobe | 485 | 127 | 26% | 606 | 141 | 23% | 879 | 164 | 19% | 0 | 0 | | 1970 | 432 | 22% |
| McConnellsburg | 97 | 53 | 55% | 125 | 60 | 48% | 99 | 39 | 39% | 0 | 0 | | 321 | 152 | 47% |
| McDonald | 208 | 47 | 23% | 267 | 40 | 15% | 311 | 58 | 19% | 0 | 0 | | 786 | 145 | 18% |
| Pleasant Valley | 260 | 61 | 23% | 418 | 67 | 16% | 238 | 57 | 24% | 0 | 0 | | 916 | 185 | 20% |
| St. Mary's | 126 | 34 | 27% | 149 | 43 | 29% | 198 | 54 | 27% | 0 | 0 | | 473 | 131 | 28% |
| State College | 295 | 67 | 23% | 599 | 91 | 15% | 873 | 113 | 13% | 0 | 0 | | 1767 | 271 | 15% |
| Uniontown | 494 | 132 | 27% | 521 | 153 | 29% | 419 | 140 | 33% | 0 | 0 | | 1434 | 425 | 30% |
| Washington | 961 | 104 | 11% | 881 | 139 | 16% | 991 | 110 | 11% | 0 | 0 | | 2833 | 353 | 12% |
| Waynesboro | 530 | 122 | 23% | 862 | 175 | 20% | 817 | 162 | 20% | 0 | 0 | | 2209 | 459 | 21% |
| Total AP Average | 6572 | 1684 | 26% | 8729 | 2007 | 23% | 9662 | 1938 | 20% | 0 | 0 | | 24963 | 5629 | 23% |

| Electricians | | | | | | | | | | | | | | | |
|-------------------------|---------------|-------------|------------|---------------|-------------|------------|---------------|-------------|------------|---------------|-------------|---------|--------------|-------------|------------|
| Service Center | Jan, Feb, Mar | | | Apr, May, Jun | | | Jul, Aug, Sep | | | Oct, Nov, Dec | | | YTD | | |
| | No. of Calls | Nb Accepted | Average | No. of Calls | Nb Accepted | Average | No. of Calls | Nb Accepted | Average | No. of Calls | Nb Accepted | Average | No. of Calls | Nb Accepted | Average |
| Arnold | 47 | 27 | 57% | 62 | 34 | 55% | 63 | 37 | 59% | 0 | 0 | | 172 | 98 | 57% |
| Boyce | 16 | 11 | 69% | 25 | 18 | 72% | 40 | 22 | 55% | 0 | 0 | | 81 | 51 | 63% |
| Butler | 32 | 15 | 47% | 47 | 18 | 38% | 36 | 20 | 53% | 0 | 0 | | 117 | 53 | 45% |
| Charleroi | 55 | 23 | 42% | 45 | 23 | 51% | 39 | 18 | 46% | 0 | 0 | | 139 | 64 | 46% |
| Jeannette | 15 | 6 | 40% | 30 | 10 | 33% | 49 | 14 | 29% | 0 | 0 | | 94 | 30 | 32% |
| Jefferson | 30 | 16 | 53% | 89 | 34 | 38% | 102 | 34 | 33% | 0 | 0 | | 221 | 84 | 38% |
| Kittanning | 15 | 10 | 67% | 12 | 8 | 67% | 25 | 18 | 72% | 0 | 0 | | 52 | 36 | 69% |
| Latrobe | 37 | 10 | 27% | 45 | 9 | 20% | 50 | 17 | 34% | 0 | 0 | | 132 | 36 | 27% |
| Pleasant Valley | 53 | 13 | 25% | 58 | 18 | 31% | 30 | 7 | 23% | 0 | 0 | | 141 | 38 | 27% |
| St. Mary's | 10 | 8 | 80% | 29 | 16 | 55% | 20 | 12 | 60% | 0 | 0 | | 59 | 36 | 61% |
| State College | 23 | 12 | 52% | 29 | 13 | 45% | 54 | 20 | 37% | 0 | 0 | | 106 | 45 | 42% |
| Washington | 38 | 11 | 29% | 35 | 13 | 37% | 77 | 22 | 29% | 0 | 0 | | 150 | 46 | 31% |
| Waynesboro | 38 | 16 | 42% | 48 | 20 | 42% | 75 | 39 | 52% | 0 | 0 | | 161 | 75 | 47% |
| Total AP Average | 409 | 178 | 44% | 554 | 234 | 42% | 662 | 280 | 42% | 0 | 0 | | 1625 | 692 | 43% |

| | | | | | | | | | | | | | | | |
|----------------------------------|-------------|-------------|------------|-------------|-------------|------------|--------------|-------------|------------|----------|----------|--|--------------|-------------|------------|
| Total Combined AP Average | 6981 | 1862 | 27% | 9283 | 2241 | 24% | 10324 | 2218 | 21% | 0 | 0 | | 26688 | 6321 | 24% |
|----------------------------------|-------------|-------------|------------|-------------|-------------|------------|--------------|-------------|------------|----------|----------|--|--------------|-------------|------------|

Appendix IV – Sample DCII Calculation

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

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

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

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

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

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

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

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

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

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

Appendix V – Major Event Descriptions

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

1. Northwest and Northeast Regions - 7/21/2003 – 7/26/2003
2. All Pennsylvania 8/25/2003 – 8/29/2003
3. Northeast and Southeast Regions 9/18-2003 – 9/22/2003

DISTRIBUTION SYSTEM OUTAGE REPORT
FORM 30-220 REV. 4

| | |
|--|-----------------------|
| REPORT TYPE <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Courtesy* | STATE Pennsylvania |
|--|-----------------------|

| | |
|------------------------------|---|
| COMPANY Allegheny Power | ADDRESS 800 Cabin Hill Drive, Greensburg, PA 15601 |
| PHONE NUMBER 724-838-6841 | FAX NUMBER 724-838-6976 |

| | | |
|--------------------|--------------------------|------------------------------|
| REPORTED BY | NAME John Shaner | TITLE Restoration Manager |
| | REPORT DATE 7/25/2003 | TIME 09:00 |

| | | | | |
|--|--|---------------|--|------------------------------------|
| INITIAL INTERRUPTION REPORT | DATE 07/21/2003 | TIME 14:00 | NO. OF CUSTOMERS AFFECTED 21,625 | NO. OF CUSTOMERS RESTORED 5,949 |
| | COUNTIES AFFECTED <input type="checkbox"/> Allegheny <input checked="" type="checkbox"/> Armstrong <input type="checkbox"/> Bedford <input checked="" type="checkbox"/> Butler <input checked="" type="checkbox"/> Cameron <input checked="" type="checkbox"/> Centre <input checked="" type="checkbox"/> Clarion <input type="checkbox"/> Clinton <input checked="" type="checkbox"/> Elk <input checked="" type="checkbox"/> Fayette <input type="checkbox"/> Franklin <input type="checkbox"/> Fulton <input checked="" type="checkbox"/> Greene <input type="checkbox"/> Indiana <input type="checkbox"/> Jefferson <input type="checkbox"/> Lycoming <input type="checkbox"/> McKean <input checked="" type="checkbox"/> Potter <input type="checkbox"/> Somerset <input checked="" type="checkbox"/> Washington <input checked="" type="checkbox"/> Westmoreland | | | |
| | REMARKS Storms and high winds cause outages in Pennsylvania. St. Mary's and Butler have the highest number of customers out at this time. St. Mary 's: 10,148; Butler: 6,433; Clarion: 2,724. At this time, the estimated restoration time is 7/22/03 at 11:00. We are securing outside crews to assist with the restoration. Revised 07/23/03 @ 1530 - Weather Service is reporting winds over 100mph with possible F1 tornado and micro burst in Potter County with a F3 (winds over 160) reported in Coudersport. | | | |
| | PROJECTED RESTORATION DATE Revised - 07/25/2003 | | PROJECTED RESTORATION TIME Revised - 1600 | |

| | | | | |
|-------------------------------|---|--------------|----------------------------------|-------------------------------------|
| INFORMATION UPDATE | DATE 7/25/03 | TIME 0900 | NO. OF CUSTOMERS AFFECTED 342 | NO. OF CUSTOMERS RESTORED 46,061 |
| | REMARKS St. Mary's Estimated Time of Restoration has been changed to Friday 07-25-03 at 1600. There is a very good possibility that this time will be earlier in the day. Presently we have 31 cases of trouble affecting 342 customers. As of 07/24/03 at 2400 all primary was repaired and we started a media campaign to have customer who are out to call back in and we inturn are calling know customers who are out to confirm. Most cases are transformers and services at this point. Helicopter patrol was done again on 07/24/03 to assure total damage assessment was done. In turn that has moved our ETR up from 1900 to 1600. | | | |

| | DATE | TIME | NO. OF CUSTOMERS AFFECTED | TOTAL CUSTOMERS RESTORED |
|------------------------------|---------|------|---------------------------|--------------------------|
| FINAL RESTORATION | REMARKS | | | |

**This report is prepared and sent as information only for customer outages. At this time, this event does not meet the criteria for formal submission.*



DISTRIBUTION SYSTEM OUTAGE REPORT
FORM 30-220 REV. 4

| | |
|--|-----------------------|
| REPORT TYPE <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Courtesy* | STATE Pennsylvania |
|--|-----------------------|

| | |
|------------------------------|---|
| COMPANY Allegheny Power | ADDRESS 800 Cabin Hill Drive, Greensburg, PA 15601 |
| PHONE NUMBER 724-838-6841 | FAX NUMBER 724-838-6976 |

| | | |
|--------------------|-------------------------|------------------------------|
| REPORTED BY | NAME John Shaner | TITLE Restoration Manager |
| | REPORT DATE 08-29-03 | TIME 1400 |

| | | | | |
|------------------------------------|--|--------------|-------------------------------------|------------------------------------|
| INITIAL INTERRUPTION REPORT | DATE 08-26-03 | TIME 1330 | NO. OF CUSTOMERS AFFECTED 24,297 | NO. OF CUSTOMERS RESTORED 4,933 |
| | COUNTIES AFFECTED <input type="checkbox"/> Allegheny <input checked="" type="checkbox"/> Armstrong <input checked="" type="checkbox"/> Bedford <input checked="" type="checkbox"/> Butler <input type="checkbox"/> Cameron <input type="checkbox"/> Centre <input checked="" type="checkbox"/> Clarion <input type="checkbox"/> Clinton <input type="checkbox"/> Elk <input type="checkbox"/> Fayette <input checked="" type="checkbox"/> Franklin <input checked="" type="checkbox"/> Fulton <input type="checkbox"/> Greene <input type="checkbox"/> Indiana <input type="checkbox"/> Jefferson <input type="checkbox"/> Lycoming <input type="checkbox"/> McKean <input type="checkbox"/> Potter <input type="checkbox"/> Somerset <input type="checkbox"/> Washington <input checked="" type="checkbox"/> Westmoreland | | | |
| | REMARKS Line of severe storms moved through Pennsylvania accompanied by wind gusts of up to 65 mph, hail to 1", and intense lightning. | | | |
| | PROJECTED RESTORATION DATE 08-27-03 | | PROJECTED RESTORATION TIME 2200 | |

| | | | | |
|---------------------------|---------|------|---------------------------|---------------------------|
| INFORMATION UPDATE | DATE | TIME | NO. OF CUSTOMERS AFFECTED | NO. OF CUSTOMERS RESTORED |
| | REMARKS | | | |

| | | | | |
|--------------------------|--|--------------|---------------------------------|------------------------------------|
| FINAL RESTORATION | DATE 08-29-03 | TIME 1400 | NO. OF CUSTOMERS AFFECTED 71 | TOTAL CUSTOMERS RESTORED 70,799 |
| | REMARKS Jefferson (Greene County) has 67 customers affected and Kittanning has 4 customers affected. Overall estimated time of restoration, pending no further weather events, is 08-29-03 at 1800. Weather reports are indicating a chance of severe thunderstorms this afternoon. | | | |

*This report is prepared and sent as information only for customer outages. At this time, this event does not meet the criteria for formal submission.



DISTRIBUTION SYSTEM OUTAGE REPORT
FORM 30-220 REV. 4

| | |
|--|-----------------------|
| REPORT TYPE <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Courtesy* | STATE Pennsylvania |
|--|-----------------------|

| | |
|------------------------------|---|
| COMPANY Allegheny Power | ADDRESS 800 Cabin Hill Drive, Greensburg, PA 15601 |
| PHONE NUMBER 724-838-6841 | FAX NUMBER 724-838-6976 |

| | | |
|--------------------|-------------------------|------------------------------|
| REPORTED BY | NAME John Shaner | TITLE Restoration Manager |
| | REPORT DATE 09-22-03 | TIME 0600 |

| | | | | |
|------------------------------------|--|--------------|------------------------------------|-----------------------------------|
| INITIAL INTERRUPTION REPORT | DATE 09-19-2003 | TIME 0600 | NO. OF CUSTOMERS AFFECTED 14311 | NO. OF CUSTOMERS RESTORED 5042 |
| | COUNTRIES AFFECTED <input type="checkbox"/> Allegheny <input type="checkbox"/> Armstrong <input type="checkbox"/> Bedford <input type="checkbox"/> Butler <input type="checkbox"/> Cameron <input type="checkbox"/> Centre <input type="checkbox"/> Clarion <input type="checkbox"/> Clinton <input type="checkbox"/> Elk <input type="checkbox"/> Fayette <input type="checkbox"/> Franklin <input type="checkbox"/> Fulton <input type="checkbox"/> Greene <input type="checkbox"/> Indiana <input type="checkbox"/> Jefferson <input type="checkbox"/> Lycoming <input type="checkbox"/> McKean <input type="checkbox"/> Potter <input type="checkbox"/> Somerset <input type="checkbox"/> Washington <input type="checkbox"/> Westmoreland | | | |
| | REMARKS AP continues to move repair crews into the affected areas in other states to assist the restoration effort. | | | |
| | PROJECTED RESTORATION DATE September 21, 2003 | | PROJECTED RESTORATION TIME 2000 | |

| | | | | |
|---------------------------|--|--------------|--------------------------------|-------------------------------------|
| INFORMATION UPDATE | DATE 9-22-2003 | TIME 0600 | NO. OF CUSTOMERS AFFECTED 0 | NO. OF CUSTOMERS RESTORED 36,289 |
| | REMARKS AP has restored all Pennsylvania customers affected by Hurricane Isabel. The final Pennsylvania Service Center completed restoration on 9/21/2003 at 10:16 AM. AP is continuing to participate in Mid-Atlantic, SEE and New York Utilites Conference calls. System wide we have 17,004 customers still out - AP has restored 210,094 across four states (Maryland, Pennsylvania, Virginia and West Virginia). THIS WILL BE ALLEGHENY POWER'S FINAL REPORT FOR PENNSLVANIA FOR THIS EVENT | | | |

| | | | | |
|--------------------------|--|--------------|--------------------------------|------------------------------------|
| FINAL RESTORATION | DATE 09/22/2003 | TIME 0600 | NO. OF CUSTOMERS AFFECTED 0 | TOTAL CUSTOMERS RESTORED 36,289 |
| | REMARKS Presently we have all outages restored in Pennsylvania. Our last Pennsylvania Service Center closed on 9/21/2003 10:42 PM. System wide we have 17,004 customers still out - AP has restored 210,094 across four states (Maryland, Pennsylvania, Virginia and West Virginia). | | | |

*This report is prepared and sent as information only for customer outages. At this time, this event does not meet the criteria for formal submission.



**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

CERTIFICATE OF SERVICE

I certify that this 3rd day of November, 2003, I have served a true and correct copy of the Quarterly Reliability Report of Allegheny Power, by first-class mail, postage prepaid, upon the following:

VIA FIRST-CLASS MAIL

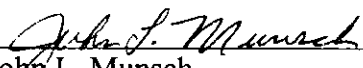
Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1921

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

RECEIVED

NOV 03 2003

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU



John L. Munsch
Attorney for
ALLEGHENY POWER

FirstEnergy ORIGINAL RECEIVED

November 3, 2003

NOV 03 2003

James J. McNulty, Secretary
Pennsylvania Public Utility Commission
PO Box 3265
Harrisburg, PA17120

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Re: Joint 3rd Quarter 2003 Reliability Report – Pennsylvania Power Company,
Metropolitan Edison Company and Pennsylvania Electric Company
Docket No. L-00030161

DOCUMENT

Dear Mr. McNulty,

Enclosed for filing on behalf of Pennsylvania Power Company, Metropolitan Edison Company and Pennsylvania Electric Company (collectively, "Companies") are an original and nine (9) copies of their Joint 3rd Quarter 2003 Reliability Report. This Joint Report is being provided pursuant to the Secretarial Letter dated September 8, 2003. Please note that this filing is without prejudice and subject to the Companies' Original and Reply Comments previously submitted in response to the Commission's Tentative Reliability Order and the Companies prospective comments in the Commission's pending Reliability Rulemaking proceeding.

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

Sincerely,



Eric J. Dickson
Operations Manager

118

Pennsylvania Power Company, Pennsylvania Electric Company
 and Metropolitan Edison Company
 3rd Quarter Report 2003
 Reliability Regulations at 52 Pa. Code Chapter 57
 Docket No. L-00030161

The following Joint Report is filed on behalf of Pennsylvania Power Company ("Penn Power"), Pennsylvania Electric Company ("Penelec") and Metropolitan Edison Company ("Met-Ed") for the third quarter of 2003.

1) Rolling 12-Month System Reliability Performance Indices

For the purposes of this Joint Report, all reliability reporting is based upon the Pennsylvania Public Commission's definitions for "momentary outages" and "major events" (outage data excluded as a result of significant events).

The major storm criteria are determined by having 10% of Met-Ed, Penn Power and Penelec's customers out of service for 5 minutes or longer. *It should be noted that the MAIFI numbers and the process for collecting this data are still in the development stage. The 12-month rolling Reliability Performance Indices through September 2003 are as follows:*

| | Penn Power * | Penelec ** | Met-Ed |
|-------------------------|---------------------|-------------------|----------------|
| SAIFI | 1.55 | 1.85 | 1.24 |
| CAIDI | 117 | 138 | 123 |
| SAIDI | 181 | 256 | 153 |
| Customers Served | 154,100 | 584,300 | 511,900 |

* Several weather events during August had a negative impact on the reliability indices for Penn Power.

** Although not a major storm, on January 1, 2003 a 4 day ice storm affected over 36,000 customers causing a negative impact on SAIFI, CAIDI and SAIDI.

2) Rolling 12-Month Circuit Reliability Performance

The rolling 12-month and year to date ("YTD") number of circuits (as a percent of the total number of circuits) meeting the Circuit Reliability Index ("CRI") criteria of 130 or less through September 2003 are as follows:

| | Circuits with CRI of 130 or Less (*) | Circuits with CRI of 130 or Less YTD (*) |
|-------------------|---|---|
| Penn Power | 72% | 77% |
| Penelec | 64% | 75% |
| Met-Ed | 59% | 74% |

(*) The Companies are continuing to review and correct the CRI data to ensure accuracy. These data issues are expected to be resolved by the end of the year.

DOCKETED
 NOV 06 2003

DOCUMENT

3) Third Quarter Major Event Information

| | Customers Affected | Major Event | Description |
|-------------------|---------------------------|--|-------------------------------------|
| Penn Power | | | |
| | 23,200 | 7/4 @ 1410 hrs through 7/7 @ 2100 hrs | High winds/lightning |
| | 17,077 | 7/8 @ 0457 hrs through 7/10 @ 0340 hrs | High winds/lightning |
| | 28,000 | 7/21 @ 1300 hrs through 7/24 @ 2400 hrs | Thunderstorms/high winds /lightning |
| Penelec | Customers Affected | Major Event | Description |
| | 149,000 | 7/21 @ 1300 hrs through 7/28 @ 23:59 hrs | Thunderstorms/high winds /lightning |
| | 44,500 | 8/26 @ 100 hrs through 8/28 1739 hrs | Thunderstorms/high winds /lightning |
| | 73,000 | 9/18 @ 1700 hrs through 9/22 @ 1637 hrs | Hurricane Isabel |
| Met-Ed | | | |
| | 75,000 | 7/21 @ 1834 hrs through 7/24 @ 2400 hrs | Thunderstorms/high winds /lightning |
| | 289,000 | 9/18 @ 1500 hrs through 7/24 @ 2400 hrs | Hurricane Isabel |

4) Rolling 12-Month Reliability Indices for the Worst 5% of the System Circuits:

Each of the Companies' worst performing circuits is listed with remedial action planned/taken in Attachment A to this Joint Report.

5) Inspection and Maintenance Goals:

| Quarterly Reliability Report Third Quarter 2003 | | | | | | |
|--|------------------------------------|---------------------|--|---------------------|-------------------------|---------------------|
| Program/Project | Penn Power | | Penelec | | Met-Ed | |
| | | | | | | |
| <i>Forestry (a)</i> | Transmission | Distribution | Transmission | Distribution | Transmission | Distribution |
| Scheduled (Annual) | 350 Acres | 1200 Miles | 5837 Acres | 4772 Miles | 1714 Acres | 4967 Miles |
| Completed | 150 Acres | 950 Miles | 6276 Acres | 3332 Miles | 1150 Acres | 2479 Miles (b) |
| | | | | | | |
| <i>Transmission (e)</i> | | | | | | |
| Aerial Patrols (2/yr) | Spring & fall patrol 100% complete | | Spring patrol completed. Fall patrol 40% complete. | | Spring patrol completed | |
| Groundline Inspections | Completed | | None scheduled (c) | | None scheduled (c) | |
| Radio-Controlled Switches | Not Applicable | | 570 | | 4 | |
| Expenditures | YTD Budget | YTD Actual | YTD Budget | YTD Actual | YTD Budget | YTD Actual |

| | | | | | | |
|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Capital | \$54,000 | \$91,000 | \$3,164,000 | \$1,708,000 | \$2,263,000 | \$943,000 |
| O&M | \$188,000 | \$204,000 | \$6,510,000 | \$4,947,000 | \$4,952,000 | \$4,152,000 |
| <i>Substation (e)</i> | | | | | | |
| General Inspections | 702 | | 4,345 | | 1,607 | |
| Transformers (d) | 19 | | 364 | | 109 | |
| Breakers (d) | 92 | | 305 | | 170 | |
| Relay Schemes (d) | 280 | | 328 | | 504 | |
| Expenditures | YTD Budget | YTD Actual | YTD Budget | YTD Actual | YTD Budget | YTD Actual |
| Capital | \$699,000 | \$981,000 | \$11,630,000 | \$11,727,000 | \$6,927,000 | \$4,141,000 |
| O&M | \$888,000 | \$1,718,000 | \$1,897,000 | \$4,833,000 | \$1,550,000 | \$3,354,000 |
| <i>Distribution (e)</i> | | | | | | |
| Recloser Inspection (Qtrly) | 1st Qtr. | 100% | 1st Qtr. | 100% | 1st Qtr. | 98% |
| | 2nd Qtr. | 100% | 2nd Qtr. | 100% | 2nd Qtr. | 99% |
| | 3rd Qtr. | 51% | 3rd Qtr. | 100% | 3rd Qtr. | 100% |
| | 4th Qtr. | | 4th Qtr. | | 4th Qtr. | |
| Capacitor Inspection (Annual) | 67% | | 100% | | 98% | |
| Expenditures | YTD Budget | YTD Actual | YTD Budget | YTD Actual | YTD Budget | YTD Actual |
| Capital | \$8,772,000 | \$7,816,000 | \$28,893,000 | \$22,473,000 | \$29,739,000 | \$21,216,000 |
| O&M | \$11,706,000 | \$14,036,000 | \$38,811,000 | \$44,223,000 | \$28,848,000 | \$33,771,000 |

- a) FirstEnergy's vegetation management program was implemented in 2002 in both Penelec and Met-Ed to ultimately achieve a 4-year distribution and a 5-year transmission cycle. During 2002, Independent Tree Company, a significant contractor employed by Met-Ed, went bankrupt affecting the company's scheduled work in 2002. The circuits not completed in 2002 have been rescheduled for clearance in 2003. Met-Ed and Penelec still anticipate achieving the 4 and 5 year clearance cycles by year-end 2004.
- b) Completed work has been negatively impacted by the reduced availability of tree contracting personnel (see note a) above). We are working with our contractors to develop action plans to assure timely completion of scheduled work.
- c) There were no transmission groundline inspections scheduled for 2003 for Penelec and Met-Ed in order to transition from a 10-year schedule formerly employed by GPU to the FirstEnergy practice of a 15-year schedule.
- d) The completed substation maintenance of major equipment is reported as completed work only. We are in the process of transitioning from the former GPU maintenance cycles and practices to those of FirstEnergy. It should be noted that this transition of data is extremely complex and that FirstEnergy will be working through the details throughout 2003.
- e) Maintenance units are shown as actual work completed only. Planned maintenance activities are still being refined in SAP to reflect changes in the FirstEnergy Preferred Practices and also as necessary due to the implementation of the new version of SAP to enhance maintenance tracking.

6) Staffing Levels – T&D Operation and Maintenance (Line & Substation – Physical Workers):

| | Staffing |
|-------------------|----------|
| Penn Power | 91 |
| Penelec | 399 |
| Met-Ed | 269 |

7) Contractor Expenses:

| | Contractor Expense* |
|-------------------|----------------------------|
| Penn Power | \$2,110,000 |
| Penelec | \$3,811,000 |
| Met-Ed | \$3,288,000 |

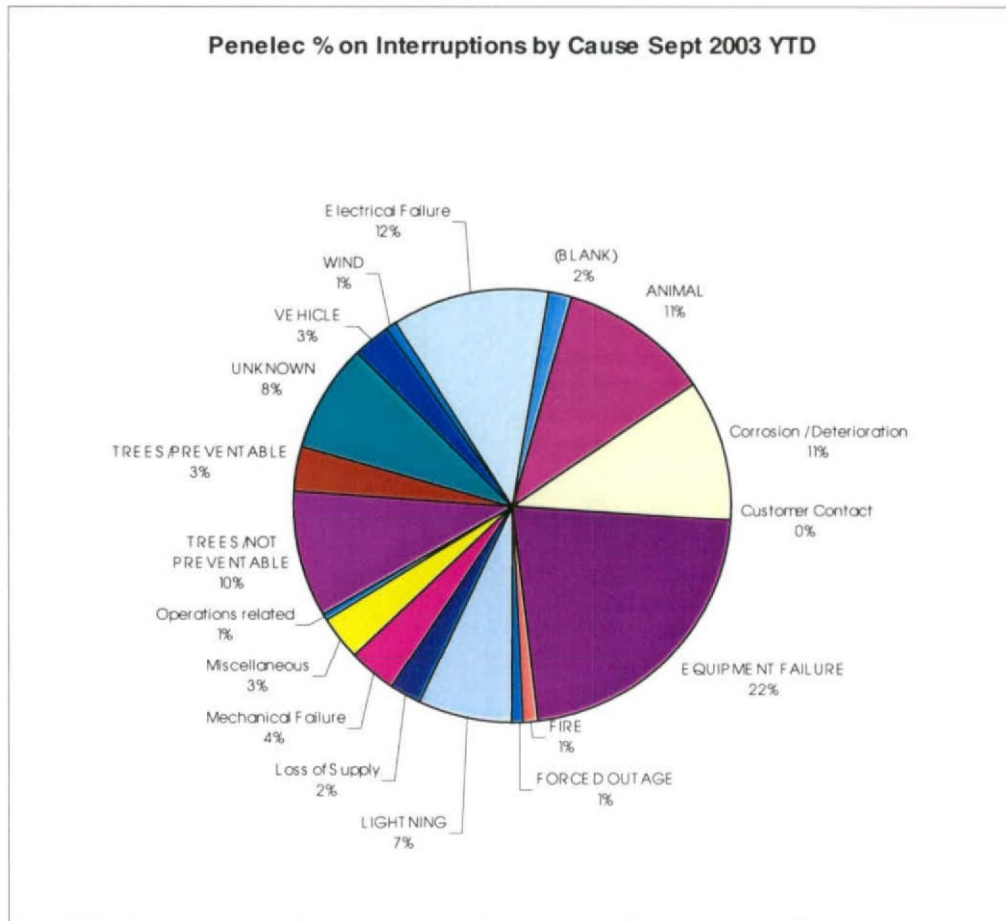
* Includes charges for vegetation management, emergency work, including labor, hotels, meals, etc. which are billed on a lump sum basis and for which hourly information is not readily available.

8) Call-out Acceptance Rate:

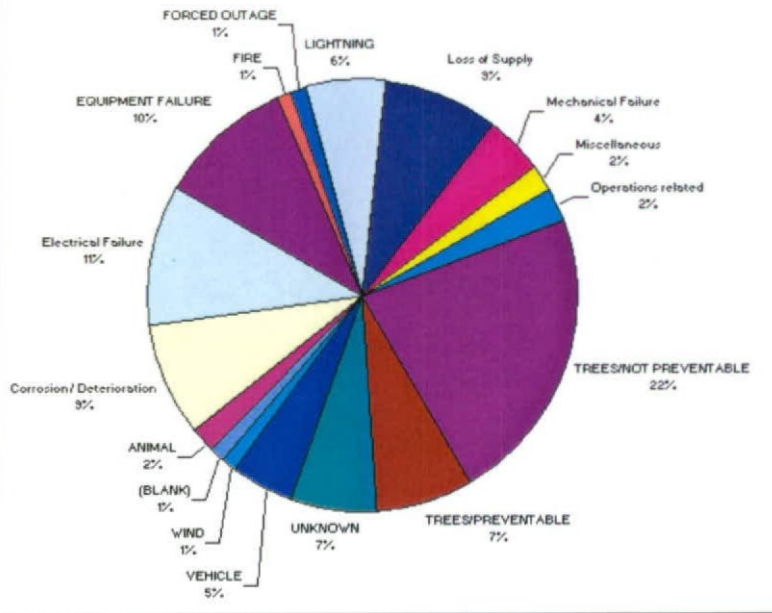
| | Call-out Acceptance Rate – YTD - September |
|-------------------|---|
| Penn Power | 71% |
| Penelec | 59% |
| Met-Ed | 45% |

Call-out rate is defined as the number of positive responses to total calls.

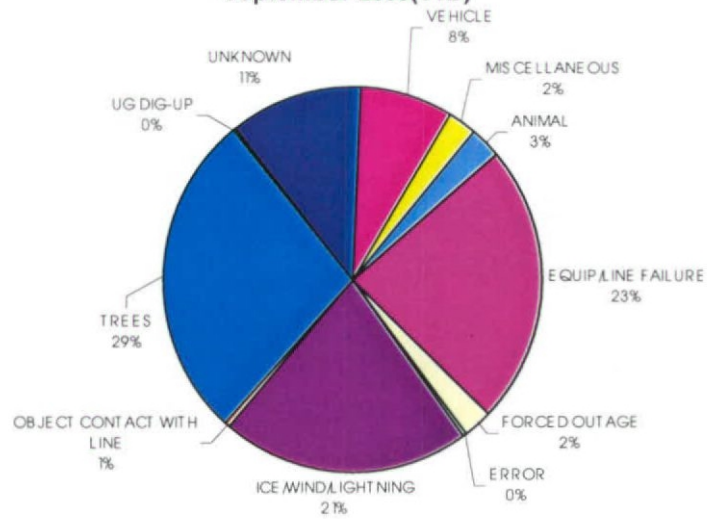
9) Outages by Cause:



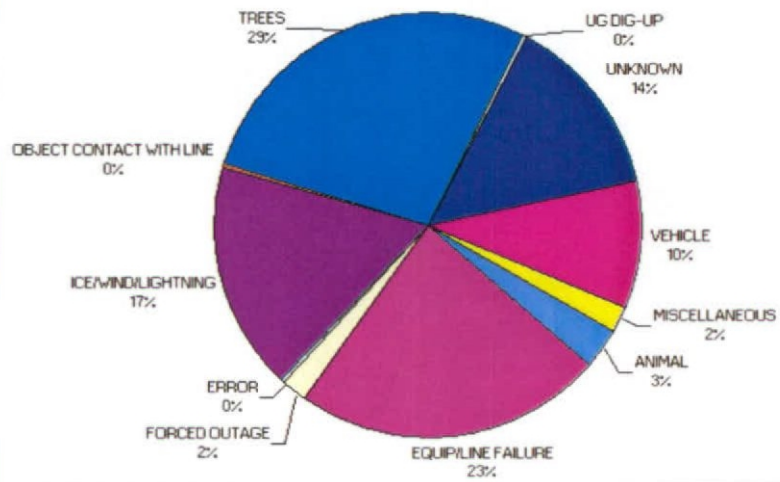
Penelec % of Customer Minutes by Cause Oct 2002 - Sept 2003



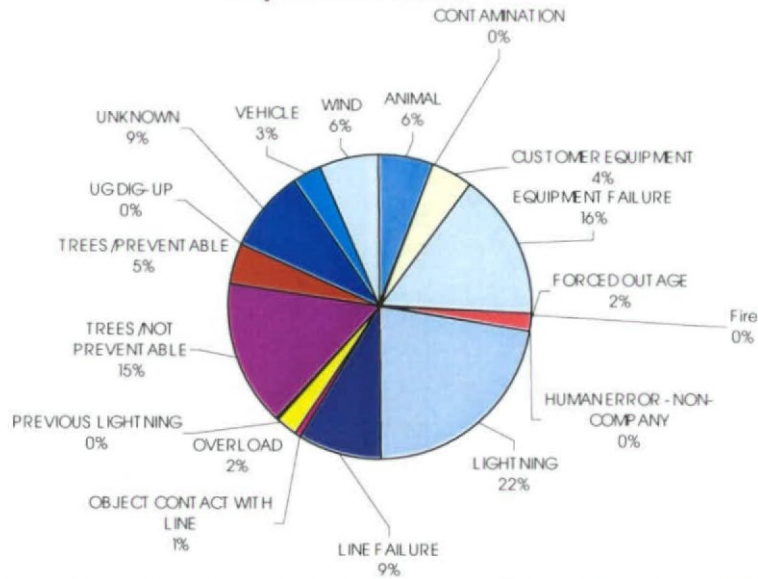
Met-Ed
% of Customer Minutes by Cause
September 2003(YTD)



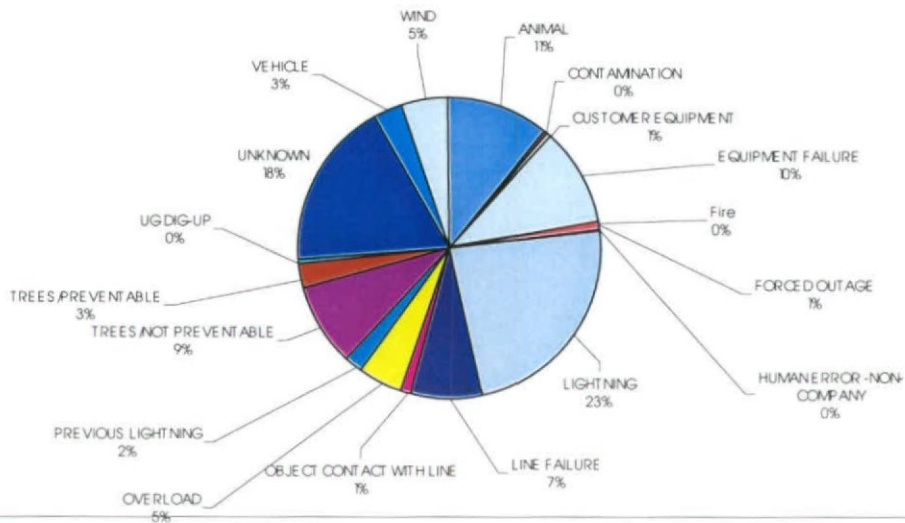
Met-Ed
% of Customer Minutes by Cause
October 2002 - September 2003



**Penn Power % Customer Minutes by Cause
September 2003 YTD**



**Penn Power % Interruptions by Cause
September 2003 YTD**



Appendix A

Penelec

| Substation | Circuit | Remedial Actions |
|-------------------|----------|---|
| CENTRAL CITY WEST | 00028-12 | Outage data reviewed. No action required at this time. |
| LAKE CITY | 00428-34 | Outage data reviewed. No action required at this time. |
| GARMAN | 00108-13 | Outage data reviewed. No action required at this time. |
| CANTON | 00607-63 | Outage data reviewed. No action required at this time. |
| MANSFIELD | 00556-63 | Outage data reviewed. No action required at this time. |
| LILLY | 00163-72 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| KNOX | 00323-51 | Circuit analysis in progress. Circuit scheduled for inspection and coordination study in 2003. |
| SOUTH TROY SUB | 00560-63 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| ST BENEDICT | 00059-72 | Field inspection completed in 2003. Fusing, arrester, insulator and pole repair work scheduled for the 1st quarter of 2004. Tree trimming to be performed where needed. |
| ANSONIA | 00740-63 | Field inspection completed in 2003. Fusing, pole replacement and guy repair work scheduled for the 1st quarter of 2004. Tree trimming to be performed where needed. |
| MESHOPPEN | 00283-65 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| MEYERSDALE NORTH | 00005-12 | Circuit analysis in progress. Circuit scheduled for inspection and coordination study in 2003. |
| GROVER | 00527-63 | Circuit analysis in progress. Field Inspection completed in 2003. Specific follow-up work to be defined. Coordination study scheduled for 2003. |
| ALLEGHENY | 00009-12 | Circuit analysis in progress. |
| WELLSBORO | 00324-63 | Circuit analysis in progress. |

Appendix A

| | | |
|--------------------|----------|--|
| | | Field inspection completed in 2003. Fusing, pole and conductor repair, insulator replacement work scheduled for the 1st quarter of 2004. Tree trimming to be performed where needed. |
| N MESHOPPEN TRAN | 00534-65 | Field inspection completed in 2003. Fusing work scheduled for 1st quarter of 2004. Forestry work to be performed as needed. |
| ANSONIA | 00739-63 | Circuit analysis in progress. |
| W AND K SUB | 00747-63 | Circuit analysis in progress. |
| BENTON A F SUB | 00775-62 | Circuit analysis in progress. |
| | | Circuit analysis in progress. Circuit scheduled for inspection and coordinatio study in 2003. |
| MOSS CREEK | 00049-72 | Circuit analysis in progress. |
| EAST HICKORY | 00200-41 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| COLUMBIA CROSSROAI | 00763-63 | Field inspection completed in 2003. Fusing, rehabilitation and animal proofing work scheduled for 1st quarter of 2004. Tree trimming to be performed where needed. |
| HOOVERSVILLE | 00021-12 | Field inspection completed in 2003. Fusing, pole repair, guying and ground repair work scheduled for 1st quarter of 2004. Tree trimming to be performed where needed. |
| COVINGTON | 00727-63 | Outage data reviewed. No action required at this time. |
| MORRIS RUN | 00720-63 | Outage data reviewed. No action required at this time. |
| DUSHORE | 00528-62 | Outage data reviewed. No action required at this time. |
| MORRIS RUN | 00703-63 | Outage data reviewed. No action required at this time. |
| CANTON | 00609-63 | Outage data reviewed. No action required at this time. |
| | | Circuit analysis in progress. Circuit scheduled for inspection in 2003. Coordination study and resulting field changes completed in June, 2003. |
| NATL FORGE SW STA | 00577-41 | Circuit analysis in progress. |
| TOWER 51 | 00230-11 | Circuit analysis in progress. |
| | | Circuit scheduled for inspection in 2003. |
| REVLOC | 00069-72 | |

Appendix A

| | | |
|-------------|----------|--|
| CANTON | 00608-63 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| MILDRED | 00771-62 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. Field inspection completed in 2003. Fusing, conductor - retension and arrester work scheduled for 1st quarter of 2004. Coordination study scheduled for 2003. |
| TUNKHANNOCK | 00695-65 | Circuit analysis in progress. |
| BLOSSBURG | 00652-63 | Circuit analysis in progress. |
| BLOSSBURG | 00310-63 | Circuit analysis in progress. |
| MORRIS RUN | 00701-63 | Circuit analysis in progress. Field inspection completed in 2003. Fusing and animal proof work scheduled for 1st quarter of 2004. |
| PATTON | 00060-72 | Field inspection completed in 2003. Fusing, guy and spacer cable repair work scheduled for 1st quarter of 2004. |
| GOLD | 00714-63 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| TUNKHANNOCK | 00660-65 | Field Inspection complete. Specific follow-up work to be defined. Coordination study scheduled for 2003. |
| MAITLAND | 00149-81 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| ROSEVILLE | 00691-63 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. Coordination study completed in May of 2003. Field inspection completed in 2003. Pole replacement, fusing, cross arm and insulator replacement work scheduled for 1st quarter of 2004. Forestry work to be performed where needed. |
| HONEY GROVE | 00134-83 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| CROWN | 00319-51 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| NICKTOWN | 00070-72 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| EBENSBURG | 00074-72 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |

Appendix A

| | | |
|----------------|----------|--|
| YOUNGSVILLE | 00256-41 | <p>Circuit analysis in progress. Circuit scheduled for inspection in 2003. Field inspection completed in 2003. Pole repair, fusing, insulator replacement, guying repair work scheduled for 1st quarter of 2004. Forestry work to be performed where needed.</p> |
| SOMERSET | 00010-12 | <p>Coordination study completed in March, 2003. Field inspection completed in 2003. Fusing, conductor - retension, ground and guying repair work scheduled for 1st quarter of 2004. Coordination study scheduled for 2003.</p> |
| AVERY | 00791-65 | <p>Circuit analysis in progress. Circuit scheduled for inspection in 2003.</p> |
| EAST HICKORY | 00201-41 | <p>Circuit analysis in progress. Circuit inspected in 2003. Follow-up work to be determined. Coordination study and resulting field changes completed in June, 2003.</p> |
| TWO MILE | 00127-42 | <p>Circuit analysis in progress. Circuit scheduled for inspection in 2003. Coordination study and resulting field changes completed in June, 2003.</p> |
| UNION CITY SUB | 00239-43 | <p>Field inspection completed in 2003. Fusing and cross arm replacement work scheduled for 1st quarter of 2004. Coordination study scheduled for 2003.</p> |
| DUBOIS | 00137-23 | <p>Field inspection completed in 2003. Fusing, cross arm replacement and guy repair work scheduled for 1st quarter of 2004.</p> |
| KNOX | 00325-51 | <p>Field inspection completed in 2003. Fusing, insulator and arrester replacement, guy and pole repair work scheduled for 1st quarter of 2004. Forestry work to be performed as needed. Coordination study scheduled for 2003.</p> |
| RALPHTON | 00015-12 | <p>Coordination study scheduled for 2003.</p> |

Appendix A

| | | |
|-------------------|----------|--|
| GOLD | 00715-63 | Field inspection completed in 2003. Fusing work scheduled for 1st quarter of 2004. Forestry work to be performed as needed. |
| TIONESTA | 00344-51 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |
| GLEN CAMPBELL SUB | 00680-21 | Circuit analysis in progress. Circuit scheduled for inspection in 2003. |

Met-Ed

| Substation | Circuit | Remedial Actions |
|----------------------|---------|--|
| BANGOR SUB | 00087-3 | Circuit recently exceeded the CRI threshold because of vandalism. Worked with local police to resolve problem. Line has not had any additional problems. Tree trimming scheduled for 2004. Circuit patrolled in 2003. Actions to reduce momentary interruptions were completed in early 2003. No other work scheduled. |
| FIVE POINTS SUB | 00612-3 | Circuit recently exceeded the CRI threshold because a single customer was out for a long duration during a minor storm. No studies or patrols planned. Tree trimming scheduled for 2004. |
| MT BETHEL SUB | 00090-3 | Circuit had a field patrol completed in 2003 and a detailed engineering review is planned by the end of 2003. All remedial work identified during the patrol is scheduled to be completed 1 st quarter, 2004. |
| CHURCHVILLE | 00664-3 | Circuit had a detailed engineering review and field patrol performed in 2003. All remedial work identified during the detailed study and patrol was completed in the 3rd quarter, 2004. Actions to reduce momentary interruptions were completed in early 2003. |
| NISKY SUB | 00176-3 | Circuit had a field patrol completed in 2003. All remedial work identified during the patrol is scheduled to be completed 1 st quarter, 2004. Tree trimming scheduled for 2004. |
| ORRTANNA | 00761-4 | Detailed engineering study performed in 2003 with all remedial work identified and scheduled for completion in the first half of 2004. Tree trimming scheduled for early 2004. Actions to reduce momentary interruptions were completed in early 2003. |
| MENGES MILLS | 00543-4 | Scheduled for a circuit patrol in 2003 with all remedial work to be completed in the first half of 2004. Tree trimming scheduled for 2004. Actions to reduce momentary interruptions were completed in early 2003. |
| HAMILTON SUB | 00788-4 | Scheduled for a circuit patrol in 2003 with all remedial work to be completed in the first half of 2004. Tree trimming completed in 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| DILLSBURG SUBSTATION | 00748-4 | Detailed engineering study performed in 2003 with all remedial work identified and scheduled for completion in the first half of 2004. Tree trimming to be completed by the end of 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| GARDNERS | 00754-4 | Scheduled for a circuit patrol in 2003 with all remedial work to be completed in the first half of 2004. Tree trimming to be completed by the end 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| GARDNERS | 00760-4 | Detailed engineering study performed in 2003 with all remedial work identified and scheduled for completion in the first half of 2004. Tree trimming to be completed by the end of 2003. Actions to reduce momentary interruptions were completed in early 2003. |

| | | |
|--------------------|---------|--|
| COLLINS SUBSTATION | 00761-2 | Circuit had a detailed engineering review and field patrol performed in 2003. All remedial work identified during the detailed study and patrol is scheduled to be completed 1 st quarter, 2004. A targeted forestry patrol was performed in the 2 nd quarter of 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| SWATARA HILL SUB | 00763-2 | Circuit had a detailed engineering review and field patrol performed in 2003. All remedial work identified during the detailed study and patrol is scheduled to be completed 1 st quarter, 2004. A targeted forestry patrol was performed in the 3 rd quarter of 2003. Spot tree trimming was completed in October, 2003. |
| BIRDSBORO | 00756-1 | Circuit had a detailed engineering review and a field patrol performed in 2003. All remedial work identified during the detailed study and patrol is scheduled to be completed 1 st quarter, 2004. Tree trimming was completed in the 3rd quarter of 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| CARSONIA SUB | 00764-1 | Circuit had a detailed engineering review, a main line field patrol and thermovision patrol performed in 2003. All remedial work identified during the detailed study and patrol is scheduled to be completed 1 st quarter, 2004. Tree trimming was completed in the 2 nd quarter of 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| LORANE | 00564-1 | Circuit had a field patrol performed in 2003. All remedial work identified during the patrol is scheduled to be completed 1 st quarter, 2004. A detailed engineering review will be performed by the end of 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| MOHNTON SUB STA | 00144-1 | Circuit had a field patrol performed in 2003. All remedial work identified during the patrol is scheduled to be completed 1 st quarter, 2004. An engineering review will be performed by the end of 2003. Tree trimming is in progress for this circuit, and will be completed by the end of 2003. |
| ANGELICA SUB | 00129-1 | Circuit had a field patrol performed in 2003. All remedial work identified during the patrol is scheduled to be completed 1 st quarter, 2004. An engineering review will be performed by the end of the 2003. Tree trimming will be completed by the end of 2003. |
| 19TH AND COTTON | 00156-1 | Circuit had a field patrol, an engineering study, and a thermovision patrol performed during 2003. All remedial work identified during the patrol and the study is scheduled to be completed 1 st quarter, 2004. A targeted forestry patrol along with follow-up trimming was completed in the 4 th quarter, 2002. |
| GLENSIDE | 00533-1 | Circuit had a field patrol and an engineering study completed during 2003. All remedial work identified during the patrol is scheduled to be completed 1 st quarter, 2004. |
| LYNNVILLE SUB | 00749-1 | Circuit had a field patrol completed during 2003. All remedial work identified during the patrol is scheduled to be completed 1 st quarter, 2004. Actions to reduce momentary interruptions were completed in early 2003. |

| | | |
|--------------------|---------|---|
| LINCOLN PK | 00750-1 | Circuit had an engineering study completed during 2003. All remedial work from the study is scheduled to be completed 1 st quarter, 2004. Tree trimming was completed during the 3 rd quarter, 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| BIRCHWOOD SUB | 00622-3 | Circuit had a detailed engineering review and field patrol performed in 2003. All remedial work identified during the detailed study is scheduled to be completed by the end of 2003. Tree trimming was completed in the 4th quarter of 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| SHAWNEE SUB | 00860-3 | Circuit had a field patrol performed in 2003 and a detailed engineering review will be completed in the 4th quarter of 2003. All remedial work identified during the detailed study will be scheduled to be completed in the first half of 2004. Tree trimming is scheduled for 2005. Actions to reduce momentary interruptions were completed in early 2003. |
| STROUDSBURG | 00610-3 | Circuit had a field patrol performed in 2003 and a detailed engineering review will be completed in the 4th quarter of 2003. All remedial work identified during the detailed study will be scheduled to be completed in the first half of 2004. Tree trimming is scheduled for 2005. Actions to reduce momentary interruptions were completed in early 2003. |
| SHAWNEE SUB | 00895-3 | Circuit had a field patrol performed in 2003 and a detailed engineering review will be completed in the 4th quarter of 2003. All remedial work identified during the detailed study will be scheduled for completion in the first half of 2004. Tree trimming is scheduled for 2004. Actions to reduce momentary interruptions were completed in early 2003. |
| NEWBERRY SUB | 00576-4 | Detailed engineering study performed in 2003 with all remedial work identified and scheduled for completion in the first half of 2004. Tree trimming to be completed by the end of 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| GLADES | 00580-4 | Detailed engineering study performed in 2003 with all remedial work identified and scheduled for completion in the first half of 2004. Tree trimming to be completed by the end of 2003. Actions to reduce momentary interruptions were completed in early 2003. |
| YORKANA SUBSTATION | 00715-4 | Detailed engineering study performed in 2003 with all remedial work identified and scheduled for completion in the first half of 2004. Tree trimming scheduled for 2004. Actions to reduce momentary interruptions were completed in early 2003. |
| MT ROSE SUB | 00563-4 | Circuit exceeded the CRI threshold due to one long duration outage affecting 15 customers. This outage was caused by a tree falling on a line causing a conductor burn down. Tree trimming to be completed by the end of 2003. |
| WINDSOR | 00795-4 | Scheduled for circuit patrol in 2003 with all remedial work to be completed in the first half of 2004. Tree trimming scheduled for 2004. Actions to reduce momentary interruptions were completed in early 2003. |
| GLADES | 00581-4 | Detailed engineering study performed in 2003 with all remedial work identified and scheduled for completion in the first half of 2004. Tree trimming to be completed by the end of 2003. Actions to reduce momentary interruptions were completed in early 2003. |

| | | |
|--------------|---------|---|
| NEWBERRY SUB | 00577-4 | Detailed engineering study performed in 2003 with all remedial work identified and scheduled for completion in the first half of 2004. Tree trimming to be completed by the end of 2003. |
| HELLAM | 00341-4 | Scheduled for circuit patrol in 2003 with all remedial work to be completed in the first half of 2004. Tree trimming to be completed by the end 2003. |
| PINE ST | 00447-4 | Scheduled for circuit patrol in 2003 with all remedial work to be completed in the first half of 2004. Tree trimming to be completed by the end 2003. Actions to reduce momentary interruptions were completed in early 2003. |

Penn Power

| Substation | Circuit | Remdial Action Taken |
|------------------|---------|--|
| Cedar St. | D-361 | Only two sustained outages occurred on this circuit. One was due to a non-preventable tree problem that locked out the substation breaker and was responsible for 99.9% of the total customer minutes of outage time. No remedial action is planned for this circuit. |
| S. Jefferson St. | D-320 | The poor performance of this circuit was due almost exclusively to one extended outage that occurred when lightning damaged a transformer during a storm causing an upline fuse to blow. This outage was responsible for 85% of the customer minutes of outage time on this circuit. No remedial action is planned for this circuit. |
| Cedar St. | D-362 | This circuit experienced only 3 sustained outages during the reporting period, however one of these occurred during a storm and was responsible for 99.9% of the customer minutes of outage time. No remedial action is planned for this circuit. |
| Stoneboro | W-131 | The poor performance of this circuit was due primarily to outages caused by wind, which were responsible for 58% of the customer minutes of outage time, and non-preventable tree problems, which were responsible for 31% of the customer minutes. Damaged equipment was repaired or replaced as required. |
| Camp Reynolds | W-134 | The poor performance of this circuit was due to problems caused by lightning (65% of customer minutes of outage time) and wind (21% of customer minutes). A longer range plan to add a distribution circuit to the Camp Reynolds Substation to reduce the circuit miles on W-134 which will improve overall reliability on that circuit is being evaluated. |
| Ingomar | D-620 | The poor performance of this circuit can be attributed mostly to vandalism. The theft of the grounding conductors on a mobile substation temporarily in service at Ingomar Substation disabled the protection scheme required to clear distribution line faults. A lightning strike on the D-620 circuit initiated a fault which caused a fire on the mobile. This one event accounted for 72% of the total customer minutes of outage. In another event, equipment failure triggered a field fire which led to an extensive outage which accounted for over 10% of the total customer minutes of outage. All damaged equipment was either replaced or repaired. |
| Seneca | W-700 | The numerous distribution outages were caused by various problems associated with line exposure on this large, extended rural area circuit. These problems ranged from bird and animal contacts to wind and lightning damage. A few of the outages were caused by line conductor and transformer failures. This circuit has been reviewed for upgrades to the protection scheme and additional sectionalizing devices. |
| New Wilmington | D-442 | The poor performance of this circuit is due primarily to four outages to the transmission line source to this substation, and one distribution circuit lockout. One transmission outage was due to lightning, one was due to a downed tree, one was due to wind, and another occurred when a customer cut down a tree and it brushed against the line. The distribution outage was caused by a tree that was blown over by the wind. Most of the transmission problems affecting this circuit were weather related. The transmission line was aerial patrolled in the fall of 2003. |

ORIGINAL

December 17, 2003

James J. McNulty, Secretary
Pennsylvania Public Utility Commission
PO Box 3265
Harrisburg, PA17120

Re: Joint 3rd Quarter 2003 Reliability Report – Pennsylvania Power Company,
Metropolitan Edison Company and Pennsylvania Electric Company
Docket No. L-00030161

RECEIVED
03 DEC 22 AM 9:39
P.U.C.
SECRETARY'S BUREAU

1-800-633-4766

DOCUMENT

Dear Mr. McNulty,

Enclosed for filing on behalf of the Pennsylvania Electric Company is an original and nine (9) copies of its Revised Pages 1 and 2 to the previously submitted Joint 3rd Quarter 2003 Reliability Report filed with this Commission on November 3, 2003. These Revised Pages 1 and 2 are being provided to correct performance indices and major event reporting data resulting from the inadvertent exclusion of certain storm data for August 26, 2003 and inclusion of an outage on August 14, 2003 which should have been excluded pursuant to the Major Event exclusion criteria. Once again, please note that this filing is without prejudice and subject to the Companies' Original and Reply Comments previously submitted in response to the Commission's Tentative Reliability Order and the Companies prospective comments in the Commission's pending Reliability Rulemaking proceeding.

A copy of this Revised Page 1 and 2 is being submitted electronically to the Office of Consumer Advocate and the Office of Small Business Advocate.

Sincerely,



Eric J. Dickson
Operations Manager

Pennsylvania Power Company, Pennsylvania Electric Company
and Metropolitan Edison Company
3rd Quarter Report 2003
Reliability Regulations at 52 Pa. Code Chapter 57
Docket No. L-00030161

SECRETARY'S BUREAU
03 DEC 2003 AM 9:39

The following Joint Report is filed on behalf of Pennsylvania Power Company ("Penn Power"), Pennsylvania Electric Company ("Penelec") and Metropolitan Edison Company ("Met-Ed") for the third quarter of 2003.

1) Rolling 12-Month System Reliability Performance Indices

For the purposes of this Joint Report, all reliability reporting is based upon the Pennsylvania Public Commission's definitions for "momentary outages" and "major events" (outage data excluded as a result of significant events).

The major storm criteria are determined by having 10% of Met-Ed, Penn Power and Penelec's customers out of service for 5 minutes or longer. *It should be noted that the MAIFI numbers and the process for collecting this data are still in the development stage. The 12-month rolling Reliability Performance Indices through September 2003 are as follows:*

| | Penn Power * | Penelec ** | Met-Ed |
|------------------|--------------|------------|---------|
| SAIFI | 1.55 | 1.64 | 1.24 |
| CAIDI | 117 | 147 | 123 |
| SAIDI | 181 | 241 | 153 |
| Customers Served | 154,100 | 584,300 | 511,900 |

* Several weather events during August had a negative impact on the reliability indices for Penn Power.

** Although not a major storm, on January 1, 2003 a 4 day ice storm affected over 36,000 customers causing a negative impact on SAIFI, CAIDI and SAIDI.

2) Rolling 12-Month Circuit Reliability Performance

The rolling 12-month and year to date ("YTD") number of circuits (as a percent of the total number of circuits) meeting the Circuit Reliability Index ("CRI") criteria of 130 or less through September 2003 are as follows:

| | Circuits with CRI of 130 or Less (*) | Circuits with CRI of 130 or Less YTD (*) |
|------------|--------------------------------------|--|
| Penn Power | 72% | 77% |
| Penelec | 64% | 75% |
| Met-Ed | 59% | 74% |

(*) The Companies are continuing to review and correct the CRI data to ensure accuracy. These data issues are expected to be resolved by the end of the year.

DOCKETED
FEB 12 2004

DOCUMENT

3) Third Quarter Major Event Information

| | Customers Affected | Major Event | Description |
|-------------------|--------------------|--|--|
| Penn Power | | | |
| | 23,200 | 7/4 @ 1410 hrs through 7/7 @ 2100 hrs | High winds/lightning |
| | 17,077 | 7/8 @ 0457 hrs through 7/10 @ 0340 hrs | High winds/lightning |
| | 28,000 | 7/21 @ 1300 hrs through 7/24 @ 2400 hrs | Thunderstorms/high winds /lightning |
| Penelec | | | |
| | 149,000 | 7/21 @ 1300 hrs through 7/28 @ 2359 hrs | Thunderstorms/high winds /lightning |
| | 186,000 | 8/14@ 1551 hrs through 8/15 @ 1709 hrs | Regional transmission outage |
| | 73,000 | 9/18 @ 1700 hrs through 9/22 @ 1637 hrs | Hurricane Isabel |
| Met-Ed | | | |
| | 75,000 | 7/21 @ 1834 hrs through 7/24 @ 2400 hrs | Thunderstorms/high winds /lightning |
| | 289,000 | 9/18 @ 1500 hrs through 9/24 @ 2400 hrs | Hurricane Isabel |

4) Rolling 12-Month Reliability Indices for the Worst 5% of the System Circuits:

Each of the Companies' worst performing circuits is listed with remedial action planned/taken in Attachment A to this Joint Report.

5) Inspection and Maintenance Goals:

| Quarterly Reliability Report Third Quarter 2003 | | | | | | |
|--|------------------------------------|---------------------|---|---------------------|-------------------------|---------------------|
| Program/Project | Penn Power | | Penelec | | Met-Ed | |
| | | | | | | |
| Forestry (a) | Transmission | Distribution | Transmission | Distribution | Transmission | Distribution |
| Scheduled (Annual) | 350 Acres | 1200 Miles | 5837 Acres | 4772 Miles | 1714 Acres | 4967 Miles |
| Completed | 150 Acres | 950 Miles | 6276 Acres | 3332 Miles | 1150 Acres | 2479 Miles (b) |
| | | | | | | |
| Transmission (e) | | | | | | |
| Aerial Patrols (2/yr) | Spring & fall patrol 100% complete | | Spring patrol completed. Fall patrol 40% complete. | | Spring patrol completed | |
| Groundline Inspections | Completed | | None scheduled (c) | | None scheduled (c) | |
| Radio-Controlled Switches | Not Applicable | | 570 | | 4 | |