



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

610-929-3601

September 16, 2013

RECEIVED

SEP 16 2013

VIA UNITED PARCEL SERVICE

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

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

L-00030161

**Re: Supplemental 2<sup>nd</sup> Quarter 2013 Reliability Report – West Penn Power Company**

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 57.195(d) and (e), enclosed for filing on behalf of West Penn Power Company are two copies of the Supplemental 2<sup>nd</sup> Quarter 2013 Reliability Report. Please date stamp the additional copy and return it in the postage-prepaid envelope provided.

Please feel free to contact me if you have any questions or need additional information regarding this matter.

Sincerely,

David J. Karafa  
President, Pennsylvania Operations  
(610) 921-6060  
dkarafa@firstenergycorp.com

- c: As Per Certificate of Service  
D. Gill – Bureau of Technical Utility Services (via email and first class mail)  
D. Searfoorce - Bureau of Technical Utility Services (via email and first class mail)



## Supplemental 2013 2<sup>nd</sup> Quarter Reliability Report

West Penn Power Company

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

**RECEIVED**

SEP 16 2013

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

## Supplemental 2<sup>nd</sup> Quarter 2013 Reliability Report - West Penn Power Company

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

### Major Events

| FirstEnergy Company    | Customers Affected | Time and Duration of the Event |                         | Cause of the Event  | Commission Approval Status |
|------------------------|--------------------|--------------------------------|-------------------------|---------------------|----------------------------|
| <b>West Penn Power</b> | 2,823              | Duration                       | 3 hours and 30 minutes  | Transmission Outage | Approved August 21, 2013   |
|                        |                    | Start Date/Time                | May 14, 2013<br>3:08 pm |                     |                            |
|                        |                    | End Date/Time                  | May 14, 2013<br>6:38 pm |                     |                            |

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

*Section 57.195(e)(2): Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available MAIFI) for the EDC's service territory for the preceding quarter. The report shall include the data used in calculating the indices, namely the average number of customers served, the number of sustained customer interruptions, the number of customers affected, and the customer minutes of interruption. If MAIFI<sup>2</sup> values are provided, the report shall also include the number of customer momentary interruptions.*

*Reliability Index Values*

| 2Q 2013<br>(12-Mo Rolling)               | West Penn Power |                   |                 |
|--|-----------------|-------------------|-----------------|
|  | Benchmark       | 12-Month Standard | 12-Month Actual |
| <b>SAIFI</b>                             | 1.05            | 1.26              | 1.07            |
| <b>CAIDI</b>                             | 170             | 204               | 181             |
| <b>SAIDI</b>                             | 179             | 257               | 194             |
| <b>Customers Served<sup>3</sup></b>      | 706,788         |                   |                 |
| <b>Number of Sustained Interruptions</b> | 11,352          |                   |                 |
| <b>Customers Affected</b>                | 754,131         |                   |                 |
| <b>Customer Minutes</b>                  | 136,826,343     |                   |                 |

<sup>2</sup> MAIFI values are not available

<sup>3</sup> Represents the average number of customers served during the reporting period.

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

### *Worst Performing Circuits – Reliability Indices*

The methodology used to identify worst performing circuits is based on both System Average Interruption Frequency Index (“SAIFI”) and System Average Interruption Duration Index (“SAIDI”). The methodology consists of the following steps:

1. For each circuit calculate a circuit SAIFI using only distribution-caused outages.
2. Select the worst 20% of circuits based on the highest circuit SAIFI.
3. Rank the selected circuits based on SAIDI using only distribution-caused customer minutes.
4. Select 5% of the circuits based on the highest customer minutes. These circuits are then identified as the worst performing circuits.

West Penn Power’s ranking of the 5% Worst Performing Circuits are provided in Attachment A to this report.

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

*Worst Performing Circuits – Remedial Action*

West Penn Power's Remedial Actions for its 5% Worst Performing Circuits are provided in Attachment B to this report.

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

### Outages by Cause

#### Outages by Cause – West Penn Power<sup>4</sup>

| Outages by Cause                     |                    |                                   |                    |                              |
|--------------------------------------|--------------------|-----------------------------------|--------------------|------------------------------|
| 2nd Quarter 2013<br>12-Month Rolling | West Penn Power    |                                   |                    |                              |
| Cause                                | Customer Minutes   | Number of Sustained Interruptions | Customers Affected | % Based on Number of Outages |
| TREES/NOT PREVENTABLE                | 39,708,290         | 1905                              | 123,702            | 29.02%                       |
| EQUIPMENT FAILURE                    | 22,263,207         | 2448                              | 155,030            | 16.27%                       |
| LINE FAILURE                         | 15,770,202         | 981                               | 71,330             | 11.53%                       |
| UNKNOWN                              | 15,527,869         | 1963                              | 104,851            | 11.35%                       |
| TREES OFF ROW-TREE                   | 9,660,911          | 448                               | 33,164             | 7.06%                        |
| FORCED OUTAGE                        | 7,887,381          | 1129                              | 115,295            | 5.76%                        |
| VEHICLE                              | 6,674,810          | 361                               | 51,922             | 4.88%                        |
| TREES/PREVENTABLE                    | 4,125,020          | 204                               | 8,688              | 3.01%                        |
| WIND                                 | 3,423,877          | 100                               | 2,607              | 2.50%                        |
| ANIMAL                               | 3,332,871          | 1078                              | 34,066             | 2.44%                        |
| OTHER ELECTRIC UTILITY               | 1,598,519          | 8                                 | 4,421              | 1.17%                        |
| LIGHTNING                            | 1,595,526          | 137                               | 7,257              | 1.17%                        |
| TREES ON ROW                         | 1,392,952          | 66                                | 5,647              | 1.02%                        |
| TREES OFF ROW-LIMB                   | 1,301,024          | 79                                | 5,986              | 0.95%                        |
| HUMAN ERROR -NON-COMPANY             | 765,508            | 79                                | 8,337              | 0.56%                        |
| BIRD                                 | 524,922            | 158                               | 3,924              | 0.38%                        |
| HUMAN ERROR - COMPANY                | 507,926            | 32                                | 8,225              | 0.37%                        |
| OVERLOAD                             | 224,025            | 13                                | 1,887              | 0.16%                        |
| PREVIOUS LIGHTNING                   | 142,417            | 5                                 | 798                | 0.10%                        |
| CUSTOMER EQUIPMENT                   | 135,396            | 38                                | 953                | 0.10%                        |
| UG DIG-UP                            | 70,040             | 34                                | 485                | 0.05%                        |
| OBJECT CONTACT WITH LINE             | 63,451             | 15                                | 1,055              | 0.05%                        |
| VANDALISM                            | 57,576             | 13                                | 4,340              | 0.04%                        |
| TREES - SEC/SERVICE                  | 52,359             | 39                                | 78                 | 0.04%                        |
| FIRE                                 | 15,737             | 12                                | 54                 | 0.01%                        |
| OTHER UTILITY-NON ELEC               | 1,847              | 3                                 | 15                 | 0.00%                        |
| CONTAMINATION                        | 1,183              | 1                                 | 7                  | 0.00%                        |
| ICE                                  | 777                | 2                                 | 2                  | 0.00%                        |
| PLANNED OUTAGE                       | 720                | 1                                 | 5                  | 0.00%                        |
| <b>Total</b>                         | <b>136,826,343</b> | <b>11,352</b>                     | <b>754,131</b>     | <b>100.00%</b>               |

<sup>4</sup> In May 2013, new outage cause codes were added to help better categorize tree related outages. Definitions of these codes are as follows:  
Trees On ROW - An outage caused by tree that has grown into or contacted a West Penn Power primary within the distribution clearing zone  
Trees Off ROW-Tree - An outage caused by tree that has fallen into a West Penn Power primary outside the distribution clearing zone  
Trees Off ROW-Limb - An outage caused by tree limb that has fallen into a West Penn Power primary outside the distribution clearing zone  
Trees - Sec/Service - An outage caused by tree that has grown into or contacted a West Penn Power secondary or service.

## Proposed Solutions – West Penn Power

### Trees/Not Preventable

West Penn Power's danger tree program consists of removing, or significantly reducing in height, dead, diseased or damaged trees located outside the boundary of the right-of-way that pose a threat to service reliability or the integrity of the line under any weather condition. In 2012, West Penn Power began a program targeting ash trees impacted by the Emerald Ash Borer. This will be an on going effort.

### Equipment Failure

West Penn Power addresses equipment failures using a three-prong approach. The first step is to conduct pole by pole reviews of main line hardware and correct any deficiencies found. The second step is a review of the entire overhead circuit, visiting all locations on a six-year cycle. And the third step is conducting an engineering review and root cause analysis of all distribution circuit lockouts. The number of equipment failures is mitigated through these programs and the follow up corrective actions. In addition, the Engineering Department periodically conducts a multi-operation device review to identify causes and trends of equipment failures and other outage causes. Engineering then plans accordingly to repair or replace facilities.

### Line Failure

West Penn Power addresses line failure caused outages using multiple strategies. Line failure is defined as outages attributable to overhead conductors and underground cables. Underground cables consist of direct-buried conductors and conductors in conduit, depending upon the vintage. Type and vintage of conductors (aluminum, steel reinforcing, copper, etc) can affect failure frequencies. Underground cables are inherently difficult to inspect, so West Penn Power tracks repeated outages in order to implement an underground cable replacement strategy. Overhead conductors are visually inspected every six years as part of the inspection and maintenance plan. Repeated failures are also tracked and a replacement strategy targets high failure sections. Programs, such as the Worst Performing Circuit Program and Circuit Lockout Root Cause Analysis Program are useful for monitoring these trends.

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

*T&D Inspection and Maintenance Programs*

| Inspection and Maintenance<br>2013 |                           | West Penn Power                                   |           |        |
|------------------------------------|---------------------------|---|-----------|--------|
|                                    |                           | Planned   | Completed |        |
|                                    |                           | Annual  | 2Q        | YTD    |
| <b>Forestry</b>                    | Transmission (Miles)      | 513.30  | 127.86    | 149.66 |
|                                    | Distribution (Miles)      | 4,482   | 1,472     | 2,529  |
| <b>Transmission</b>                | Aerial Patrols            | 2   | 1         | 1      |
|                                    | Groundline                | 0   | 0         | 0      |
| <b>Substation</b>                  | General Inspections       | 5,070   | 1,521     | 2,535  |
|                                    | Transformers              | 405   | 316       | 455    |
|                                    | Breakers                  | 210   | 200       | 239    |
|                                    | Relay Schemes             | 133   | 0         | 72     |
| <b>Distribution</b>                | Capacitors                | 1,332   | 0         | 1,332  |
|                                    | Poles                     | 38,701  | 9,762     | 16,404 |
|                                    | Reclosers                 | 3,799   | 1,278     | 2,964  |
|                                    | Radio-Controlled Switches | West Penn Power has no radio-controlled switches. |           |        |

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

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

*Budgeted vs. Actual T&D Operation & Maintenance Expenditures<sup>5</sup>*

| <b>West Penn Power</b>                    |   |                   |                       |                      |                      |                   |
|---|---|-------------------|-----------------------|----------------------|----------------------|-------------------|
| <b>T&amp;D O&amp;M - 2Q/YTD June 2013</b> |   |                   |                       |                      |                      |                   |
| <b>Category</b>                           | <b>Q2 Actuals</b>                                       | <b>Q2 Budget</b>  | <b>Q2 YTD Actuals</b> | <b>Q2 YTD Budget</b> | <b>Annual Budget</b> |                   |
| <b>Transmission</b>                       |   |                   |                       |                      |                      |                   |
| 560                                       | Operation Supervision & Engineering                     | 0                 | 0                     | (5)                  | 0                    | 0                 |
| 561                                       | Load Dispatching  | 613,392           | 699,575               | 1,394,394            | 1,548,451            | 2,918,008         |
| 562                                       | Station Expenses  | 37,665            | 694,587               | 205,450              | 1,463,879            | 2,898,094         |
| 565                                       | Transmission of Electricity by Others                   | 5,654,289         | 5,683,501             | 10,539,682           | 10,842,943           | 24,306,181        |
| 566                                       | Miscellaneous Transmission Expenses                     | 33,910            | 36,384                | 83,160               | 108,660              | 194,763           |
| 567                                       | Rents   | 2                 | 425                   | 2                    | 425                  | 2,867             |
| 568                                       | Maintenance Supervision & Engineering                   | 183,660           | 187,656               | 401,402              | 511,241              | 1,096,662         |
| 569                                       | Maintenance of Structures                               | 9,877             | 63,632                | 20,744               | 130,461              | 275,970           |
| 570                                       | Maintenance of Station Equipment                        | 307,115           | (40,045)              | 492,662              | (43,472)             | (33,305)          |
| 571                                       | Maintenance of Overhead Lines                           | 1,406,783         | 213,547               | 2,666,422            | 432,286              | 864,563           |
| 572                                       | Maintenance of Underground Lines                        | 6,569             | 0                     | 7,716                | 0                    | 0                 |
| 575                                       | Market Administration, Monitoring & Compliance Services | 11,082            | 18,000                | 36,033               | 45,000               | 45,000            |
| <b>Transmission Total</b>                 |   | <b>8,264,343</b>  | <b>7,557,264</b>      | <b>15,847,661</b>    | <b>15,039,873</b>    | <b>32,568,804</b> |
| 580                                       | Operation Supervision & Engineering                     | 115,266           | 18,804                | 138,679              | 47,629               | 433,774           |
| 581                                       | Load Dispatching  | 267,705           | 309,218               | 617,373              | 620,368              | 1,298,802         |
| 582                                       | Station Expenses  | 203,074           | 196,011               | 747,437              | 412,952              | 821,743           |
| 583                                       | Overhead Line Expenses                                  | 271,451           | 80,561                | 726,213              | 170,967              | 341,463           |
| 584                                       | Underground Line Expenses                               | 322,366           | 259,750               | 510,443              | 400,210              | 870,000           |
| 586                                       | Meter Expenses  | 202,318           | 184,024               | 463,256              | 463,990              | 940,886           |
| 588                                       | Miscellaneous Distribution Expenses                     | 2,605,871         | 1,609,738             | 4,185,190            | 3,222,479            | 6,848,491         |
| 590                                       | Maintenance Supervision & Engineering                   | 93,039            | 84,850                | 225,617              | 236,679              | 554,657           |
| 592                                       | Maintenance of Station Equipment                        | 635,483           | 563,278               | 1,208,140            | 1,440,899            | 3,195,787         |
| 593                                       | Maintenance of Overhead Lines                           | 3,905,104         | 5,794,135             | 6,214,899            | 10,986,863           | 22,015,105        |
| 594                                       | Maintenance of Underground Lines                        | 341,627           | 226,348               | 544,036              | 469,914              | 795,209           |
| 596                                       | Maintenance of Street Lighting & Signal Systems         | 130,801           | 93,014                | 414,930              | 197,407              | 394,282           |
| 597                                       | Maintenance of Meters                                   | 301,602           | 326,473               | 738,184              | 699,425              | 1,397,314         |
| 598                                       | Maintenance of Miscellaneous Distribution Plant         | 75,464            | 368,374               | 148,499              | 766,657              | 1,596,881         |
| <b>Distribution Total</b>                 |   | <b>9,471,169</b>  | <b>10,114,576</b>     | <b>16,882,897</b>    | <b>20,136,438</b>    | <b>41,504,393</b> |
| <b>West Penn Power Grand Total</b>        |   | <b>17,735,513</b> | <b>17,671,840</b>     | <b>32,730,558</b>    | <b>35,176,311</b>    | <b>74,073,197</b> |

<sup>5</sup> Budgets are subject to change

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

*Budgeted vs. Actual T&D Capital Expenditures<sup>6</sup>*

| <b>West Penn Power</b>                      |                   |                   |                       |                      |                      |
|---|-------------------|-------------------|-----------------------|----------------------|----------------------|
| <b>T&amp;D Capital - 2Q / YTD June 2013</b> |                   |                   |                       |                      |                      |
| <b>Category</b>                             | <b>Q2 Actuals</b> | <b>Q2 Budget</b>  | <b>Q2 YTD Actuals</b> | <b>Q2 YTD Budget</b> | <b>Annual Budget</b> |
| Capacity                                    | 2,374,695         | 2,167,377         | 4,748,689             | 5,655,317            | 6,509,414            |
| Condition                                   | 1,501,282         | 1,631,056         | 3,402,205             | 3,394,623            | 7,358,313            |
| Facilities                                  | 203,497           | 792               | 612,448               | 171,540              | 173,124              |
| Forced                                      | 6,115,847         | 6,705,905         | 11,733,638            | 13,243,067           | 24,885,963           |
| Meter Related                               | 930,820           | 454,947           | 1,678,547             | 928,345              | 1,949,692            |
| New Business                                | 4,553,424         | 3,433,296         | 10,947,780            | 7,235,754            | 14,822,122           |
| Other                                       | 1,081,902         | 4,815,577         | 587,038               | 9,066,343            | 19,375,572           |
| Reliability                                 | 2,325,450         | 4,108,163         | 3,153,710             | 6,644,465            | 14,282,823           |
| Street Light                                | 59,416            | 253,492           | 506,877               | 802,374              | 1,282,956            |
| Tools & Equipment                           | 2,193,939         | 1,379,679         | 4,153,550             | 2,361,408            | 3,611,308            |
| Vegetation Management                       | 9,488,407         | 6,443,527         | 19,401,945            | 13,361,553           | 25,987,100           |
| <b>West Penn Power Total</b>                | <b>30,828,680</b> | <b>31,393,811</b> | <b>60,926,427</b>     | <b>62,864,787</b>    | <b>120,238,387</b>   |

<sup>6</sup> Budgets are subject to change.

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

*Staffing Levels*

| West Penn Power 2013 |                |                 |                 |    |    |
|----------------------|----------------|-----------------|-----------------|----|----|
| Department           | Staff          | 1Q <sup>7</sup> | 2Q <sup>8</sup> | 3Q | 4Q |
| Line                 | Leader / Chief | 79              | 76              |    |    |
|                      | Lineman        | 175             | 160             |    |    |
| Substation           | Leader         | 14              | 14              |    |    |
|                      | Electrician    | 50              | 45              |    |    |
| <b>Total</b>         |                | <b>318</b>      | <b>295</b>      |    |    |

<sup>7</sup> These statistics were reported incorrectly in the first quarter report and have been revised.

<sup>8</sup> Seventeen retirements occurred during the second quarter of 2013.

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

### *Contractor Expenditures*

Contractor expenses are billed on a lump sum basis and as such, hourly information is not available.

| <b>Contractor Expenditures 2013 (\$)</b> |           |           |           |           |                  |
|--|-----------|-----------|-----------|-----------|------------------|
|  | <b>1Q</b> | <b>2Q</b> | <b>3Q</b> | <b>4Q</b> | <b>Total</b>     |
| <b>West Penn Power</b>                   | 2,698,887 | 3,019,778 |           |           | <b>5,718,665</b> |

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

### *Call-out Acceptance Rate*

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

| <b>Call-out Acceptance Rate - 2013</b> |                        |
|--|------------------------|
|  | <b>West Penn Power</b> |
| <b>January</b>                         | 33%                    |
| <b>February</b>                        | 29%                    |
| <b>March</b>                           | 30%                    |
| <b>April</b>                           | 28%                    |
| <b>May</b>                             | 24%                    |
| <b>June</b>                            | 23%                    |

### Call-out Response

Larger utilities report the amount of time it takes to obtain the necessary personnel during call-outs. West Penn Power has worked with other utilities to ensure consistency in calculating and reporting this data.

| West Penn Power |                 |                   |                        |   |   |
|-----------------|-----------------|-------------------|------------------------|---|---|
| 2013            | Total Call-Outs | Workers Accepting | Elapsed Time (Minutes) | Average Response Time per Crew Call-Out (Minutes) | Average Response Rate Per Workers Accepting (Minutes) |
| April           | 832             | 691               | 3,044                  | 3.66  | 4.41  |
| May             | 1,091           | 778               | 4,289                  | 3.93  | 5.51  |
| June            | 1,222           | 864               | 4,885                  | 4.00  | 5.65  |
| <b>2Q Total</b> | <b>3,145</b>    | <b>2,333</b>      | <b>12,218</b>          | <b>3.83</b>                                       | <b>5.24</b>   |

Total Call-outs = Total number of incidents

Workers Accepting = Total number of employees accepting work offered

Elapsed Time = Time of day called minus time of day accepted (expressed in minutes)

Average Response Time Per Crew Call-Out = Elapsed Time divided by Total Call-Outs

Average Response Rate Per Workers Accepting = Elapsed Time divided by Workers Accepting

ATTACHMENT A

Worst Performing Circuits - Reliability Indices

| West Penn Power |                 |                |                |                   |         |          |                  |                    |              |       |       |       |
|-----------------|-----------------|----------------|----------------|-------------------|---------|----------|------------------|--------------------|--------------|-------|-------|-------|
| Circuit Rank    | Substation      | Circuit Desc   | District       | Average Customers | Outages | Lockouts | Customer Minutes | Customers Affected | SAIDI Impact | SAIDI | SAIFI | CAIDI |
| 1               | Saint Thomas    | Edenville      | Mcconnellsburg | 1164              | 47      | 1        | 2,610,385        | 3,165              | 3.69         | 2,243 | 2.72  | 825   |
| 2               | Clearville      | Clearville     | Mcconnellsburg | 620               | 40      | 1        | 1,841,544        | 1,061              | 2.60         | 2,970 | 1.71  | 1736  |
| 3               | North Fayette   | Beechcliff     | McDonald       | 2239              | 25      | 0        | 1,622,686        | 4,091              | 2.29         | 725   | 1.83  | 397   |
| 4               | Whitetail       | Resorts        | Mcconnellsburg | 393               | 12      | 1        | 1,605,396        | 772                | 2.27         | 4,085 | 1.96  | 2080  |
| 5               | Rutan           | Windridge      | Jefferson      | 1194              | 70      | 0        | 1,334,900        | 2,761              | 1.89         | 1,118 | 2.31  | 483   |
| 6               | Henry Clay      | Markleysburg   | Uniontown      | 1081              | 39      | 1        | 1,252,286        | 5,206              | 1.77         | 1,158 | 4.82  | 241   |
| 7               | Rutan           | Bristoria      | Jefferson      | 1213              | 53      | 0        | 1,217,675        | 3,730              | 1.72         | 1,004 | 3.08  | 326   |
| 8               | Butler          | Penn St        | Butler         | 2671              | 36      | 2        | 1,184,072        | 6,739              | 1.67         | 443   | 2.52  | 176   |
| 9               | Necessity       | Gibbon Glade   | Uniontown      | 491               | 25      | 0        | 1,169,893        | 1,277              | 1.65         | 2,383 | 2.60  | 916   |
| 10              | Mercersburg     | Cove Gap       | Mcconnellsburg | 881               | 32      | 1        | 1,014,934        | 1,453              | 1.43         | 1,152 | 1.65  | 699   |
| 11              | Bedford Road    | RT 220 North   | Hyndman        | 787               | 20      | 0        | 967,461          | 2,154              | 1.37         | 1,229 | 2.74  | 449   |
| 12              | Robbins         | Greenock       | Jeannette      | 1336              | 12      | 2        | 962,877          | 3,139              | 1.36         | 721   | 2.35  | 307   |
| 13              | Waterville      | Waterville     | State College  | 355               | 18      | 1        | 948,502          | 1,102              | 1.34         | 2,672 | 3.10  | 861   |
| 14              | North Union     | Mount Vernon   | Uniontown      | 900               | 14      | 3        | 938,573          | 6,348              | 1.33         | 1,043 | 7.05  | 148   |
| 15              | Shaffers Corner | Seventh St Rd  | Arnold         | 2093              | 29      | 2        | 896,635          | 6,262              | 1.27         | 428   | 2.99  | 143   |
| 16              | Saint Thomas    | Lemasters      | Mcconnellsburg | 382               | 27      | 1        | 827,205          | 715                | 1.17         | 2,165 | 1.87  | 1157  |
| 17              | Saltsburg       | Saltsburg      | Arnold         | 1420              | 31      | 2        | 792,478          | 3,618              | 1.12         | 558   | 2.55  | 219   |
| 18              | North Fayette   | Tyre           | McDonald       | 1463              | 29      | 2        | 771,069          | 4,225              | 1.09         | 527   | 2.89  | 183   |
| 19              | South Union     | York Run       | Uniontown      | 1479              | 20      | 0        | 742,597          | 2,188              | 1.05         | 502   | 1.48  | 339   |
| 20              | Karns City      | Kaylor         | Butler         | 1186              | 30      | 0        | 684,597          | 2,643              | 0.97         | 577   | 2.23  | 259   |
| 21              | Fountaindale    | Carroll Valley | Waynesboro     | 1217              | 53      | 1        | 672,470          | 3,355              | 0.95         | 553   | 2.76  | 200   |
| 22              | Saint Thomas    | Brandts Ch     | Waynesboro     | 742               | 28      | 1        | 665,089          | 1,674              | 0.94         | 896   | 2.26  | 397   |
| 23              | Necessity       | Ohio pyle      | Uniontown      | 844               | 40      | 0        | 659,969          | 1,295              | 0.93         | 782   | 1.53  | 510   |
| 24              | Piney Fork      | Gillhall       | Charleroi      | 2031              | 24      | 1        | 613,047          | 5,039              | 0.87         | 302   | 2.48  | 122   |
| 25              | Smithton        | Yukon          | Charleroi      | 1304              | 28      | 0        | 592,656          | 3,852              | 0.84         | 454   | 2.95  | 154   |
| 26              | Elderton        | Whitesburg     | Kittanning     | 579               | 20      | 1        | 579,292          | 879                | 0.82         | 1,001 | 1.52  | 659   |
| 27              | New Bethlehem   | Clarion Rd     | Clarion        | 1408              | 25      | 1        | 560,413          | 2,145              | 0.79         | 398   | 1.52  | 261   |
| 28              | Huntingdon      | Shawtown       | Jeannette      | 1737              | 16      | 1        | 558,836          | 2,731              | 0.79         | 322   | 1.57  | 205   |
| 29              | Kittanning      | Cadogan        | Kittanning     | 980               | 13      | 1        | 525,890          | 1,892              | 0.74         | 537   | 1.93  | 278   |
| 30              | Crossgates      | Robinhood      | Boyce          | 925               | 14      | 1        | 525,163          | 1,633              | 0.74         | 568   | 1.77  | 322   |

General Note:  
MAIFI values are not available

| West Penn Power |                 |                 |                 |                   |         |          |                  |                    |              |       |       |       |
|-----------------|-----------------|-----------------|-----------------|-------------------|---------|----------|------------------|--------------------|--------------|-------|-------|-------|
| Circuit Rank    | Substation      | Circuit Desc    | District        | Average Customers | Outages | Lockouts | Customer Minutes | Customers Affected | SAIDI Impact | SAIDI | SAIFI | CAIDI |
| 31              | Shaffers Corner | Stewart School  | Arnold          | 2003              | 13      | 2        | 512,376          | 6,156              | 0.72         | 256   | 3.07  | 83    |
| 32              | Vandergrift     | Roaring Run     | Arnold          | 949               | 35      | 1        | 509,662          | 1,553              | 0.72         | 537   | 1.64  | 328   |
| 33              | Normalville     | Mill Run        | Pleasant Valley | 578               | 14      | 1        | 479,308          | 807                | 0.68         | 829   | 1.40  | 594   |
| 34              | Weedville       | Weedville       | St Marys        | 1365              | 25      | 0        | 477,592          | 2,367              | 0.67         | 350   | 1.73  | 202   |
| 35              | Houston         | McGovern        | Washington      | 1576              | 36      | 0        | 475,585          | 2,846              | 0.67         | 302   | 1.81  | 167   |
| 36              | Peters          | McMurray        | Boyce           | 1385              | 16      | 1        | 472,975          | 2,185              | 0.67         | 342   | 1.58  | 216   |
| 37              | Avela           | W Middletown    | Washington      | 1137              | 41      | 0        | 465,449          | 1,900              | 0.66         | 409   | 1.67  | 245   |
| 38              | Charleroi       | Speers          | Charleroi       | 1460              | 24      | 1        | 462,795          | 2,376              | 0.65         | 317   | 1.63  | 195   |
| 39              | Eastgate        | East Greensburg | Jeannette       | 2095              | 21      | 2        | 457,349          | 6,965              | 0.65         | 218   | 3.32  | 66    |
| 40              | Crooked Creek   | Crooked Creek   | Kittanning      | 477               | 7       | 0        | 451,507          | 978                | 0.64         | 947   | 2.05  | 462   |

General Note:  
MAIFI values are not available

## ATTACHMENT B

### Worst Performing Circuits – Remedial Actions

| West Penn Power |               |              |  |                         |                              |
|-----------------|---------------|--------------|--|-------------------------|------------------------------|
| Rank            | Substation    | Circuit      | Remedial Actions Planned or Taken  | Status of Remedial Work | Date Remedial Work Completed |
| 1               | SAINT THOMAS  | EDENVILLE    | 48% of the CMI was due to non-preventable trees and 44% was due to preventable trees. The majority of the total CMI occurred during Hurricane Sandy.   |                         |                              |
|                 |               |              | A CEMI analysis was performed and any tap exceeding the threshold will be reviewed for possible additional mitigation.   | Complete                | Jan-13                       |
| 2               | CLEARVILLE    | CLEARVILLE   | 57% of the CMI was due to non-preventable trees and 33% was due to a line failure.   |                         |                              |
|                 |               |              | Cycle tree trimming.   | To be completed 2013    |                              |
| 3               | NORTH FAYETTE | BEECHCLIFF   | 69% of the CMI was due to non-preventable trees, 14% was due to line failure and 13% was due to forced outages.  |                         |                              |
|                 |               |              | On-cycle circuit inspection.   | To be completed 2013    |                              |
| 4               | WHITETAIL     | RESORTS      | 58% of the CMI was due to unknown causes, 21% was due to non-preventable trees and 17% was due to preventable trees. 36% of the total CMI was due to Hurricane Sandy.                            |                         |                              |
|                 |               |              | A CEMI analysis was performed and any tap exceeding the threshold will be reviewed for possible additional mitigation.   | Complete                | Jan-13                       |
| 5               | RUTAN         | WINDRIDGE    | 66% of the CMI was due to non-preventable trees and 18% was due to unknown causes.   |                         |                              |
|                 |               |              | Circuit reviewed for main line hardware issues.  | Complete                | Nov-12                       |
|                 |               |              | Cycle tree trimming.   | To be completed 2013    |                              |
| 6               | HENRY CLAY    | MARKLEYSBURG | 35% of the CMI was due to non-preventable trees and 35% was due to line failure.   |                         |                              |
|                 |               |              | Cycle tree trimming.   | Complete                | Nov-12                       |
| 7               | RUTAN         | BRISTORIA    | 31% of the CMI was due to non-preventable trees, 32% was due to equipment failure and 12% was due to damage caused by vehicles. The majority of the total CMI occurred during minor storm event. |                         |                              |
|                 |               |              | Cycle tree trimming.   | Complete                | Nov-12                       |

| West Penn Power |              |              |  |                         |                              |
|-----------------|--------------|--------------|--|-------------------------|------------------------------|
| Rank            | Substation   | Circuit      | Remedial Actions Planned or Taken  | Status of Remedial Work | Date Remedial Work Completed |
| 8               | BUTLER       | PENN ST      | 75% of the CMI was due to equipment failure and 13% was due to damage caused by vehicles.  |                         |                              |
|                 |              |              | Main line SAIFI hardware review.   | To be completed 2013    |                              |
| 9               | NECESSITY    | GIBBON GLADE | 68% of the CMI was due to non-preventable trees and 23% was due to a line failure.   |                         |                              |
|                 |              |              | Cycle tree trimming.   | To be completed 2013    |                              |
| 10              | MERCERSBURG  | COVE GAP     | 70% of the CMI was due to non-preventable trees and 11% was due to line failure. The majority of the total CMI occurred during Hurricane Sandy.              |                         |                              |
|                 |              |              | Cycle tree trimming.   | Complete                | Dec-12                       |
| 11              | BEDFORD ROAD | RT 220 NORTH | 80% of the CMI was due to non-preventable trees and 11% was due to unknown causes.   |                         |                              |
|                 |              |              | Cycle tree trimming.   | To be completed 2013    |                              |
| 12              | ROBBINS      | GREENOCK     | 75% of the CMI was due to non-preventable trees and 21% was due to unknown causes.   |                         |                              |
|                 |              |              | Zone 1 forestry review planned to note and correct any tree and hardware issues.   | To be completed 2013    |                              |
| 13              | WATERVILLE   | WATERVILLE   | 86% of the CMI was due to other electric utility and 10% was due to non-preventable trees.   |                         |                              |
|                 |              |              | Circuit is fed by foreign utility. Alternate supply options limited. Considered distributed generation as alternate feed option. Install circuit monitoring. | Complete                | Sep-12                       |
|                 |              |              | Circuit reviewed for main line hardware issues.  | Complete                | Aug-12                       |
|                 |              |              | Zone 1 danger tree work  | Complete                | Dec-12                       |

| West Penn Power |                 |               |   |                         |                              |
|-----------------|-----------------|---------------|---|-------------------------|------------------------------|
| Rank            | Substation      | Circuit       | Remedial Actions Planned or Taken   | Status of Remedial Work | Date Remedial Work Completed |
| 14              | NORTH UNION     | MOUNT VERNON  | <i>56% of the CMI was due to line failure and 38% due to damage caused by vehicles .</i>  |                         |                              |
|                 |                 |               | Cycle tree trimming.  | Complete                | Mar-13                       |
|                 |                 |               | Main line SAIFI hardware review.  | To be completed 2013    |                              |
| 15              | SHAFFERS CORNER | SEVENTH ST RD | <i>38% of the CMI was due to non-preventable trees and 48% was due to equipment failure. The majority of the total CMI occurred during minor storm event.</i> |                         |                              |
|                 |                 |               | Zone 1 tree trimming.   | Complete                | Jun-12                       |
|                 |                 |               | Cycle tree trimming.  | To be completed 2014    |                              |
| 16              | SAINT THOMAS    | LEMASTERS     | <i>95% of the CMI was due to non-preventable trees of which 65% occurred during Hurricane Sandy.</i>  |                         |                              |
|                 |                 |               | A CEMI analysis was performed and the circuit has no outage issues beyond the major storms.   | Complete                | Feb-13                       |
| 17              | SALTSBURG       | SALTSBURG     | <i>52% of the CMI was due ton-preventable trees end 40% was due to equipment failure.</i>   |                         |                              |
|                 |                 |               | Zone 1 forestry review planned to note and correct any tree and hardware issues.  | To be completed 2013    |                              |
| 18              | NORTH FAYETTE   | TYRE          | <i>70% of the CMI was due to non-preventable trees and 12% was due to line failure. The majority of the total CMI occurred during minor storm event.</i>      |                         |                              |
|                 |                 |               | Cycle tree trimming.  | Complete                | Dec-12                       |
| 19              | SOUTH UNION     | YORK RUN      | <i>28% of the CMI was due to non-preventable trees and 65% was due to equipment failure.</i>  |                         |                              |
|                 |                 |               | Cycle tree trimming.  | Complete                | Jun-13                       |

| West Penn Power |              |                |   |                         |                              |
|-----------------|--------------|----------------|---|-------------------------|------------------------------|
| Rank            | Substation   | Circuit        | Remedial Actions Planned or Taken   | Status of Remedial Work | Date Remedial Work Completed |
| 20              | KARNS CITY   | KAYLOR         | 25% of the CMI was due to non-preventable trees, 20% due to damage caused by vehicles and 37% was due to line failure. The majority of the total CMI occurred during minor storm event. |                         |                              |
|                 |              |                | Cycle tree trimming.  | Complete                | Dec-12                       |
| 21              | FOUNTAINDALE | CARROLL VALLEY | 69% of the CMI was due to non-preventable trees and 14% was due to equipment failure.   |                         |                              |
|                 |              |                | Zone 1 forestry review planned to note and correct any tree and hardware issues.  | To be completed 2013    |                              |
| 22              | SAINT THOMAS | BRANDTS CH     | 55% of the CMI was due to non-preventable trees, 23% due to preventable trees and 17% was due to unknown causes. The majority of the total CMI occurred during Hurricane Sandy.         |                         |                              |
|                 |              |                | Cycle tree trimming.  | Complete                | Dec-12                       |
| 23              | NECESSITY    | OHIOPYLE       | 30% of the CMI was due to non-preventable trees and 55% due to line failure.  |                         |                              |
|                 |              |                | Circuit reviewed for main line hardware issues.   | Complete                | Nov-12                       |
|                 |              |                | Cycle tree trimming.  | Complete                | Jun-12                       |
|                 |              |                | Main line SAIFI hardware review.  | To be completed 2013    |                              |
| 24              | PINEY FORK   | GILLHALL       | 44% of the CMI was due to equipment failure, 26% due to forced outage and 24% due to non-preventable trees.   |                         |                              |
|                 |              |                | Main line SAIFI hardware review.  | To be completed 2013    |                              |
| 25              | SMITHTON     | YUKON          | 12% of the CMI was due to non-preventable trees, 18% due to forced outage, 36% due to damage caused by vehicles and 26% was due to line failure.  |                         |                              |
|                 |              |                | No additional actions are planned for 2013.   |                         |                              |
| 26              | ELDETON      | WHITESBURG     | 36% of the CMI was due to preventable trees, 34% due to non-preventable trees and 21% due to unknown causes.  |                         |                              |
|                 |              |                | No additional actions are planned for 2013.   |                         |                              |

| West Penn Power |                 |                |  |                         |                              |
|-----------------|-----------------|----------------|--|-------------------------|------------------------------|
| Rank            | Substation      | Circuit        | Remedial Actions Planned or Taken  | Status of Remedial Work | Date Remedial Work Completed |
| 27              | NEW BETHLEHEM   | CLARION RD     | 77% of the CMI was due to non-preventable trees and 8% was due to line failure.                              |                         |                              |
|                 |                 |                | Zone 1 forestry review planned to note and correct any tree and hardware issues.                             | To be completed 2013    |                              |
| 28              | HUNTINGDON      | SHAWTOWN       | 74% of the CMI was due to non-preventable trees and 14% was due to forced outages..                          |                         |                              |
|                 |                 |                | Main line SAIFI hardware review.   | To be completed 2013    |                              |
| 29              | KITTINGING      | CADOGAN        | 52% of the CMI was due to non-preventable trees and 26% was due to equipment failure.                        |                         |                              |
|                 |                 |                | Cycle tree trimming.   | Complete                | Dec-12                       |
| 30              | CROSSGATES      | ROBINHOOD      | 74% of the CMI was due to non-preventable trees and 24% was due to unknown causes.                           |                         |                              |
|                 |                 |                | Cycle tree trimming.   | Complete                | Dec-12                       |
|                 |                 |                | Main line SAIFI hardware review.   | To be completed 2013    |                              |
| 31              | SHAFFERS CORNER | STEWART SCHOOL | 38% of the CMI was due to forced outage, 29% due to unknown causes and 25% due to damage caused by vehicles. |                         |                              |
|                 |                 |                | Zone 1 forestry review planned to note and correct any tree and hardware issues.                             | To be completed 2013    |                              |
| 32              | VANDERGRIFT     | ROARING RUN    | 92% of the CMI was due to non-preventable trees.   |                         |                              |
|                 |                 |                | Zone 1 forestry review planned to note and correct any tree and hardware issues.                             | To be completed 2013    |                              |
| 33              | NORMALVILLE     | MILL RUN       | 99% of the CMI was due to non-preventable trees.   |                         |                              |
|                 |                 |                | Cycle tree trimming.   | Complete                | Dec-12                       |

| West Penn Power |            |                 |  |                         |                              |
|-----------------|------------|-----------------|--|-------------------------|------------------------------|
| Rank            | Substation | Circuit         | Remedial Actions Planned or Taken  | Status of Remedial Work | Date Remedial Work Completed |
| 34              | WEEDVILLE  | WEEDVILLE       | <i>85% of the CMI was a result of non-preventable trees.</i>   |                         |                              |
|                 |            |                 | Zone 1 danger tree and equipment patrol.   | Complete                | Jun-13                       |
| 35              | HOUSTON    | MCGOVERN        | <i>57% of the CMI was a result of non-preventable trees and 23% was due to equipment failure.</i>                          |                         |                              |
|                 |            |                 | Zone 1 danger tree work  | Complete                | Dec-12                       |
|                 |            |                 | Follow up hardware corrections as a result of hardware review.   | To be completed 2013    |                              |
| 36              | PETERS     | MCMURRAY        | <i>82% of the CMI was a result of non-preventable trees.</i>   |                         |                              |
|                 |            |                 | Cycle tree trimming.   | Complete                | Dec-12                       |
|                 |            |                 | Zone 1 forestry review planned to note and correct any tree and hardware issues.   | To be completed 2013    |                              |
| 37              | AVELLA     | W MIDDLETOWN    | <i>23% of the CMI was a result of unknown causes, 29% due to preventable trees and 22% due to non-preventable trees.</i>   |                         |                              |
|                 |            |                 | No additional actions are planned for 2013.  |                         |                              |
| 38              | CHARLEROI  | SPEERS          | <i>58% of the CMI was due to preventable trees and 33% was due to equipment failure.</i>                                   |                         |                              |
|                 |            |                 | Cycle tree trimming.   | Complete                | Dec-12                       |
| 39              | EASTGATE   | EAST GREENSBURG | <i>37% of the CMI was due to forced outages, 21% due to equipment failure and 40% was due to damage caused by animals.</i> |                         |                              |
|                 |            |                 | Zone 1 forestry review planned to note and correct any tree and hardware issues.   | To be completed 2013    |                              |

| West Penn Power |               |               |   |                         |                              |
|-----------------|---------------|---------------|---|-------------------------|------------------------------|
| Rank            | Substation    | Circuit       | Remedial Actions Planned or Taken   | Status of Remedial Work | Date Remedial Work Completed |
| 40              | CROOKED CREEK | CROOKED CREEK | 93% of the CMI was due to non-preventable trees.                                  |                         |                              |
|                 |               |               | Cycle tree trimming.  | Complete                | Dec-12                       |
|                 | SALTSBURG     | AVONMORE      | 75% of the CMI was due to non-preventable trees and 13% was due to forced outage. |                         |                              |
|                 |               |               | Cycle tree trimming.  | To be completed 2013    |                              |
|                 | DUTCH FORK    | W ALEXANDER   | 59% of the CMI was due to non-preventable trees.                                  |                         |                              |
|                 |               |               | Cycle tree trimming.  | To be completed 2013    |                              |
|                 | BETHLEN       | DARLINGTON    | 70% of the CMI was due to non-preventable trees mostly during storm events.       |                         |                              |
|                 |               |               | Zone 1 danger tree work   | Complete                | Oct-12                       |
|                 |               |               | Main line SAIFI hardware review.  | To be completed 2013    |                              |
|                 | BETHLEN       | WILPEN        | 57% of the CMI was due to wind and 22% was due to non-preventable trees.          |                         |                              |
|                 |               |               | On-cycle circuit inspection.  | Complete                | Dec-12                       |
|                 |               |               | Cycle tree trimming.  | To be completed 2013    |                              |
|                 | MERRITTSTOWN  | REPUBLIC      | 47% of the CMI was due to non-preventable trees and 20% was due to line failure.  |                         |                              |
|                 |               |               | Cycle tree trimming.  | To be completed 2013    |                              |
|                 |               |               | Main line SAIFI hardware review.  | To be completed 2013    |                              |

| West Penn Power |                    |                |  |                         |                              |
|-----------------|--------------------|----------------|--|-------------------------|------------------------------|
| Rank            | Substation         | Circuit        | Remedial Actions Planned or Taken  | Status of Remedial Work | Date Remedial Work Completed |
|                 | VESTABURG          | MEXICO         | 62% of the CMI was due to non-preventable trees.   |                         |                              |
|                 |                    |                | Cycle tree trimming.   | To be completed 2013    |                              |
|                 | NORTH UNION        | GALLATIN       | 60% of the CMI was due to unknown causes.  |                         |                              |
|                 |                    |                | Cycle tree trimming.   | To be completed 2013    |                              |
|                 | VESTABURG          | LOW HILL       | 83% of the CMI was due to unknown causes.  |                         |                              |
|                 |                    |                | Cycle tree trimming  | To be completed 2013    |                              |
|                 | SILVERVILLE 138-12 | HARRISON       | 39% of customer interruptions was due to lightning, 28% was due to unknown caused outages and 15% was due to wind. |                         |                              |
|                 |                    |                | Cycle tree trimming  | To be completed 2013    |                              |
|                 | QUINCY             | SOUTH MOUNTAIN | 85% of customer interruptions were due to trees.   |                         |                              |
|                 |                    |                | Circuit reviewed for main line hardware issues.  | Complete                | Nov-12                       |
|                 |                    |                | Cycle tree trimming  | To be completed 2013    |                              |
|                 | GRAND POINT        | SCOTLAND       | 28% of customer interruptions was due to trees and 56% was due to line failure.                                    |                         |                              |
|                 |                    |                | Circuit reviewed for main line hardware issues.  | Complete                | Nov-12                       |
|                 |                    |                | Cycle tree trimming  | To be completed 2013    |                              |
|                 | SALTSBURG          | SALINA         | 37% of customer interruptions was due to trees and 41% was due to equipment failure.                               |                         |                              |
|                 |                    |                | Cycle tree trimming  | To be completed 2013    |                              |

ATTACHMENT C

West Penn Power's Compliance with Terms of the July 20, 2006  
Reliability Settlement

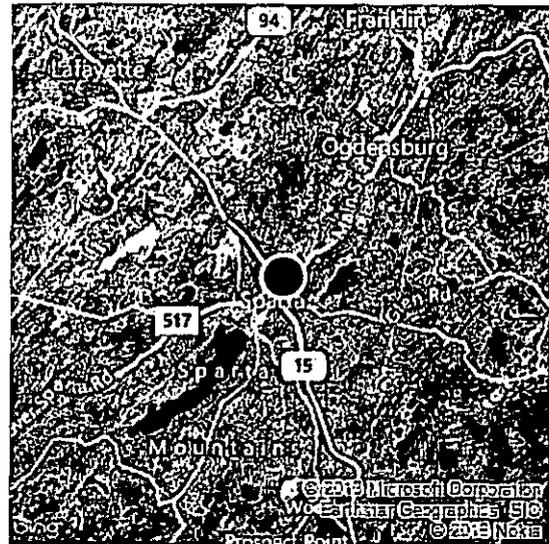
| Item       | Description   | Compliance Status       |
|------------|---|-------------------------|
| 2a.        | <p>Allegheny Power will make adjustments to its vegetation maintenance practices to reduce its rights-of-way clearing cycle to no longer than four years from [2005] through 2008 and will use the four-year cycle results to test the effectiveness of this approach. Allegheny Power reserves the right to change the cycle length after 2008 (after discussing with the parties) if another method with the cycle of more than four years appears more effective at managing its rights of way. Allegheny power will also make adjustments to its existing program to allow more focus on off-right-of-way danger trees.</p>   | Commitment completed.   |
| 2b.        | <p>Allegheny Power will maintain its 12-year inspection cycle for distribution and subtransmission wood poles and overhead facilities in a manner consistent with standard industry practices. These inspections will include visual inspections of the pole, the materials and equipment contained thereon from the ground line to the top of the pole, hammer soundings, borings, excavation and treatment of pole. In addition, Allegheny Power will commit to performing amid-cycle visual inspection of the pole and any material and equipment contained thereon, from the ground line to the pole top, incorporating reliability performance and performance of the materials and equipment into the prioritization of performing the mid-cycle inspections.</p>                 | Commitment implemented. |
| 2c.        | <p>Allegheny Power has committed to undertake a line workforce study that is to determine how many line workers should be hired to proactively prepare for anticipated retirements, to determine the optimal locations for line workers, to determine appropriate work shifts to reduce overtime, and to increase the effectiveness of its operations. Allegheny Power agrees to also study its substation workforce with the goal of estimating future staffing needs, preparing for anticipated retirements, determining the optimal locations and work shifts, and increasing the effectiveness of operations.</p> <p>The line and substation workforce study will be provide to the active parties and Allegheny Power will meet with them to discuss the results of the study.</p> | Commitment completed.   |
| 3.         | <p>Allegheny Power will provide the Parties copies of all reliability-related reports filed with the PUC under 52 Pa. Code § 57.195 and any additional documents that may be required under 52 Pa. Code § 57.194(h)(1).</p> <p>In addition, as part of its quarterly reliability reports, Allegheny Power will include a section reporting on its compliance with the terms of this settlement.</p>   | Commitment completed.   |
| 4a.<br>1-3 | <p>Allegheny Power will meet semi-annually with PREA/AEC and local cooperative staff to address reliability and other issues. Meetings will include the following topics:</p> <ol style="list-style-type: none"> <li>1) Discussion of most recent outages at PREA/AEC delivery points</li> <li>2) Identification and mutual agreement of Delivery Points that serve critical services/customers (identified as those which directly affect public safety)</li> <li>3) Discussion of performance on the five "worst performing" Delivery Points, including outage details and determination if corrective action is warranted and development of any appropriate corrective action plan to be completed in a reasonable period of time.</li> </ol>                                       | Commitment implemented. |

bing Maps

Station Rd, Sparta, NJ 07871

My Notes

On the go? Use [m.bing.com](http://m.bing.com) to find maps, directions, businesses, and more



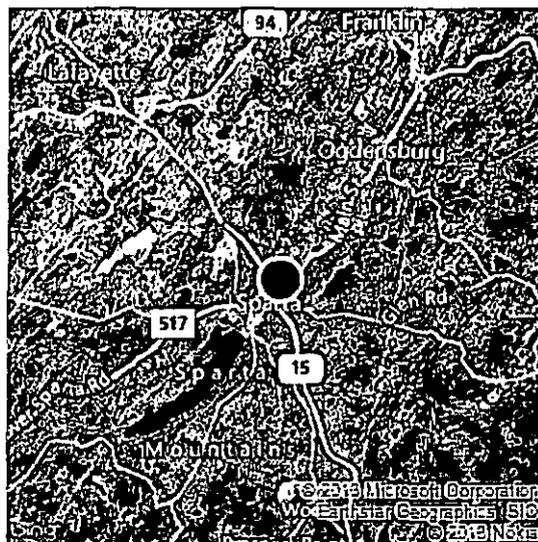
 Bird's eye view maps can't be printed, so another map view has been substituted.

bing Maps

Station Rd, Sparta, NJ 07871

My Notes

On the go? Use [m.bing.com](http://m.bing.com) to find maps, directions, businesses, and more



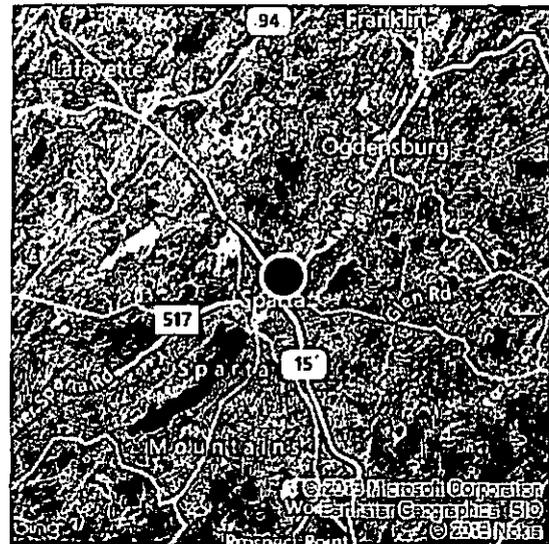
 Bird's eye view maps can't be printed, so another map view has been substituted.

bing Maps

Station Rd, Sparta, NJ 07871

My Notes

On the go? Use [m.bing.com](http://m.bing.com) to find maps, directions, businesses, and more



Bird's eye view maps can't be printed, so another map view has been substituted.

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**Supplemental 2<sup>nd</sup> Quarter 2013 Reliability     :**  
**Report – West Penn Power Company            :**

**CERTIFICATE OF SERVICE**

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

Service by first class mail, as follows:

John R. Evans  
Office of Small Business Advocate  
Suite 1102, Commerce Building  
300 North Second Street  
Harrisburg, PA 17101

Tanya McCloskey  
Office of Consumer Advocate  
555 Walnut Street  
5<sup>th</sup> Floor Forum Place  
Harrisburg, PA 17101-1923

David Dulick  
Pennsylvania Rural Electric Association  
212 Locust Street, 2<sup>nd</sup> Floor  
Harrisburg, PA 17101

Scott Rubin  
Utility Workers Union of America  
333 Oak Lane  
Bloomsburg, PA 17815-2036

Dated: September 16, 2013



Tori L. Giesler  
Attorney No. 207742  
FirstEnergy Service Company  
2800 Pottsville Pike  
P.O. Box 16001  
Reading, Pennsylvania 19612-6001  
(610) 921-6203  
tgiesler@firstenergycorp.com

Counsel for West Penn Power Company

**RECEIVED**

**SEP 16 2013**

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