



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

August 1, 2011

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

L-00030161

Re: 2<sup>nd</sup> Quarter 2011 Reliability Report – West Penn Power Company - Pursuant to  
52 Pa. Code §57.195(d) and (e)

Dear Secretary Chiavetta:

Enclosed for filing on behalf of West Penn Power Company is an original and six (6) copies of the  
2<sup>nd</sup> Quarter 2011 Reliability Report, pursuant to 52 Pa. Code §57.195(d) and (e).

Sincerely,

Douglas S. Elliott  
President, Pennsylvania Operations  
(610) 921-6060  
elliottd@firstenergycorp.com

Eric J. Dickson  
Director, Operations Services  
(330) 384-5970  
dicksone@firstenergycorp.com

RECEIVED

AUG 01 2011

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU



## 2011 2<sup>nd</sup> Quarter Reliability Report

West Penn Power Company

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

## 2<sup>nd</sup> Quarter 2011 Reliability Report – West Penn Power Company

The following 2<sup>nd</sup> Quarter 2011 Reliability Report is filed on behalf of West Penn Power Company (“West Penn Power”) for the period-ending June 30, 2011.

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

### *Major Events*

West Penn Power did not experience a major event during the reporting period ending June 30, 2011.

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

*Reliability Index Values*

2Q 2011 (12-Mo Rolling)	West Penn Power		
	Benchmark	12-Month Standard	12-Month Actual
SAIFI	1.05	1.26	1.32 <sup>1</sup>
CAIDI	170	204	188
SAIDI	179	257	248
Customers Served <sup>2</sup>	714,657		
Number of Sustained Interruptions	18,466		
Customers Affected	942,139		
Customer Minutes	177,127,115		

West Penn Power for 2<sup>nd</sup> Quarter 2011 are:

West Penn Power	
CAIDI	22% better than Commission's 12-Month Standard
SAIDI	4% better than Commission's 12-Month Standard

<sup>1</sup> West Penn Power's higher-than-normal SAIFI is directly attributed to several non-excludable storm events. These storms have contributed 0.46 to West Penn Power's SAIFI over the last 12 months.

<sup>2</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*

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

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

*Worst Performing Circuits – Remedial Action*

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

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

## Outages by Cause

### Outages by Cause – West Penn Power

Outages by Cause				
2nd Quarter 2011 12-Month Rolling	West Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
Trees - Off Right of Way	70,374,861	4,733	235,195	26%
Weather	38,830,632	2,367	135,700	13%
Overhead Line Material	8,853,598	1,872	92,930	10%
Unknown	13,580,098	1,848	103,552	10%
Public	11,137,785	1,483	117,081	8%
Animals	2,703,136	1,500	35,966	8%
Overhead Line Equipment	2,531,982	1,426	27,754	8%
Overhead Wire	7,627,521	1,175	71,959	6%
Trees - On Right of Way	14,802,321	1,086	54,564	6%
Underground Cable	2,392,476	521	14,707	3%
Other	1,358,229	209	18,636	1%
Substation Equipment	2,480,872	104	31,353	1%
Underground Line Equipment	235,360	103	1,435	1%
Underground Line Material	205,750	28	1,289	0%
Service Equipment	12,492	11	18	0%
<b>TOTAL</b>	<b>177,127,115</b>	<b>18,466</b>	<b>942,139</b>	<b>100%</b>

## Proposed Solutions – West Penn Power

### Reliability Improvement Program (RIP)

West Penn Power maintains a Reliability Improvement Program to help address poor performing distribution circuits. Many of the Ensure Reliability Service (ERS) programs, such as Annual Inspection and Maintenance (AIM), Pole Inspection, Vegetation Maintenance, etc., are performed on a scheduled basis. RIP provides a way to address circuit reliability problems outside of these scheduled maintenance activities.

The RIP teams conduct a detailed review of the poorest performing circuits and, if necessary, an improvement plan is developed. In addition to the poor performing circuits, the RIP teams will also investigate any circuit which has been interrupted multiple times in the prior twelve month period and corrective action is planned as necessary. To focus on isolated problems, the RIP teams will also investigate any sectionalizing device (line fuse or recloser) that has operated multiple times in a twelve month period and corrective action is planned as necessary.

### Expanded Forestry Danger Tree Program

West Penn Power's Danger Tree Program consists of removing, or significantly reducing in height, diseased or damaged trees located outside the boundary of the right-of-way (off ROW) that pose a threat to service reliability and/or the integrity of the line under any weather condition. Beginning in 2003, West Penn Power began targeting live, healthy trees as well that pose a threat to service reliability and/or integrity of the line by uprooting, breaking, or otherwise falling into the line.

In May 2011, West Penn Power instituted a special Danger Tree Inspection and Removal on 636 miles of mainline feeder on 143 distribution circuits identified as having the worst performance from tree-caused lockouts. This program is scheduled to be completed by the end of July and is in addition to West Penn Power's cycle tree trimming work that is scheduled for 2011.

### Reliability-based Vegetation Management Program

Rural distribution circuits are scheduled based on a predetermined formula which factors in time since last trimmed, tree related CMI over at least three years, and the number of customers on the circuit. Rural circuits with the worst cumulative ranking should be made highest priority when scheduling. Circuits trimmed within the past three years are not eligible for schedule trimming evaluation. Urban distribution circuits are planned on a cyclical schedule based on time since last trimmed. If multiple urban circuits are scheduled for the same year, reliability stats will further prioritize for scheduling purposes.

*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 2011		West Penn Power		
		Planned	Completed	
		Annual	2Q	YTD
Forestry	Transmission (Miles)	144 <sup>3</sup>	36	48
	Distribution (Miles)	2,800	766	986
Transmission	Aerial Patrols	2	1	1
	Groundline	167	0	0
Substation	General Inspections	5,050	1,066	2,589
	Transformers	390	83	225
	Breakers	271	110	213
	Relay Schemes	536	76	121
Distribution	Capacitors	1,331	90	1,293
	Poles	52,395	341	341
	Reclosers	337	54	128
	Radio-Controlled Switches	West Penn Power has no radio-controlled switches.		

<sup>3</sup> Plan number changed from 125 to 144 due to additional mileage being added

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

*Budgeted vs. Actual T&D Operation & Maintenance Expenditures<sup>4</sup>*

<b>T&amp;D O&amp;M - 2Q / YTD June 30, 2011</b>					
<b>Category</b>	<b>2Q Actuals</b>	<b>2Q Budget</b>	<b>YTD Actual</b>	<b>YTD Budget</b>	<b>Annual Budget</b>
Distribution Administration	(361,103)	(194,557)	(1,038,899)	(488,914)	(890,209)
Distribution System Operations	190,304	313,728	631,730	796,199	1,391,119
Asset Management	59,333	147,797	85,009	303,255	587,144
Distribution Support	2,270,584	2,380,164	4,197,918	3,619,359	8,033,641
Field Operations	4,238,254	5,031,162	8,772,894	9,407,203	17,744,239
Distribution Forestry	1,774,363	3,387,542	4,117,281	7,758,838	13,691,518
Transmission Other	(46,804)	121,470	205,917	280,993	534,731
Substations	740,945	956,301	1,985,825	1,939,071	3,836,786
Technical Services - Delivery	358,402	575,624	1,045,947	1,263,939	2,421,154
Transmission Forestry	250,672	945,377	693,170	1,104,155	2,318,254
Transmission Projects	42,103	95,279	24,212	192,506	368,561
Transmission Siting	90,112	121,868	207,698	288,508	763,312
Distribution Safety, Training, Quality Assurance	94,454	170,467	234,575	354,472	646,913
Transmission Reliability and System Support	13,608	25,229	75,379	68,019	136,514
EMS Support	113,621	193,603	324,413	398,064	725,576
Transmission System Operations	206,460	261,302	641,092	686,115	1,212,273
Transmission Operations Administration	14,279	19,975	34,462	51,975	91,925
Transmission Engineering and Operations Administration	50,718	115,290	152,566	217,229	427,269
Transmission Planning and Compliance	49,942	80,771	125,864	188,368	351,672
Transmission Engineering	526,977	852,836	1,265,805	1,619,246	3,097,768
	<b>10,677,225</b>	<b>15,601,229</b>	<b>23,782,856</b>	<b>30,048,600</b>	<b>57,490,160</b>

<sup>4</sup> Budgets 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>5</sup>*

<b>T&amp;D Capital- 2Q / YTD June 30, 2011</b>					
<b>Category</b>	<b>2Q Actuals</b>	<b>2Q Budget</b>	<b>YTD Actual</b>	<b>YTD Budget</b>	<b>Annual Budget</b>
EHV Substation	1,310,487	964,620	655,321	1,762,379	3,859,969
EHV Lines	92,665	1,759,016	(677,497)	2,422,289	3,804,002
Transmission Substations	521,177	1,628,137	1,372,709	3,514,184	7,437,622
Transmission Lines	2,899,599	7,576,372	5,396,026	12,816,683	21,390,630
Distribution Substations	2,214,076	2,848,881	4,469,217	4,988,943	11,988,728
Distribution Lines	14,271,000	12,135,690	25,174,513	22,794,480	44,566,738
General Plant	3,796,182	2,776,796	8,505,490	4,300,280	7,087,482
Subtransmission Lines	1,205,755	146,982	2,916,958	(346,407)	1,197,351
	<b>26,310,940</b>	<b>29,836,493</b>	<b>47,812,736</b>	<b>52,252,832</b>	<b>101,332,522</b>

<sup>5</sup> The Q1 Actuals have been revised to reflect changes that were made after the submission of the 1Q Reliability Report. Budgets 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 2011					
Department	Staff	1Q	2Q	3Q	4Q
Line	Leader / Chief	88	86		
	Lineman	179	176		
Substation	Leader	14	14		
	Electrician	47	51		
	<b>Total</b>	<b>328</b>	<b>327</b>		

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 2011 (\$)</b>					
	<b>1Q</b>	<b>2Q</b>	<b>3Q</b>	<b>4Q</b>	<b>Total</b>
<b>West Penn Power</b>	891,214	216,645			<b>1,107,859</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 - 2011</b>	
	<b>West Penn Power</b>
<b>January</b>	41%
<b>February</b>	39%
<b>March</b>	42%
<b>April</b>	30%
<b>May</b>	32%
<b>June</b>	29%

### Call-out Acceptance Rate

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					
2011	Total Call-Outs	Workers Accepting	Elapsed Time (Minutes)	Average Response Time per Crew Call-Out (Minutes)	Average Response Rate Per Workers Accepting (Minutes)
April	1,310	1,096	4,892	3.73	4.46
May	1,231	1,077	4,644	3.77	4.31
June	1,158	960	4,999	4.32	5.21
<b>2Q Total</b>	<b>3,699</b>	<b>3,133</b>	<b>14,535</b>	<b>3.93</b>	<b>4.64</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 Time Per Workers Accepting = Elapsed Time divided by Workers Accepting

ATTACHMENT A

Worst Performing Circuits - Reliability Indices

Blank Page

West Penn Power 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.

West Penn Power												
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	DCII	SAIFI	SAIDI	CAIDI
1	MERRITTSTOWN	BRIER HILL	Uniontown	412	23	1	1,436,432	647	(247)	1.57	3,486	2,220
2	MERRITTSTOWN	REPUBLIC	Uniontown	1,631	71	1	5,735,311	6,694	(182)	4.10	3,517	857
3	WEST FINLEY	WEST FINLEY	Jefferson	132	18	0	398,804	262	(181)	1.99	3,026	1,522
4	VESTABURG DISTRIBUTION	MEXICO	Jefferson	588	52	0	1,925,801	1,623	(179)	2.76	3,275	1,187
5	FOOTEDALE	FOOTEDALE	Uniontown	1,207	57	3	3,740,285	3,236	(167)	2.68	3,100	1,156
6	LAGONDA	PROSPERITY	Washington	476	50	0	1,433,826	1,550	(152)	3.26	3,014	925
7	EAST MILLSBORO	EAST MILLSBORO	Uniontown	171	52	6	501,479	1,324	(149)	7.72	2,925	379
8	MARIANNA	TEN MILE	Jefferson	348	36	5	999,761	1,383	(137)	3.97	2,870	723
9	MARIANNA	MARIANNA	Jefferson	760	48	2	1,772,110	1,609	(116)	2.12	2,332	1,101
10	MERRITTSTOWN	MERRITTSTOWN	Uniontown	857	18	1	1,752,638	1,270	(114)	1.48	2,045	1,380
11	MAXWELL	MAXWELL	Uniontown	207	11	1	457,523	435	(106)	2.10	2,209	1,052
12	WATERVILLE	WATERVILLE	State College	355	54	4	779,300	2,652	(102)	7.47	2,196	294
13	AMITY	AMITY	Washington	513	33	3	1,160,964	1,426	(100)	2.78	2,264	814
14	VESTABURG DISTRIBUTION	LOW HILL	Jefferson	705	50	1	1,412,113	1,813	(81)	2.57	2,002	779
15	LONG FARM SHAFT	LONG FARM SHAFT	Washington	122	8	1	230,890	261	(79)	2.14	1,893	885
16	VANCEVILLE	VANCEVILLE	Charleroi	1,346	99	3	2,493,034	3,389	(70)	2.52	1,852	736
17	NORTH UNION	OLIVER	Uniontown	754	75	0	1,302,522	1,563	(66)	2.07	1,727	833
18	DRIFTWOOD	DRIFTWOOD	St Marys	973	137	1	1,799,382	4,185	(65)	4.30	1,850	430
19	PANCAKE	STRABANE	Washington	321	7	1	415,145	326	(62)	1.02	1,294	1,273
20	VESTABURG DISTRIBUTION	FREDERICKTOWN	Jefferson	842	31	6	1,504,591	3,553	(60)	4.22	1,787	423
21	LARDIN	MCCLELLANDTOWN	Uniontown	560	30	1	955,136	1,414	(58)	2.53	1,707	675
22	FOOTEDALE	NEW SALEM	Uniontown	1,043	58	2	1,752,680	2,486	(57)	2.38	1,681	705
23	RICHEYVILLE	CENTERVILLE	Charleroi	939	35	2	1,618,046	3,826	(56)	4.08	1,724	423

West Penn Power												
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	DCI	SAIFI	SARDI	CAIDI
24	PANCAKE	VANCE	Washington	386	13	1	544,232	547	(53)	1.42	1,409	995
25	ARENSBURG	ARENSBURG	Uniontown	135	10	1	212,631	327	(48)	2.42	1,575	650
26	LAKE LYNN	LAKE LYNN DIST. #1	Uniontown	272	33	1	423,195	1,397	(48)	5.13	1,555	303
27	JOURDAN	COMMERCIAL#1	Uniontown	302	7	2	439,021	607	(43)	2.01	1,455	723
28	MANIFOLD	DAVIS SCHOOL	Washington	159	1	0	100,398	63	(41)	0.40	631	1,594
29	NORTH UNION	FAN HOLLOW	Uniontown	567	50	1	775,149	982	(40)	1.73	1,367	789
30	GREENSBORO	POLAND	Jefferson	154	4	0	109,115	75	(37)	0.49	709	1,455
31	BENTLEYVILLE	ELLSWORTH	Charleroi	2,046	88	3	2,564,424	12,770	(34)	6.24	1,254	201
32	RICHEYVILLE	DEEMS	Charleroi	405	18	1	531,548	838	(30)	2.07	1,311	634
33	NORMALVILLE	INDIANHEAD	Pleasant Valley	572	11	1	593,103	630	(27)	1.10	1,037	941
34	FRAZIER	WICKHAVEN	Pleasant Valley	738	53	1	954,680	1,790	(26)	2.42	1,293	533
35	RUTAN	WINDRIDGE	Jefferson	1,189	88	1	1,558,387	3,796	(25)	3.19	1,310	411
36	ETHEL SPRINGS	PANDORA	Latrobe	1,389	43	0	1,267,104	1,235	(24)	0.89	912	1,026
37	NORTH UNION	PHILLIPS	Uniontown	1,435	69	2	1,801,745	3,996	(21)	2.79	1,256	451
38	HOUSTON	MONINGER	Washington	942	34	4	1,148,333	4,053	(21)	4.30	1,219	283
39	BETHELBORO	BUTE	Uniontown	513	18	3	635,094	1,627	(19)	3.17	1,237	390
40	SEWICKLEY	WENDEL	Jeannette	719	51	3	858,182	1,790	(17)	2.49	1,193	479
41	AMITY	BANETOWN	Washington	1,467	97	2	1,741,334	4,783	(16)	3.26	1,187	364
42	CALIFORNIA	MALDEN	Charleroi	1,094	122	3	1,096,494	5,936	(12)	5.43	1,002	185

ATTACHMENT B

Worst Performing Circuits – Remedial Action

Blank Page

<b>West Penn Power</b>			
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>
1	MERRITTSTOWN	BRIER HILL	Performance was driven by the August 4-7th non-excludable storm event. Circuit review will be performed. Analysis will include preparing circuit outage maps using historical outage information, evaluating outage causes and locations, inputting data into a circuit analysis template, and determining potential capital and operations and maintenance projects to pursue.
2	MERRITTSTOWN	REPUBLIC	Performance was driven by the August 4-7th non-excludable storm event. Circuits reviewed for danger trees
3	WEST FINLEY	WEST FINLEY	Performance was driven by the August 4-7th non-excludable storm event (66% of CMI). Tree trimming planned for 2012 Further analysis of this circuit showed out of the remaining incidents, two locations had 9% of the CMI each. The first had one incident which occurred during a snow storm on 12/09/09, which was also not excluded. The second location was the substation recloser. This location had two comparable outages, both of unknown cause. One of these was on the Subtransmission system feeding the substation.
4	VESTABURG DISTRIBUTION	MEXICO	Performance was driven by the August 4-7th non-excludable storm event (88% of CMI). Circuit outage maps were created including a review of outage causes. No additional actions indicated. Monitor reliability outside of storm event.
5	FOOTEDALE	FOOTEDALE	Performance was driven by the August 4-7th non-excludable storm event. Circuits reviewed for danger trees
6	LAGONDA	PROSPERITY	Performance was driven by the August 4-7th non-excludable storm event. Circuits reviewed for danger trees
7	EAST MILLSBORO	EAST MILLSBORO	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
8	MARIANNA	TEN MILE	Performance was driven by the August 4-7th non-excludable storm event. Action Plan in development. Will create circuit outage maps to review outages and associated causes.
9	MARIANNA	MARIANNA	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
10	MERRITTSTOWN	MERRITTSTOWN	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
11	MAXWELL	MAXWELL	Performance was driven by the August 4-7th non-excludable storm event. Circuit outage maps were created including a review of outage causes. No additional actions indicated. Monitor reliability outside of storm event.

<b>West Penn Power</b>			
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>
12	WATERVILLE	WATERVILLE	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
13	AMITY	AMITY	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for danger trees
14	VESTABURG DISTRIBUTION	LOW HILL	Performance was driven by the August 4-7th non-excludable storm event. Circuit outage maps were created including a review of outage causes. No additional actions indicated. Monitor reliability outside of storm event.
15	LONG FARM SHAFT	LONG FARM SHAFT	Performance was driven by the August 4-7th non-excludable storm event. Circuit review will be performed. Analysis will include circuit outage maps (already prepared) using historical outage information, evaluating outage causes and locations, inputting data into a circuit analysis template, and determining potential capital and operations and maintenance projects to pursue.
16	VANCEVILLE	VANCEVILLE	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for danger trees
17	NORTH UNION	OLIVER	Performance was driven by the August 4-7th non-excludable storm event. Tree trimming planned for 2012. Circuit outage maps were created including a review of outage causes. No additional actions indicated. Monitor reliability outside of storm event.
18	DRIFTWOOD	DRIFTWOOD	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
19	PANCAKE	STRABANE	Performance was driven by the August 4-7th non-excludable storm event. Action Plan in development. Will create circuit outage maps to review outages and associated causes.
20	VESTABURG DISTRIBUTION	FREDERICKTOWN	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
21	LARDIN	MCCLELLANDTOWN	Performance was driven by the August 4-7th non-excludable storm event. Circuits reviewed for danger trees
22	FOOTEDALE	NEW SALEM	Performance was driven by the August 4-7th non-excludable storm event. Circuits reviewed for danger trees
23	RICHEYVILLE	CENTERVILLE	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
24	PANCAKE	VANCE	Performance was driven by the August 4-7th non-excludable storm event. 2011 CAIDI PHASE 1 project planned. Circuit outage maps were created including a review of outage causes. No additional actions indicated beyond CAIDI project. Monitor reliability outside of storm event.

<b>West Penn Power</b>			
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>
25	ARENSBURG	ARENSBURG	Performance was driven by four incidents for the entire year, two of which contributed to 99% of CMI and one event caused by lightning at the substation. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
26	JOURDAN	COMMERCIAL#1	Performance was driven by the August 4-7th non-excludable storm event. Circuit conversion planned from 4 kV to 12 kV. Station reclosers to be added and coordination planned. Circuit outage maps were created including a review of outage causes. No additional actions indicated beyond projects mentioned. Monitor reliability outside of storm event.
27	MANIFOLD	DAVIS SCHOOL	Performance was driven by the August 4-7th non-excludable storm event. Action Plan in development. Will create circuit outage maps to review outages and associated causes.
28	NORTH UNION	FAN HOLLOW	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
29	GREENSBORO	POLAND	Performance was driven by the August 4-7th non-excludable storm event. Action Plan in development. Will create circuit outage maps to review outages and associated causes.
30	BENTLEYVILLE	ELLSWORTH	Performance was driven by the August 4-7th non-excludable storm (30% CMI). In addition, another 30% of the outages were caused by public - vehicle, tree cut in line and foreign object. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
31	RICHEYVILLE	DEEMS	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for danger trees
32	NORMALVILLE	INDIANHEAD	Performance was driven by high winds during a non-excludable storm. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
33	FRAZIER	WICKHAVEN	Performance was driven by the August 4-7th non-excludable storm event. Circuit review will be performed. Analysis will include preparing circuit outage maps using historical outage information, evaluating outage causes and locations, inputting data into a circuit analysis template, and determining potential capital and operations and maintenance projects to pursue.
34	RUTAN	WINDRIDGE	Performance was driven by the August 4-7th non-excludable storm event. Action Plan in development. Will create circuit outage maps to review outages and associated causes.
35	ETHEL SPRINGS	PANDORA	Performance was driven by high winds and fallen off right-of-way trees. Action Plan in development. Will create circuit outage maps to review outages and associated causes.

<b>West Penn Power</b>			
<b>Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>
36	NORTH UNION	PHILLIPS	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
37	HOUSTON	MONINGER	Performance was driven by fallen off right-of-way trees during the August 4-7th event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
38	BETHELBORO	BUTE	Performance was driven by the August 4-7th non-excludable storm event. Circuit reviewed for main line hardware issues. Work requests prepared for corrective work.
39	SEWICKLEY	WENDEL	Performance was driven by wind and off right-of-way trees during the March 23, 2011 storm event. Action Plan in development. Will create circuit outage maps to review outages and associated causes.
40	AMITY	BANETOWN	Performance was driven by wind during the August 4-7, 2010 storm event. Action Plan in development. Will create circuit outage maps to review outages and associated causes.
41	RUFF	RUFF CREEK	Performance was driven by the August 4-7th non-excludable storm event. Action Plan in development. Will create circuit outage maps to review outages and associated causes.
42	CALIFORNIA	MALDEN	Performance was driven by the August 4-7th non-excludable storm event. Action Plan in development. Will create circuit outage maps to review outages and associated causes.

ATTACHMENT C

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

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.</p> <p>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.</p> <p>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. 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.

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**2<sup>nd</sup> Quarter 2011 Reliability Report – West :  
Penn Power Company - Pursuant to 52 Pa. :  
Code § 57.195(d) and (e)**

**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 overnight United Parcel Service, as follows:

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street, 2<sup>nd</sup> Floor  
Harrisburg, PA 17120  
Office of Small Business Advocate  
Suite 1102 Commerce Building  
300 North Second Street  
Harrisburg, PA 17101  
Scott J. Rubin, Esquire  
Utility Workers Union of America  
333 Oak Lane  
Bloomsburg, PA 17815

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

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

Service by electronic mail, as follows:

Darren Gill  
Blaine Loper  
Bureau of Conservation, Economics & Energy  
Planning  
Pennsylvania Public Utility Commission  
[dgill@state.pa.us](mailto:dgill@state.pa.us)  
[bloper@state.pa.us](mailto:bloper@state.pa.us)

Dan Searfoorce  
Bureau of Fixed Utility Services  
Pennsylvania Public Utility Commission  
[dsearfoorc@state.pa.us](mailto:dsearfoorc@state.pa.us)

Dated: August 1, 2011

Original Signed:

  
Lori B. Barman  
FirstEnergy Service Company  
76 S. Main Street  
Akron, OH 44308  
(330) 252-6380  
[lbarman@firstenergycorp.com](mailto:lbarman@firstenergycorp.com)

**RECEIVED**

AUG 01 2011

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

RECEIVED

LORI B BARMAN  
330-252-6380  
PE SERVICE COMPANY  
76 SOUTH MAIN  
AKRON OH 44308

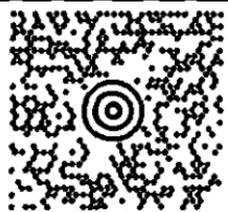
0.0 ~~1.89~~ <sup>Aug 01</sup> 2011

1 OF 1

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**SHIP TO:**

ROSEMARY CHIAVETTA, SECRETARY  
717727777  
PENNSYLVANIA PUBLIC UTILITIES COMMI  
COMMONWEALTH KEYSTONE BUILDING  
400 NORTH STREET, 2ND FLOOR  
HARRISBURG PA 17120



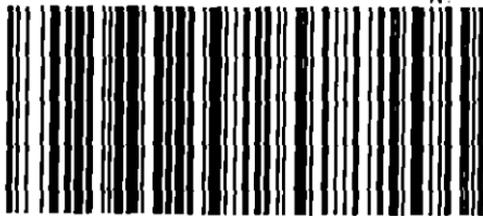
PA 171 9-20



**UPS NEXT DAY AIR**

TRACKING #: 1Z 475 886 01 9308 0722

**1**



BILLING: P/P