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February 3, 2014

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VIA UNITED PARCEL SERVICE

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120

FEB 03 2014

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

L-0003 0161

Re: 4th 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 4th 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

Enclosures

- 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)

L-00030161

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UTILITY COMMISSION
PUBLIC SERVICE BUREAU



2013 4th Quarter Reliability Report

West Penn Power Company

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

4th 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 future¹.

Major Events

West Penn Power did not experience any major events during the reporting period ending December 31, 2013.

¹ 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 MAIFI² values are provided, the report shall also include the number of customer momentary interruptions.

Reliability Index Values

4Q 2013 (12-Mo Rolling)	West Penn Power		
	Benchmark	12-Month Standard	12-Month Actual
SAIFI	1.05	1.26	1.21 ³
CAIDI	170	204	183 ³
SAIDI	179	257	222 ³
Customers Served ⁴	710,379		
Number of Sustained Interruptions	11,430		
Customers Affected	863,104		
Customer Minutes	157,751,725		

² MAIFI values are not available

³ West Penn Power experienced 27 storm days in 2013 compared to an average of 23 storm days, which led to the higher than normal SAIDI, CAIDI and SAIFI levels. The events occurring on July 9-11 and November 1, 2013 contributed a SAIFI impact of 0.17 and a SAIDI impact of 65.7 minutes.

⁴ 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 Power⁵

Outages by Cause				
4th Quarter 2013 12-Month Rolling	West Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
EQUIPMENT FAILURE	26,334,683	2,335	175,741	20.43%
UNKNOWN	16,443,556	1,856	106,987	16.24%
TREES OFF ROW-TREE	49,962,288	1,524	135,965	13.33%
FORCED OUTAGE	13,286,903	1,267	163,291	11.08%
LINE FAILURE	17,925,397	1,045	76,169	9.14%
ANIMAL	2,664,483	1022	28,191	8.94%
TREES/NOT PREVENTABLE	8,985,043	624	42,526	5.46%
VEHICLE	5,724,060	350	44,732	3.06%
TREES OFF ROW-LIMB	5,390,579	335	28,393	2.93%
TREES ON ROW	4,505,225	264	15,425	2.31%
TREES - SEC/SERVICE	218,306	212	521	1.85%
BIRD	471,053	209	4,304	1.83%
LIGHTNING	2,907,124	140	15,967	1.22%
HUMAN ERROR -NON-COMPANY	906,071	88	9,004	0.77%
UG DIG-UP	81,061	34	493	0.30%
HUMAN ERROR - COMPANY	274,849	25	6,472	0.22%
TREES/PREVENTABLE	72,508	18	413	0.16%
OBJECT CONTACT WITH LINE	61,986	15	205	0.13%
OVERLOAD	433,295	13	3,420	0.11%
VANDALISM	22,740	13	77	0.11%
CUSTOMER EQUIPMENT	133,940	12	155	0.10%
FIRE	35,003	9	148	0.08%
OTHER ELECTRIC UTILITY	683,771	6	3,178	0.05%
PREVIOUS LIGHTNING	137,787	4	798	0.03%
SWITCHING ERROR	16,516	4	205	0.03%
CONTAMINATION	1,425	2	9	0.02%
WIND	47,765	2	19	0.02%
ICE	118	1	1	0.01%
OTHER UTILITY-NON ELEC	24,190	1	295	0.01%
Total	157,751,725	11,430	863,104	100.00%

⁵In 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

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.

Unknown

There are numerous events, which are typically transient in nature, that result in outages with an unknown cause. Procedures are in place for field personnel to investigate recurring outages on a specific sectionalizing device. Experience has shown that very few of the outage events classified as unknown are recurrent in nature. West Penn Power also introduced a root cause analysis process for all circuit lockouts that includes field patrols of all unknown outage causes.

Trees Off ROW-Tree

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 has been an ongoing effort, continuing throughout 2013.

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

Information is not required for the 4th Quarter report.

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

Information is not required for the 4th Quarter report.

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

Information is not required for the 4th Quarter report.

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	2Q	3Q	4Q
Line	Leader / Chief	79	76	78	77
	Lineman	175	160	155	151
Substation	Leader	14	14	14	13
	Electrician	50	45	42	42
	Total	318	295	289	283

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.

Contractor Expenditures 2013 (\$)					
	1Q	2Q	3Q	4Q	Total
West Penn Power	2,698,887	3,019,778	4,609,892	2,627,273	12,955,830

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.

Call-out Acceptance Rate - 2013	
	West Penn Power
January	33%
February	29%
March	30%
April	28%
May	24%
June	23%
July	23%
August	23%
September	22%
October	23%
November	27%
December	20%

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)
October	732	550	2,926	4.00	5.32
November	926	705	3,099	3.35	4.40
December	884	593	3,569	4.04	6.02
4Q Total	2,542	1,848	9,594	3.77	5.19

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	Tri Town	Dawson	Pleasant Valley	950	18	1	1,903,918	1,639	2.58	2,004	1.73	1,162
2	Houston	Ilcgvorn	Washington	1,584	40	1	1,535,458	4,915	2.15	969	3.10	312
3	Houston	Canonsburg	Washington	1,964	16	2	1,526,305	4,296	2.15	777	2.19	355
4	Amity	Banetown	Washington	1,474	50	0	1,388,974	2,693	1.96	942	1.83	516
5	Vanceville	Vanceville	Charleoi	1,375	52	0	1,377,811	2,519	1.94	1,002	1.83	547
6	Franklin	South Waynesburg	Jefferson	2,127	36	1	1,371,575	4,025	1.93	645	1.89	341
7	Avella	W. Middletown	Washington	1,143	53	0	1,160,309	2,132	1.63	1,015	1.87	544
8	Butler	Penn St	Butler	2,702	40	2	1,156,544	7,189	1.63	428	2.66	161
9	Dutch Fork	Claysville	Washington	1,616	60	1	1,131,722	3,456	1.59	700	2.14	327
10	Dutch Fork	W. Alexander	Washington	1,126	38	1	1,059,373	2,076	1.49	941	1.84	510
11	Howard	Town	State College	1,119	51	0	1,052,985	2,336	1.48	941	2.09	451
12	Harwick	Harmar	Arnold	944	15	1	1,028,249	3,427	1.45	1,089	3.63	300
13	Piney Fork	Gillhall	Charleoi	2,048	30	0	952,605	5,723	1.34	465	2.79	166
14	Eastgate	Brooklane	Jeannette	2,353	22	0	945,878	6,117	1.33	402	2.60	155
15	White Valley	Borlands Rd	Jeannette	1,366	21	1	935,440	2,478	1.32	685	1.81	378
16	Carmichaels	Carmichaels	Jefferson	1,642	16	2	895,442	5,253	1.26	545	3.20	170
17	New Bethlehem	Clarion Rd	Clarion	1,411	20	2	885,851	4,004	1.25	628	2.84	221
18	Linden-Wash	Wylandville	Washington	899	39	0	833,803	1,454	1.17	927	1.62	573
19	Franklin	West Waynesburg	Jefferson	2,420	37	2	821,921	5,813	1.16	340	2.40	141
20	Robbins	Greenock	Jeannette	1,338	13	1	794,468	2,104	1.12	594	1.57	378
21	Mconnellsburg	Harrisonville	Mconnellsburg	1,368	25	0	778,594	2,326	1.10	569	1.70	335
22	Bethlen	Darlington	Latrebe	1,250	65	2	772,814	4,233	1.09	618	3.39	183
23	St. Clair	Lesnett	Boyce	1,635	19	1	771,651	2,405	1.09	472	1.47	321
24	Saltsburg	Saltsburg	Arnold	1,429	39	2	769,217	3,457	1.08	538	2.42	223
25	Howard	Jacksonville	State College	507	16	0	727,724	1,468	1.02	1,435	2.90	496
26	Crossgates	Peters Twp	Boyce	1,091	15	1	701,806	1,764	0.99	643	1.62	398
27	Sewickley	Adamsburg	Jeannette	1,286	26	4	674,277	6,266	0.95	524	4.87	108
28	White Valley	Congruity	Jeannette	1,743	56	0	665,219	5,901	0.94	382	3.39	113
29	Murrycrest	North Hills Road	Jeannette	1,244	32	1	664,792	3,816	0.94	534	3.07	174
30	Gordon	Wolfdale	Washington	1,929	45	0	661,520	3,254	0.93	343	1.69	203

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	Herman	Herman	Butler	778	34	0	657,944	3,143	0.93	845	4.04	209
32	Necessity	Ohiovale	Uniontown	854	30	0	652,374	1,717	0.92	764	2.01	360
33	Stahlstown	Mansville	Latrobe	499	21	0	641,605	899	0.90	1,285	1.80	714
34	Mateer	Dime Rd	Arnold	1,215	50	0	633,734	2,259	0.89	521	1.86	281
35	White Valley	Export	Jeannette	2,078	42	1	613,375	4,982	0.86	295	2.40	123
36	Frazier	Wickhaven	Pleasant Valley	732	16	1	588,910	1,353	0.83	805	1.85	435
37	Vestaburg	Fredericktown	Jefferson	855	12	1	583,819	1,674	0.82	683	1.95	349
38	Smithton	Yukon	Charleroi	1,317	23	0	563,562	2,489	0.79	428	1.89	226
39	Roundhill	Roundhill	Charleroi	879	47	1	563,556	4,471	0.79	641	5.09	126
40	North Union	Gallatin	Uniontown	2,695	14	1	560,634	4,190	0.79	208	1.55	134

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	Tri Town	Dawson	96% of the CMI was due to non-preventable trees.		
			Cycle tree trimming.	To be completed 2014	
2	Houston	Mcgovern	91% of the CMI was due to non-preventable trees.		
			Zone 1 danger tree work	Complete	Dec-12
			Follow up hardware corrections as a result of hardware review.	Complete	Jun-13
			Cycle tree trimming.	To be completed 2014	
3	Houston	Canonsburg	96% of the CMI was due to non-preventable trees and 64% of the CMI occurred on 1 day - July 10, 2013. This was major storm day for WPP.		
			No additional actions are planned for 2014.		
4	Amity	Banetown	60% of the CMI was due to non-preventable trees, 21% due equipment failure and 13% was due to unknown causes.		
			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
5	Vanceville	Vanceville	<i>32% of the CMI was due to non-preventable trees, 47% due line failure and 13% was due to unknown causes.</i>		
			Cycle tree trimming.	To be completed 2014	
6	Franklin	South Waynesburg	<i>46% of the CMI was due to non-preventable trees and 41% due to unknown causes. Two-thirds of the CMI occurred on 1 day - July 10, 2013.</i>		
			No additional actions are planned for 2014.		
7	Avella	W. Middletown	<i>12% of the CMI was due to line failure, 56% due non-preventable trees and 18% was due to preventable trees.</i>		
			Cycle tree trimming.	To be completed 2014	
8	Butler	Penn St	<i>37% of the CMI was due to equipment failure and 53% was due to lightning.</i>		
			Main line SAIFI hardware review.	Complete	Dec-13
9	Dutch Fork	Claysville	<i>59% of the CMI was due to equipment failure and 19% due to non-preventable trees. Half of the CMI occurred on one day - July 10, 2013.</i>		
			No additional actions are planned for 2014.		
10	Dutch Fork	W. Alexander	<i>57% of the CMI was due to non-preventable trees and 29% was due to line 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
11	Howard	Town	<i>90% of the CMI was due to non-preventable trees.</i>		
			Cycle tree trimming.	Complete	Dec-12
12	Harwick	Harmar	<i>60% of the CMI was due to equipment failure, 12% due to non-preventable trees and 17% was due to unknown causes.</i>		
			Cycle tree trimming.	To be completed 2014	
13	Piney Fork	Gillhall	<i>22% of the CMI was due to forced outages, 54% due to line failure and 14% non-preventable trees.</i>		
			Main line SAFI hardware review.	Complete	Jul-13
14	Eastgate	Brooklane	<i>53% of the CMI was due to equipment failure, 22% line failure and 19% was due to non-preventable trees. Two-thirds of the CMI occurred on 1 day during a minor storm on June 25, 2013</i>		
			No additional actions are planned for 2014.		
15	White Valley	Boriands Rd	<i>96% of the CMI was due to non-preventable trees.</i>		
			Cycle tree trimming.	Complete	Jun-13
16	Carmichaels	Carmichaels	<i>24% of the CMI was due to a bird causing a lockout, 45% due to equipment failure and 17% due to a forced outage.</i>		
			Zone 1 circuit patrol	To be completed 2014	

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
17	New Bethlehem	Clarion Rd	<i>22% of the CMI was due to equipment failure and 75% due to non-preventable trees.</i>		
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Jul-13
18	Linden-Wash	Wylandville	<i>81% of the CMI was due to non-preventable trees and 13% was due to unknown causes.</i>		
			Circuit reviewed for main line hardware issues.	Complete	Dec-13
19	Franklin	West Waynesburg	<i>13% of the CMI was due to line failure and 78% due to unknown causes. 65% of the CMI occurred on 11/1/13 during a minor storm.</i>		
			Zone 1 circuit patrol	To be completed 2014	
20	Robbins	Greenock	<i>87% of the CMI was due to non-preventable trees.</i>		
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Aug-13
21	Mcconnellsburg	Harrisonville	<i>21% of the CMI was due to equipment failure, 23% due to forced outage and 41% due to non-preventable trees.</i>		
			Zone 1 circuit patrol	To be completed 2014	
22	Bethlen	Darlington	<i>25% of the CMI was due to equipment failure and 75% due to non-preventable trees.</i>		
			Zone 1 danger tree work	Complete	Oct-12
			Main line SAIFI hardware review.	Complete	Jun-13
			Zone 1 circuit patrol	To be completed 2014	

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
23	St. Clair	Lesnett	83% of the CMI was due to non-preventable trees and 13% due to preventable trees. Two-thirds of the CMI occurred on 1 day - July 10, 2013		
			No additional actions are planned for 2014.		
24	Saltsburg	Saltsburg	32% of the CMI was due to equipment failure and 63% was due to non-preventable trees.		
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Jul-13
25	Howard	Jacksonville	28% of the CMI was due to line failure, 32% due to non-preventable trees and 38% was due unknown causes.		
			Cycle tree trimming.	Complete	Dec-13
26	Crossgates	Peters Twp	89% of the CMI was due to non-preventable trees. 25% of the CMI occurred on 1 day during a storm -11/1/13.		
			Zone 1 circuit patrol	To be completed 2014	
27	Sewickley	Adamsburg	45% of the CMI was due to equipment failure, 17% due to damaged caused by lightning, 13% due to non-preventable trees and 23% due to unknown causes.		
			Investigation of outages on circuit and the replacement of a substation recloser.	Complete	Oct-13
28	White Valley	Congruity	17% of the CMI was due to equipment failure, 29% due to line failure, 21% due to non-preventable trees and 23% due to unknown causes.		
			Cycle tree trimming.	To be completed 2014	
29	Murrycrest	North Hills Road	66% of the CMI was due to non-preventable trees and 26% was due to preventable trees.		
			Cycle tree trimming.	To be completed 2014	

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
30	Gordon	Wolfdale	61% of the CMI was due to non-preventable trees, 12% due to equipment failure and 10% due to unknown causes. Almost half of the CMI occurred on 1 day - July 10, 2013.		
			No additional actions are planned for 2014.		
31	Herman	Herman	71% of the CMI was due to non-preventable trees.		
			On-cycle circuit inspection.	Complete	Nov-13
			Cycle tree trimming.	To be completed 2014	
32	Necessity	Ohiopyle	87% of the CMI was due to non-preventable trees.		
			Circuit reviewed for main line hardware issues.	Complete	Nov-12
			Mainline SAIFI hardware review completed.	Complete	Dec-13
			Cycle tree trimming.	To be completed 2014	
33	Stahlstown	Mansville	73% of the CMI was due to non-preventable trees and 16% due to preventable trees.		
			Cycle tree trimming.	Complete	Dec-12
34	Mateer	Dime Rd	45% of the CMI was due to non-preventable trees, 24% due to preventable trees and 18% due to unknown causes.		
			Cycle tree trimming.	To be completed 2014	
35	White Valley	Export	27% of the CMI was due to line failure and 50% due to non-preventable trees.		
			Cycle tree trimming.	To be completed 2014	

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
36	Frazier	Wickhaven	<i>73% of the CMI was due to non-preventable trees and 23% due to damage caused by vehicles.</i>		
			Cycle tree trimming.	Complete	Dec-12
37	Vestaburg	Fredericktown	<i>22% of the CMI was due to forced outages and 77% was due to line failure.</i>		
			Cycle tree trimming.	Complete	Dec-13
38	Smithton	Yukon	<i>38% of the CMI was due to non-preventable trees and 38% due to damage caused by vehicles.</i>		
			Cycle tree trimming.	To be completed 2014	
39	Roundhill	Roundhill	<i>20% of the CMI was due to equipment failure, 15% due to forced outage, 14% due to line failure and 39% was due to non-preventable trees.</i>		
			Cycle tree trimming.	To be completed 2014	
40	North Union	Gallatin	<i>75% of the CMI was due to equipment failure and 16% was due to damage caused by vehicles.</i>		
			Cycle tree trimming.	Complete	Mar-13
	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.	Complete	Nov-13

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
	Huntingdon	Shawtown	<i>74% of the CMI was due to non-preventable trees and 14% was due to forced outages.</i>		
			Main line SAIFI hardware review.	Complete	Nov-13
	Crossgates	Robinhood	<i>74% of the CMI was due to non-preventable trees and 24% was due to unknown causes.</i>		
			Cycle tree trimming.	Complete	Dec-12
			Main line SAIFI hardware review.	Complete	Nov-13
	Saltsburg	Avonmore	<i>75% of the CMI was due to non-preventable trees and 13% was due to forced outage.</i>		
			Cycle tree trimming.	Complete	Dec-13
	Merrittstown	Republic	<i>37% of customer interruptions was due to trees and 41% was due to equipment failure.</i>		
			Main line SAIFI hardware review.	Complete	Nov-13
			Cycle tree trimming.	Complete	Dec-13

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
	Clearville	Clearville	<i>57% of the CMI was due to non-preventable trees and 34% was due to a line failure.</i>		
			Cycle tree trimming.	Complete	Dec-13
	North Fayette	Beechcliff	<i>70% of the CMI was due to non-preventable trees, 14% was due to line failure and 13% was due to forced outages.</i>		
			On-cycle circuit inspection.	Complete	Dec-13
	Necessity	Gibbon Glade	<i>67% of the CMI was due to non-preventable trees and 24% was due to a line failure.</i>		
			Cycle tree trimming.	Complete	Dec-13
	Rutan	Windridge	<i>67% of the CMI was due to non-preventable trees and 14% was due to unknown causes.</i>		
			Circuit reviewed for main line hardware issues.	Complete	Nov-12
			Cycle tree trimming.	Complete	Dec-13

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.</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"> 1) Discussion of most recent outages at PREA/AEC delivery points 2) Identification and mutual agreement of Delivery Points that serve critical services/customers (identified as those which directly affect public safety) 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. 	Commitment implemented.

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

4th Quarter 2013 Reliability Report – West :
Penn Power Company :

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FEB 03 2014

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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:

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David Dulick
Pennsylvania Rural Electric Association
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Scott Rubin
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Dated: February 3, 2014



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