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November 1, 2013

VIA UNITED PARCEL SERVICE

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

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Re: 3rd Quarter 2013 Reliability Report – West Penn Power Company

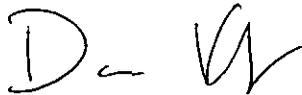
Dear Secretary Chiavetta:

L-00030161

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 3rd 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)

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2013 3rd Quarter Reliability Report

West Penn Power Company

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

3rd 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 September 30, 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

3Q 2013 (12-Mo Rolling)	West Penn Power		
	Benchmark	12-Month Standard	12-Month Actual
SAIFI	1.05	1.26	1.11
CAIDI	170	204	195
SAIDI	179	257	217
Customers Served³	708,478		
Number of Sustained Interruptions	11,325		
Customers Affected	787,619		
Customer Minutes	153,731,701		

² MAIFI values are not available

³ 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 Power⁴

Outages by Cause				
3rd Quarter 2013 12-Month Rolling	West Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
EQUIPMENT FAILURE	23,079,502	2,371	149,320	20.94%
UNKNOWN	16,092,028	1,858	99,955	16.41%
FORCED OUTAGE	9,768,234	1,183	144,645	10.45%
TREES/NOT PREVENTABLE	27,835,299	1,156	69,862	10.21%
TREES OFF ROW-TREE	33,157,420	1,117	103,486	9.86%
ANIMAL	2,841,091	1061	28,984	9.37%
LINE FAILURE	17,502,007	1,036	72,590	9.15%
VEHICLE	5,381,292	348	42,182	3.07%
TREES OFF ROW-LIMB	2,746,409	197	18,547	1.74%
BIRD	537,301	195	3,952	1.72%
TREES ON ROW	3,109,068	174	10,940	1.54%
LIGHTNING	2,796,403	135	14,934	1.19%
TREES - SEC/SERVICE	118,838	123	197	1.09%
TREES/PREVENTABLE	2,473,210	97	2,519	0.86%
HUMAN ERROR -NON-COMPANY	669,342	76	7,851	0.67%
WIND	3,167,470	61	1,637	0.54%
UG DIG-UP	77,219	35	453	0.31%
HUMAN ERROR - COMPANY	281,279	24	6,513	0.21%
CUSTOMER EQUIPMENT	48,762	13	278	0.11%
OBJECT CONTACT WITH LINE	98,117	13	1,112	0.11%
OVERLOAD	393,603	11	2,636	0.10%
VANDALISM	16,535	11	70	0.10%
FIRE	43,045	9	170	0.08%
OTHER ELECTRIC UTILITY	1,329,191	7	3,488	0.06%
PREVIOUS LIGHTNING	137,787	4	798	0.04%
OTHER UTILITY-NON ELEC	25,253	3	306	0.03%
SWITCHING ERROR	3,316	3	180	0.03%
ICE	777	2	2	0.02%
CONTAMINATION	1,183	1	7	0.01%
PLANNED OUTAGE	720	1	5	0.01%
Total	153,731,701	11,325	787,619	100.00%

⁴In 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/Not Preventable/ 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 will be an on going effort.

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 2013		West Penn Power		
		Planned	Completed	
		Annual	3Q	YTD
Forestry	Transmission (Miles)	513.30	77.99	227.65
	Distribution (Miles)	4,482	676	3,205
Transmission	Aerial Patrols	2	0	1
	Groundline	0	0	0
Substation	General Inspections	5,070	1,014	3,549
	Transformers	405	136	452 ⁵
	Breakers	210	67	306
	Relay Schemes	133	21	93
Distribution	Capacitors	1,332	0	1,332
	Poles	38,701	19,680	36,084
	Reclosers	3,799	700	3,664
	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.

⁵ The substation transformer statistics were reported incorrectly in the second quarter as 455 completed YTD.

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 Expenditures⁶

West Penn Power						
T&D O&M - 3Q/YTD September 2013						
Category	Q3 Actuals	Q3 Budget	Q3 YTD Actuals	Q3 YTD Budget	Annual Budget	
Transmission						
560	Operation Supervision & Engineering	45	0	40	0	0
561	Load Dispatching	(1,058,548)	728,221	335,846	2,276,672	2,918,008
562	Station Expenses	18,594	758,789	224,044	2,222,668	2,898,094
563	Overhead Lines Expenses	46,266	0	46,266	0	0
565	Transmission of Electricity by Others	6,778,469	6,731,619	17,318,150	17,574,562	24,306,181
566	Miscellaneous Transmission Expenses	35,485	49,066	118,645	157,726	194,763
567	Rents	9	1,148	10	1,574	2,867
568	Maintenance Supervision & Engineering	(431,342)	324,650	(29,940)	835,891	1,096,662
569	Maintenance of Structures	8,616	71,835	29,360	202,295	275,970
570	Maintenance of Station Equipment	495,979	13,105	988,641	(30,366)	(33,305)
571	Maintenance of Overhead Lines	2,223,939	218,071	4,890,361	650,357	864,563
572	Maintenance of Underground Lines	4,071	0	11,788	0	0
575	Market Administration, Monitoring & Compliance Services	5,182	0	41,215	45,000	45,000
Transmission Total		8,126,765	8,896,504	23,974,426	23,936,377	32,568,804
580	Operation Supervision & Engineering	45,726	33,671	184,405	81,300	433,774
581	Load Dispatching	289,009	369,216	906,382	989,584	1,298,802
582	Station Expenses	153,798	216,223	901,234	629,174	821,743
583	Overhead Line Expenses	547,777	90,365	1,273,990	261,331	341,463
584	Underground Line Expenses	295,706	249,196	806,150	649,406	870,000
586	Meter Expenses	225,625	237,162	688,881	701,152	940,886
588	Miscellaneous Distribution Expenses	3,051,713	1,582,385	7,236,902	4,804,864	6,848,491
590	Maintenance Supervision & Engineering	76,199	184,663	301,816	421,342	554,657
592	Maintenance of Station Equipment	826,741	976,169	2,034,881	2,417,067	3,195,787
593	Maintenance of Overhead Lines	4,535,093	6,202,345	10,749,992	17,189,208	22,015,105
594	Maintenance of Underground Lines	207,432	171,252	751,468	641,166	795,209
596	Maintenance of Street Lighting & Signal Systems	208,795	104,348	623,725	301,756	394,282
597	Maintenance of Meters	376,620	371,483	1,114,804	1,070,908	1,397,314
598	Maintenance of Miscellaneous Distribution Plant	45,967	412,310	194,466	1,178,967	1,596,881
Distribution Total		10,886,199	11,200,787	27,769,097	31,337,225	41,504,393
West Penn Power Grand Total		19,012,964	20,097,291	51,743,522	55,273,603	74,073,197

⁶ 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 Expenditures⁷

West Penn Power					
T&D Capital - 3Q / YTD September 2013					
Category	Q3 Actuals	Q3 Budget	Q3 YTD Actuals	Q3 YTD Budget	Annual Budget
Capacity	2,071,502	6,039	6,804,867	5,661,356	6,509,414
Condition	2,341,152	1,619,420	5,743,357	5,014,043	7,358,313
Facilities	96,463	792	434,673	172,332	173,124
Forced	9,704,601	6,629,945	21,438,240	19,873,011	24,885,963
Meter Related	682,515	513,002	2,361,062	1,441,347	1,949,692
New Business	5,342,153	3,867,555	16,289,933	11,103,309	14,822,122
Other	(919,353)	5,300,232	(58,077)	14,366,575	19,375,572
Reliability	1,325,752	4,463,067	4,479,462	11,107,532	14,282,823
Street Light	158,244	256,875	665,121	1,059,249	1,282,956
Tools & Equipment	1,442,187	678,535	5,595,736	3,039,943	3,611,308
Vegetation Management	8,237,206	6,244,041	27,639,151	19,605,594	25,987,100
West Penn Power Total	30,482,422	29,579,504	91,393,525	92,444,291	120,238,387

⁷ 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	2Q	3Q ^g	4Q
Line	Leader / Chief	79	76	78	
	Lineman	175	160	155	
Substation	Leader	14	14	14	
	Electrician	50	45	42	
Total		318	295	289	

^g Through 3Q of 2013, West Penn Power experienced 19 retirements, 8 transfers and 3 resignations.

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		10,328,557

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%

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)
July	1,131	809	4,735	4.19	5.85
August	950	671	3,856	4.06	5.75
September	767	558	3,148	4.10	5.64
3Q Total	2,848	2,038	11,739	4.12	5.76

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

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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	1,168	44	1	2,512,132	2,901	3.54	2,151	2.48	866
2	Clearville	Clearville	Mcconnellsburg	622	45	1	1,839,006	993	2.59	2,957	1.60	1,852
3	North Fayette	Beechcliff	Mcdonald	2,172	19	0	1,611,059	4,001	2.27	742	1.84	403
4	Whitetail	Resorts	Mcconnellsburg	394	13	1	1,606,620	780	2.27	4,078	1.98	2,060
5	Houston	Canonsburg	Washington	1,949	12	2	1,521,990	4,261	2.15	781	2.19	357
6	Houston	McGovern	Washington	1,508	36	1	1,468,850	3,041	2.07	974	2.02	483
7	Vanceville	Vanceville	Charleroi	1,372	51	0	1,323,715	2,827	1.87	965	2.06	468
8	Henry Clay	Markeysburg	Uniontown	1,084	38	1	1,226,601	5,187	1.73	1,132	4.79	236
9	Amity	Banetown	Washington	1,438	47	0	1,194,381	2,194	1.68	831	1.53	544
10	Piney Fork	Gillhall	Charleroi	2,040	34	1	1,149,858	7,844	1.62	564	3.85	147
11	Necessity	Gibben Glade	Uniontown	495	25	0	1,149,140	1,146	1.62	2,321	2.32	1,003
12	Butler	Penn St	Butler	2,687	34	2	1,140,121	6,929	1.61	424	2.58	165
13	Dutch Fork	Claysville	Washington	1,611	58	1	1,122,522	3,718	1.58	697	2.31	302
14	Waterville	Waterville	State College	355	16	1	1,122,414	1,450	1.58	3,162	4.08	774
15	Mercersburg	Cove Gap	Mcconnellsburg	883	29	2	1,107,881	2,315	1.56	1,255	2.62	479
16	Dutch Fork	W Alexander	Washington	1,120	41	1	1,090,586	2,602	1.54	974	2.32	419
17	Rutan	Windridge	Jefferson	1,168	58	0	1,081,113	2,310	1.52	926	1.98	468
18	Harwick	Hamar	Arnold	953	17	1	985,013	3,147	1.39	1,034	3.30	313
19	White Valley	Borlands Rd	Jeannette	1,361	22	1	972,285	2,749	1.37	714	2.02	354
20	New Bethlehem	Clarion Rd	Clarion	1,409	25	2	924,180	4,187	1.30	656	2.97	221
21	Franklin	South Waynesburg	Jefferson	2,118	34	0	898,556	2,911	1.27	424	1.37	309
22	Shaffers Corner	Seventh St Rd	Arnold	2,095	31	2	866,763	5,549	1.22	414	2.65	156
23	Necessity	Ohiopte	Uniontown	849	39	0	809,021	1,569	1.14	953	1.85	516
24	Saint Thomas	Lemasters	Mcconnellsburg	382	24	1	805,708	641	1.14	2,109	1.68	1,257
25	Saltsburg	Saltsburg	Arnold	1,424	40	2	803,414	3,661	1.13	564	2.57	219
26	Karns City	Kaylor	Butler	1,188	28	1	790,781	2,725	1.12	666	2.29	290
27	South Union	York Run	Uniontown	1,482	22	0	774,051	2,302	1.09	522	1.55	336
28	Linden-Wash	Wylandville	Washington	895	38	0	769,227	1,321	1.08	859	1.48	582
29	St. Clair	Lesnett	Boyce	1,632	17	1	766,291	2,394	1.08	470	1.47	320
30	Robbins	Greensock	Jeannette	1,337	10	1	746,785	1,818	1.05	559	1.36	411

West Penn Power												
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI
31	Eastgate	Brooklane	Jeannette	2,348	19	0	719,641	4,286	1.01	306	1.83	168
32	Fountaindale	Carroll Valley	Waynesboro	1,221	49	1	676,291	3,451	0.95	554	2.83	196
33	Sewickley	Adamsburg	Jeannette	1,371	26	4	674,779	6,265	0.95	492	4.57	108
34	Kittanning	Cadogan	Kittanning	980	19	1	667,963	3,193	0.94	582	3.26	209
35	Gordon	Wolfdale	Washington	1,925	43	0	627,880	3,138	0.89	326	1.63	200
36	Roundhill	Roundhill	Charleci	956	47	2	613,386	5,382	0.87	642	5.63	114
37	Rutan	Bristoria	Jefferson	1,216	42	0	606,561	1,842	0.86	499	1.51	329
38	Smith	Florence	McDonald	895	42	1	581,941	2,338	0.82	837	3.36	249
39	Herman	Herman	Butler	776	30	0	581,439	2,367	0.82	749	3.05	246
40	North Union	Gallatin	Uniontown	2,575	17	1	560,979	5,068	0.79	210	1.89	111

General Note:
MAIFI values are not available

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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	EDEHVILLE	46% 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.	Complete	Jan-13
			A CEMI analysis was performed and any tap exceeding the threshold will be reviewed for possible additional mitigation.		
2	CLEARVILLE	CLEARVILLE	57% of the CMI was due to non-preventable trees and 34% was due to a line failure.	To be completed 2013	
			Cycle tree trimming.		
3	NORTH FAYETTE	BEECHCLIFF	70% of the CMI was due to non-preventable trees, 14% was due to line failure and 13% was due to forced outages.	To be completed 2013	
			On-cycle circuit inspection.		
4	WHITETAIL	RESORTS	58% of the CMI was due to unknown causes, 21% was due to non-preventable trees and 16% was due to preventable trees. 36% of the total CMI was due to Hurricane Sandy.	Complete	Jan-13
			A CEMI analysis was performed and any tap exceeding the threshold will be reviewed for possible additional mitigation.		
5	HOUSTON	CAITONSBURG	97% 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 2013.		
6	HOUSTON	MCGOVERII	95% of the CMI was due to non-preventable trees.	Complete	Dec-12
			Zone 1 danger tree work		
			Follow up hardware corrections as a result of hardware review.		

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
7	VANCEVILLE	VANCEVILLE	30% of the CMI was due to non-preventable trees and 49% was due to line failure.		
			No additional actions are planned for 2013.		
8	HENRY CLAY	MARKLEYSBURG	35% of the CMI was due to non-preventable trees and 37% was due to line failure.		
			Cycle tree trimming.	Complete	Nov-12
9	AMITY	BANETOWN	61% of the CMI was due to non-preventable trees and 35% was due to a line failure.		
			Cycle tree trimming.	Complete	Dec-12
10	PINEY FORK	GILLHALL	24% of the CMI was due to equipment failure and 41% was due to line failure..		
			Main line SAIFI hardware review.	Complete	Jul-13
11	NECESSITY	GIBBON GLADE	67% of the CMI was due to non-preventable trees and 24% was due to a line failure.		
			Cycle tree trimming.	To be completed 2013	
12	BUTLER	PENN ST	39% of the CMI was due to equipment failure and 54% was due to lightning.		
			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
13	DUTCH FORK	CLAYSVILLE	57% of the CMI was due to equipment failure 16% was due to trees. 50% of the CMI occurred on 1 day - July 10, 2013.		
			No additional actions are planned for 2013.		
14	WATERVILLE	WATERVILLE	73% of the CMI was due to other electric utility and 16% 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
15	MERCERSBURG	COVE GAP	64% of the CMI was due to non-preventable trees and 10% was due to line failure. The majority of the total CMI occurred during Hurricane Sandy.		
			Cycle tree trimming.	Complete	Dec-12
16	DUTCH FORK	W ALEXANDER	59% of the CMI was due to non-preventable trees and 29% was due to line failure.		
			Cycle tree trimming.	Complete	Jun-13
17	RUTAN	WIDRIDGE	67% of the CMI was due to non-preventable trees and 14% was due to unknown causes.		
			Circuit reviewed for main line hardware issues.	Complete	Nov-12
			Cycle tree trimming.	To be completed 2013	
18	HARWICK	HARMAR	8% of the CMI was due to non-preventable trees, 63% equipment failure and 17% due to unknowns 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
19	WHITE VALLEY	BORLANDS RD	93% of the CMI was due to non-preventable trees.		
			Cycle tree trimming.	Complete	Jun-13
20	NEW BETHLEHEM	CLARION RD	71% of the CMI was due to non-preventable trees and 21% due to equipment failure.		
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Jul-13
21	FRANKLIN	SOUTH WAYNESBURG	70% of the CMI was due to non-preventable trees and 14% due to line failure. 67% of the CMI occurred on 1 day - July 10, 2013.		
			No additional actions are planned for 2013.		
22	SHAFFERS CORNER	SEVENTH ST RD	34% of the CMI was due to non-preventable trees and 50% was due to equipment failure.		
			Zone 1 tree trimming.	Complete	Jun-12
			No additional actions are planned for 2013.		
23	NECESSITY	OHIOPYLE	37% 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
			Zone 1 danger tree work	Complete	Jun-12
			Main line SAIFI hardware review.	To be completed 2013	
24	SAINT THOMAS	LEMASTERS	97% of the CMI was due to non-preventable trees of which most of the CMI occurred during Hurricane Sandy.		
			A CEMI analysis was performed and the circuit has no outage issues beyond the major storms.	Complete	Feb-13

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
25	SALTSBURG	SALTSBURG	53% of the CMI was due to non-preventable trees and 40% was due to equipment failure.		
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Jul-13
26	KARNS CITY	KAYLOR	54% of the CMI was due to line failure and 20% was due to damage caused by vehicles.		
			Cycle tree trimming.	Complete	Dec-12
27	SOUTH UNION	YORK RUN	25% of the CMI was due to non-preventable trees and 61% was due to equipment failure.		
			Cycle tree trimming.	Complete	Jun-13
28	LINDEN-WASH	WYLANDVILLE	88% of the annual CMI was due to non-preventable trees.		
			Circuit reviewed for main line hardware issues.	To be completed 2013	
29	ST. CLAIR	LESNETT	97% of the annual CMI was due to trees. 81% of the CMI occurred on one day - July 10, 2013 storm.		
			No additional actions are planned for 2013.		
30	ROBBINS	GREENOCK	92% of the CMI was due to non-preventable trees.		
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Aug-13
31	EASTGATE	BROOKLANE	25% of the CMI was due to non-preventable trees and 67% due to equipment failure. 67% of the CMI occurred on 1 day during a minor storm on June 25, 2013		
			No additional actions are planned for 2013.		
32	FOUNTAINDALE	CARROLL VALLEY	71% of the CMI was due to non-preventable trees and 13% was due to equipment failure.		
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Jul-13

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
33	SEWICKLEY	ADAMSBURG	<i>13% of the CMI was due to non-preventable trees, 45% due to equipment failure, 18% damage caused by lightning and 23% was due to causes unknown.</i>	To be completed 2013	
			Investigation of outages on circuit and the replacement of a substation recloser.		
34	KITTANNING	CADOGAN	<i>77% of the CMI was due to non-preventable trees and 23% was due to equipment failure.</i>	Complete	Dec-12
			Cycle tree trimming.		
35	GORDON	WOLFDALÉ	<i>61% of the CMI was due to non-preventable trees, 14% due to equipment failure and 23% due to causes unknown. 43% of the CMI occurred on 1 day - July 10, 2013.</i>		
			No additional actions are planned for 2013.		
36	ROUNDHILL	ROUNDHILL	<i>61% of the CMI was due to non-preventable trees, 14% due equipment failure and 23% due to causes unknown.</i>		
			No additional actions are planned for 2013.		
37	RUTAN	BRISTORIA	<i>22% of the was due to non-preventable trees , 29% due to forced outages and 24% was due to damage caused by vehicles.</i>	Complete	Nov-12
			Cycle tree trimming.		
38	SMITH	FLORENCE	<i>41% of the CMI was due to non-preventable trees, 22% due to equipment failure and 16% due to causes unknown.</i>	Complete	Aug-13
			Inspected station recloser and found no issues.		
39	HERMAN	HERMAN	<i>83% of the CMI was due to non-preventable tree and another 10% was due damage caused by vehicles.</i>	To be completed 2013	
			On-cycle circuit inspection.		

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
40	NORTH UNION	GALLATIN	45% of the CMI was due to damage caused by vehicles and 45% was due to forced outages.		
			Cycle tree trimming.	Complete	Mar-13
	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.	Complete	Sep-13
	NORTH UNION	MOUNT VERNON	56% of the CMI was due to line failure and 38% due to damage caused by vehicles.		
			Cycle tree trimming.	Complete	Mar-13
			Main line SAIFI hardware review.	To be completed 2013	
	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	
	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	
	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.	Complete	Jul-13

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
	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.	Complete	Jul-13
	PETERS	MCMURRAY	82% of the CMI was a result of non-preventable trees.		
			Cycle tree trimming.	Complete	Dec-12
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Jul-13
	EASTGATE	EAST GREENSBURG	37% of the CMI was due to forced outages, 21% due to equipment failure and 40% was due to damage caused by animals.		
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Jul-13
	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	
	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.	Complete	Jun-13
	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.	Complete	Sep-13

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
	MERRITSTOWN	REPUBLIC	<i>37% of customer interruptions was due to trees and 41% was due to equipment failure.</i>		
			Cycle tree trimming.	To be completed 2013	
			Main line SAIFI hardware review.	To be completed 2013	
	VESTABURG	MEXICO	<i>62% of the CMI was due to non-preventable trees.</i>		
			Cycle tree trimming.	Complete	Sep-13
	VESTABURG	LOW HILL	<i>83% of the CMI was due to unknown causes.</i>		
			Cycle tree trimming	Complete	Apr-13
	SILVERVILLE 138-12	HARRISON	<i>39% of customer interruptions was due to lightning, 28% was due to unknown caused outages and 15% was due to wind.</i>		
			Cycle tree trimming	Complete	Jun-13
	QUINCY	SOUTH MOUNTAIN	<i>85% of customer interruptions were due to trees.</i>		
			Circuit reviewed for main line hardware issues.	Complete	Nov-12
			Cycle tree trimming	Complete	Sep-13

West Penn Power					
Rank	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
	GRAND POINT	SCOTLAND	<i>28% of customer interruptions was due to trees and 56% was due to line failure.</i>		
			Circuit reviewed for main line hardware issues.	Complete	Nov-12
			Zone 1 forestry review	Complete	Jul-13
			Cycle tree trimming deferred as a result of Zone 1 review	Complete	Jul-13
	SALTSBURG	SALINA	<i>37% of customer interruptions was due to trees and 41% was due to equipment failure.</i>		
			Cycle tree trimming	Complete	Jul-13

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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.</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. 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

3rd Quarter 2013 Reliability Report – West :
Penn Power Company :

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CERTIFICATE OF SERVICE

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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:

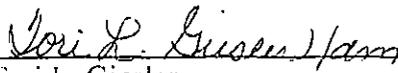
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Dated: November 1, 2013



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