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April 30, 2014

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

VIA UNITED PARCEL SERVICE

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

Re: 1st Quarter 2014 Reliability Report –West Penn Power Company

L-00030161

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 1st Quarter 2014 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,

Tori L. Giesler/cm

Tori L. Giesler

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)

WestPenn Power
A FirstEnergy Company

2014 1st Quarter Reliability Report

West Penn Power Company

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

1st Quarter 2014 Reliability Report - West Penn Power Company

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

Major Events

West Penn Power did not experience any major events during the reporting period ending March 31, 2014.

[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 MAIFI[2] values are provided, the report shall also include the number of customer momentary interruptions.

Reliability Index Values

1Q 2014 (12-Mo Rolling)	West Penn Power		
	Benchmark	12-Month Standard	12-Month Actual
SAIFI	1.05	1.26	1.19
CAIDI	170	204	182
SAIDI	179	257	216
Customers Served[3]	712,785		
Number of Sustained Interruptions	11,357		
Customers Affected	846,685		
Customer Minutes	153,856,136		

[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 Power

Outages by Cause				
1st Quarter 2014 12-Month Rolling	West Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
EQUIPMENT FAILURE	24,168,603	2,418	168,492	21.29%
UNKNOWN	16,648,228	1,825	111,644	16.07%
TREES OFF ROW-TREE	51,793,990	1,665	143,472	14.66%
FORCED OUTAGE	12,702,978	1,254	158,875	11.04%
LINE FAILURE	18,235,562	1,081	77,631	9.52%
ANIMAL	2,058,087	1,023	23,692	9.01%
TREES OFF ROW-LIMB	6,286,789	378	34,830	3.33%
VEHICLE	6,330,458	346	46,852	3.05%
TREES ON ROW	4,857,145	323	17,675	2.84%
TREES - SEC/SERVICE	226,009	235	570	2.07%
TREES/NOT PREVENTABLE	3,637,755	214	15,516	1.88%
BIRD	467,876	209	4,305	1.84%
LIGHTNING	2,880,683	140	15,843	1.23%
HUMAN ERROR -NON-COMPANY	1,532,937	102	12,447	0.90%
UG DIG-UP	78,610	32	466	0.28%
OVERLOAD	472,116	22	3,669	0.19%
HUMAN ERROR - COMPANY	165,820	20	4,481	0.18%
OBJECT CONTACT WITH LINE	62,079	15	204	0.13%
VANDALISM	17,945	13	76	0.11%
CUSTOMER EQUIPMENT	183,274	10	884	0.09%
FIRE	35,899	8	149	0.07%
OTHER ELECTRIC UTILITY	772,695	6	3,529	0.05%
PREVIOUS LIGHTNING	137,787	4	798	0.04%
SWITCHING ERROR	16,516	4	205	0.04%
TREES/PREVENTABLE	12,705	4	56	0.04%
WIND	47,975	3	20	0.03%
CONTAMINATION	1,425	2	9	0.02%
OTHER UTILITY-NON ELEC	24,190	1	295	0.01%
Total	153,856,136	11,357	846,685	100.00%

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, and will continue throughout 2014.

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 2014		West Penn Power		
		Planned	Completed	
		Annual	1Q	YTD
Forestry	Transmission (Miles)	166.62	20.07	20.07
	Distribution (Miles)	4,506	904	904
Transmission	Aerial Patrols	2	0	0
	Groundline	0	0	0
Substation	General Inspections	5,880	1,470	1,470
	Transformers	608	149	149
	Breakers	501	33	33
	Relay Schemes	160	28	28
Distribution	Capacitors	1,310	1,311	1,311
	Poles	54,900	12,813	12,813
	Reclosers	3,789	2,694	2,694
	Radio-Controlled Switches	West Penn Power has no radio-controlled switches.		

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[4]

West Penn Power T&D O&M - 1Q/YTD March 2014 ($)						
	Category	Q1 Actuals	Q1 Budget	Q1 YTD Actuals	Q1 YTD Budget	Annual Budget
Transmission						
560	Operation Supervision and Engineering	2	0	2	0	0
561	Load Dispatching	239,557	549,670	239,557	549,670	2,133,581
562	Station Expenses	18,901	501,308	18,901	501,308	1,913,851
563	Overhead Lines Expenses	326	0	326	0	0
565	Transmission of Electricity by Others	7,804,750	6,857,644	7,804,750	6,857,644	27,481,224
566	Miscellaneous Transmission Expenses	53,978	71,652	53,978	71,652	271,032
567	Rents	12,611	0	12,611	0	0
568	Maintenance Supervision and Engineering	103,026	122,330	103,026	122,330	417,316
569	Maintenance of Structures	8,940	61,255	8,940	61,255	227,646
570	Maintenance of Station Equipment	610,555	90,212	610,555	90,212	340,036
571	Maintenance of Overhead Lines	1,308,698	314,042	1,308,698	314,042	1,946,687
572	Maintenance of Underground Lines	274	0	274	0	0
575	Market Administration, Monitoring and Compliance Services	124	5,760	124	5,760	23,360
Transmission Total		**10,161,743**	**8,573,873**	**10,161,743**	**8,573,873**	**34,754,735**
580	Operation Supervision and Engineering	(137,325)	27,485	(137,325)	27,485	453,940
581	Load Dispatching	344,710	289,644	344,710	289,644	1,074,225
582	Station Expenses	158,129	316,744	158,129	316,744	1,210,387
583	Overhead Line Expenses	354,548	519,070	354,548	519,070	1,364,428
584	Underground Line Expenses	189,909	243,675	189,909	243,675	974,363
586	Meter Expenses	196,586	194,835	196,586	194,835	754,590
588	Miscellaneous Distribution Expenses	1,852,700	1,706,155	1,852,700	1,706,155	8,521,377
590	Maintenance Supervision and Engineering	67,780	100,539	67,780	100,539	379,123
592	Maintenance of Station Equipment	1,135,317	962,820	1,135,317	962,820	3,665,101
593	Maintenance of Overhead Lines	4,808,199	3,609,018	4,808,199	3,609,018	15,032,288
594	Maintenance of Underground Lines	292,017	215,891	292,017	215,891	668,242
596	Maintenance of Street Lighting and Signal Systems	423,888	215,743	423,888	215,743	821,803
597	Maintenance of Meters	302,316	406,974	302,316	406,974	1,552,690
598	Maintenance of Miscellaneous Distribution Plant	49,794	342,252	49,794	342,252	1,272,025
Distribution Total		**10,038,569**	**9,150,846**	**10,038,569**	**9,150,846**	**37,744,583**
West Penn Power Grand Total		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

[4] *Budgets are subject to change*

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

Budgeted vs. Actual T&D Capital Expenditures[5]

West Penn Power T&D Capital - 1Q / YTD March 2014 ($)					
Category	**Q1 Actuals**	**Q1 Budget**	**Q1 YTD Actuals**	**Q1 YTD Budget**	**Annual Budget**
Capacity	2,673,326	1,821,242	2,673,326	1,821,242	15,490,510
Condition	1,556,328	1,692,724	1,556,328	1,692,724	8,056,231
Facilities	191,279	80,768	191,279	80,768	1,114,559
Forced	5,681,435	7,040,049	5,681,435	7,040,049	25,700,580
Meter Related	543,984	656,857	543,984	656,857	2,454,625
New Business	4,195,845	5,828,676	4,195,845	5,828,676	22,788,586
Other	2,696,705	2,971,315	2,696,705	2,971,315	21,130,494
Reliability	1,535,253	660,793	1,535,253	660,793	3,998,820
Street Light	288,637	177,958	288,637	177,958	665,577
Tools and Equipment	806,586	247,990	806,586	247,990	1,613,460
Vegetation Management	8,059,358	8,102,019	8,059,358	8,102,019	31,730,252
West Penn Power Total	28,228,736	29,280,391	28,228,736	29,280,391	134,743,695

[5] 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 2014					
Department	**Staff**	**1Q**	**2Q**	**3Q**	**4Q**
Line	Leader / Chief	75			
	Lineman	151			
Substation	Leader	13			
	Electrician	44			
	Total	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 2014 ($)					
	1Q	2Q	3Q	4Q	Total
West Penn Power	3,692,585				3,692,585

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 - 2014	
	West Penn Power
January	24%
February	27%
March	23%

Call-out Response

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

West Penn Power					
2014	**Total Call-Outs**	**Workers Accepting**	**Elapsed Time (Minutes)**	**Average Response *Time per Crew* Call-Out (Minutes)**	**Average Response Rate Per Workers Accepting (Minutes)**
January	939	714	3,526	3.76	4.94
February	711	512	2,902	4.08	5.67
March	854	609	3,480	4.07	5.71
1Q Total	2,504	1,835	9,908	3.96	5.40

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	952	15	1	1,899,449	1,595	2.65	1,995	1.68	1,191
2	Houston	Mcgovern	Washington	1,651	38	2	1,693,364	6,691	2.36	1,026	4.46	253
3	Houston	Canonsburg	Washington	1,979	18	2	1,580,217	4,770	2.20	798	2.41	331
4	Amity	Banetown	Washington	1,503	52	0	1,468,561	3,060	2.05	977	3.03	480
5	Vanceville	Vanceville	Charleroi	1,377	55	0	1,396,179	3,247	1.95	1,014	2.36	430
6	Franklin	South Waynesburg	Jefferson	2,135	40	1	1,360,554	4,391	1.90	637	2.06	310
7	White Valley	Borlands Rd	Jeannette	1,370	21	2	1,287,553	3,900	1.80	940	2.85	330
8	Dutch Fork	Claysville	Washington	1,621	58	1	1,175,409	3,554	1.64	725	3.19	331
9	Avella	W. Middletown	Washington	1,145	54	0	1,155,743	2,101	1.61	1,009	2.83	550
10	Butler	Penn St	Butler	2,719	37	2	1,149,331	7,146	1.60	423	2.63	161
11	Howard	Town	State College	1,125	50	0	1,050,698	2,323	1.47	934	2.06	452
12	Kittanning	Cadogan	Kittanning	986	25	0	978,712	3,287	1.37	993	3.33	298
13	Piney Fork	Gillhall	Charleroi	2,054	34	0	955,774	5,735	1.33	465	2.79	167
14	Harwick	Harmar	Arnold	912	15	1	953,815	3,176	1.33	1,046	3.48	300
15	Eastgate	Brooklane	Jeannette	2,358	16	0	936,047	6,079	1.31	397	2.58	154
16	Linden-Wash	Wylandville	Washington	905	42	0	829,085	1,356	1.16	916	1.50	611
17	Mcconnellsburg	Harrisonville	Mcconnellsburg	1,405	28	0	813,395	3,238	1.13	579	2.30	251
18	Franklin	West Waynesburg	Jefferson	2,286	39	2	797,981	5,779	1.11	349	2.58	138
19	Robbins	Greenock	Jeannette	1,339	10	1	781,550	2,073	1.09	584	1.55	377
20	St. Clair	Lesnett	Boyce	1,638	16	1	770,759	2,400	1.08	471	1.47	321
21	North Washington	Oklahoma	Arnold	1,758	24	2	755,496	3,964	1.05	430	2.25	191
22	Saltsburg	Saltsburg	Arnold	1,430	34	2	754,781	3,431	1.05	528	2.40	220
23	Crossgates	Peters Twp	Boyce	1,091	18	1	721,397	1,992	1.01	661	1.83	362
24	Howard	Jacksonville	State College	508	15	0	719,242	1,316	1.00	1,416	2.59	547
25	Necessity	Ohiopyle	Uniontown	859	32	0	698,434	1,962	0.97	813	2.28	356
26	Gordon	Wolfdale	Washington	1,927	47	0	689,745	3,271	0.96	358	2.70	211
27	Carmichaels	Carmichaels	Jefferson	1,648	15	2	689,030	3,521	0.96	418	2.14	196
28	Atherton	South Hills	State College	1,019	38	6	676,098	7,035	0.94	663	6.90	96
29	Sewickley	Adamsburg	Jeannette	1,255	24	4	669,057	6,246	0.93	533	4.98	107
30	Murrycrest	North Hills Road	Jeannette	1,232	31	1	667,202	3,810	0.93	542	3.09	175

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	Mateer	Dime Rd	Arnold	1,217	51	0	653,411	2,501	0.91	537	2.13	261
32	Herman	Herman	Butler	765	34	0	652,150	3,129	0.91	852	7.02	208
33	Stahlstown	Mansville	Latrobe	499	19	0	639,645	890	0.89	1,282	2.78	719
34	Bethlen	Darlington	Latrobe	1,253	53	1	627,636	2,889	0.88	501	2.33	217
35	Smith	Florence	Mcdonald	801	47	0	617,354	1,784	0.86	771	4.23	346
36	North Washington	Poke Run	Arnold	1,217	29	0	610,960	3,135	0.85	502	2.58	195
37	White Valley	Export	Jeannette	2,083	44	1	596,366	5,073	0.83	286	2.44	118
38	Vestaburg	Fredericktown	Jefferson	857	12	1	584,205	1,677	0.82	682	3.95	348
39	Frazier	Wickhaven	Pleasant Valley	733	15	1	581,716	1,296	0.81	794	2.77	449
40	North Union	Gallatin	Uniontown	2,716	15	1	573,693	4,428	0.80	211	1.63	130

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	*Performance was driven by off right-of way trees (96%).*		
			Cycle tree trimming.	To be completed 2014	
2	Houston	Mcgovern	*Performance was driven by off right-of way trees (82%).*		
			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	*Performance was driven by off right-of way trees (93%) during minor storm.*		
			No additional actions are planned for 2014.		
4	Amity	Banetown	*Performance was driven by off right-of way trees (57%) and equipment failure (23%).*		
			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	Performance was driven by off right-of way trees (31%) and line failure (46%).		
			Cycle tree trimming.	To be completed 2014	
6	Franklin	South Waynesburg	*Performance was driven by off right-of way trees (46%) and unknown causes (44%). Two-thirds of the outages occurred on 1 day - July 10, 2013.*		
			No additional actions are planned for 2014.		
7	White Valley	Borlands Rd	*Performance was driven by off right-of way trees (68%) and human error - non company (19%).*		
			Cycle tree trimming.	Complete	Jun-13
8	Dutch Fork	Claysville	*Performance was driven by equipment failure (57%), line failure (14%) and off right-of way trees (15%). Approximately half of the outages occurred on 1 day - July 10, 2013.*		
			No additional actions are planned for 2014.		
9	Avella	W. Middletown	*Performance was driven by off right-of way trees (54%), on right-of way trees (18%) and equipment failure (12%).*		
			Cycle tree trimming.	To be completed 2014	
10	Butler	Penn St	*Performance was driven by lightning (53%) and equipment failure (37%).*		
			Main line SAIFI hardware review.	Complete	Dec-13

West Penn Power					
Rank	**Substation**	**Circuit**	**Remedial Actions Planned or Taken**	**Status of Remedial Work**	**Date Remedial Work Completed**
11	Howard	Town	*Performance was driven by off right-of way trees (91%).*		
			Cycle tree trimming.	Complete	Dec-12
12	Kittanning	Cadogan	*Performance was driven by off right-of way trees (54%) and vehicle (45%).*		
			Cycle tree trimming.	Complete	Dec-12
			Main line tree and SAIFI hardware review.	Complete	Apr-14
13	Piney Fork	Gilhall	*Performance was driven by line failure (54%) and forced outages (22%).*		
			Main line SAIFI hardware review.	Complete	Jul-13
14	Harwick	Harmar	*Performance was driven by equipment failure (65%) and unknown causes (18%).*		
			Cycle tree trimming.	To be completed 2014	
15	Eastgate	Brooklane	*Performance was driven by equipment and line failure (76%) and off right-of way trees (19%). Approximately two-thirds of the outages occurred on 1 day during a minor storm on June 25, 2013*		
			No additional actions are planned for 2014.		
16	Linden-Wash	Wylandville	*Performance was driven by off right-of way trees (81%) and unknown causes (14%).*		
			Circuit reviewed for main line hardware issues.	Complete	Dec-13

West Penn Power					
Rank	**Substation**	**Circuit**	**Remedial Actions Planned or Taken**	**Status of Remedial Work**	**Date Remedial Work Completed**
17	Mcconnellsburg	Harrisonville	*Performance was driven by off right-of way trees (47%), equipment failure (21%) and forced outages (23%).*		
			Zone 1 circuit patrol	To be completed 2014	
18	Franklin	West Waynesburg	*Performance was driven by unknown outages (81%).*		
			Zone 1 circuit patrol	To be completed 2014	
19	Robbins	Greenock	*Performance was driven by off right-of way trees (87%).*		
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Aug-13
20	St. Clair	Lesnett	Performance was driven by off right-of way trees (83%). Approximately two-thirds of the outages occurred on 1 day - July 10, 2013.		
			No additional actions are planned for 2014.		
21	North Washington	Oklahoma	*Performance was driven by unknown (80%) and vehicle outages (18%).*		
			Main line tree and hardware review.	Complete	Jan-14

West Penn Power					
Rank	**Substation**	**Circuit**	**Remedial Actions Planned or Taken**	**Status of Remedial Work**	**Date Remedial Work Completed**
22	Saltsburg	Saltsburg	*Performance was driven by off right-of way trees (62%) and equipment failure (32%).*		
			Zone 1 forestry review planned to note and correct any tree and hardware issues.	Complete	Jul-13
23	Crossgates	Peters Twp	*Performance was driven by off right-of way trees (86%).*		
			Zone 1 circuit patrol	To be completed 2014	
24	Howard	Jacksonville	*Performance was driven by off right-of way trees (32%), unknown causes (38%) and line failure (28%).*		
			Cycle tree trimming.	Complete	Dec-13
25	Necessity	Ohiopyle	*Performance was driven by off right-of way trees (81%).*		
			Circuit reviewed for main line hardware issues.	Complete	Nov-12
			Main line SAIFI hardware review completed.	Complete	Dec-13
			Cycle tree trimming.	To be completed 2014	
26	Gordon	Wolfdale	*Performance was driven by off right-of way trees (59%), line failure (12%) and equipment failure (12%). Almost half of the outages occurred on 1 day - July 10, 2013.*		
			No additional actions are planned for 2014.		

West Penn Power					
Rank	**Substation**	**Circuit**	**Remedial Actions Planned or Taken**	**Status of Remedial Work**	**Date Remedial Work Completed**
27	Carmichaels	Carmichaels	*Performance was driven by equipment failure (59%) and a bird (31%) causing a lockout.*		
			Zone 1 circuit patrol	To be completed 2014	
28	Atherton	South Hills	*Performance was driven by equipment failure (48%) and human error non-company (22%).*		
			Cycle tree trimming	Complete	Apr-14
29	Sewickley	Adamsburg	*Performance was driven by equipment failure (44%), lightning (18%) and off right-of way trees (14%).*		
			Investigate outages on the circuit and replace a substation recloser.	Complete	Oct-13
30	Murrycrest	North Hills Road	*Performance was driven by off right-of way trees (67%) and on right-of way trees (26%).*		
			Cycle tree trimming	To be completed 2014	
31	Mateer	Dime Rd	*Performance was driven by off right-of way trees (46%), on right-of way trees (23%) and unknown causes (17%).*		
			Cycle tree trimming.	To be completed 2014	
32	Herman	Herman	*Performance was driven by off right-of way trees (71%).*		
			On-cycle circuit inspection.	Complete	Nov-13
			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**
33	Stahlstown	Mansville	*Performance was driven by off right-of way trees (73%) and on right-of way trees (16%).*		
			Cycle tree trimming	Complete	Dec-12
34	Bethlen	Darlington	*Performance was driven by off right-of way trees (66%) and equipment failure (11%).*		
			Zone 1 danger tree work	Complete	Oct-12
			Main line SAIFI hardware review.	Complete	Jun-13
			Zone 1 circuit patrol	To be completed 2014	
35	Smith	Florence	*Performance was driven by off right-of way trees (46%), on right-of way trees (11%), equipment failure (16%) and forced outages (14%).*		
			Main line tree and hardware review.	Complete	Apr-14
36	North Washington	Poke Run	*Performance was driven by off right-of way trees (63%) and unknown causes (36%).*		
			Cycle tree trimming.	Complete	Dec-12
			Main line tree and hardware review.	Complete	Feb-14
37	White Valley	Export	*Performance was driven by off right-of way trees (52%) and line failure (28%).*		
			Cycle tree trimming.	To be completed 2014	
38	Vestaburg	Fredericktown	*Performance was driven by line failure (76%) and forced outages (22%).*		
			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**
39	Frazier	Wickhaven	*Performance was driven by off right-of way trees (74%) and vehicle (24%).*		
			Cycle tree trimming.	Complete	Dec-12
40	North Union	Gallatin	*Performance was driven by equipment failure (75%) and vehicle (16%).*		
			Cycle tree trimming.	Complete	Mar-13
	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	
	Smithton	Yukon	*38% of the CMI was due to non-preventable trees and 38% due to damage caused by vehicles.*		
			Cycle tree trimming.	To be completed 2014	
	Roundhill	Roundhill	*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.*		
			Cycle tree trimming.	To be completed 2014	

ATTACHMENT C

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

Item	Description	Compliance Status
2a.	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.	Commitment completed.
2b.	Allegheny Power will maintain its 12-year inspection cycle for distribution and subtransmission wood poles and overhead facilities in a manner consistent with standard industry practices. These inspections will include visual inspections of the pole, the materials and equipment contained thereon from the ground line to the top of the pole, *hammer soundings, borings, excavation and treatment of pole.* In addition, Allegheny Power will commit to performing amid-cycle visual inspection of the pole and any material and equipment contained thereon, from the ground line to the pole top, incorporating reliability performance and performance of the materials and equipment into the prioritization of performing the mid-cycle inspections.	*Commitment implemented.*
2c.	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.	Commitment completed.
3.	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). 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.	Commitment completed.
4a. 1-3	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: 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

1st Quarter 2014 Reliability Report – West Penn Power Company :

CERTIFICATE OF SERVICE

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

Service by first class mail, as follows:

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

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

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

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

Dated: April 30, 2014

Tori L. Giesler
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PA PUBLIC UTILITY COMMISSION
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