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August 1, 2014

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PA PUBLIC UTILITY COMMISSION
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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

Re: 2nd Quarter 2014 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 2nd 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

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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2014 2nd Quarter Reliability Report

West Penn Power Company

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

2nd 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 future¹.

Major Events

West Penn Power did not experience any major events during the reporting period ending June 30, 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 MAIFI² values are provided, the report shall also include the number of customer momentary interruptions.

Reliability Index Values

2Q 2014 (12-Mo. Rolling)	West Penn Power		
	Benchmark	12-Month Standard	12-Month Actual
SAIFI	1.05	1.26	1.17
CAIDI	170	204	175
SAIDI	179	257	204
Customers Served³	713,705		
Number of Sustained Interruptions	11,307		
Customers Affected	834,923		
Customer Minutes	145,736,103		

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				
2nd Quarter 2014 12-Month Rolling	West Penn Power			
Cause	Customer Minutes	Number of Sustained Interruptions	Customers Affected	% Based on Number of Outages
EQUIPMENT FAILURE	20,762,375	2,524	156,125	22.32%
UNKNOWN	13,982,342	1,748	100,987	15.46%
TREES OFF ROW-TREE	53,178,081	1,729	153,944	15.29%
FORCED OUTAGE	12,217,048	1,235	156,864	10.92%
LINE FAILURE	18,309,440	1,052	87,996	9.30%
ANIMAL	1,386,403	934	18,697	8.26%
TREES OFF ROW-LIMB	6,027,759	430	33,871	3.80%
TREES ON ROW	5,785,593	419	23,722	3.71%
VEHICLE	7,447,838	342	54,098	3.02%
TREES - SEC/SERVICE	259,374	261	653	2.31%
BIRD	578,831	210	6,930	1.86%
LIGHTNING	2,757,431	181	17,237	1.60%
HUMAN ERROR -NON-COMPANY	1,760,771	97	12,806	0.86%
UG DIG-UP	84,573	35	459	0.31%
OVERLOAD	502,760	22	3,603	0.19%
HUMAN ERROR - COMPANY	139,162	21	3,625	0.19%
OBJECT CONTACT WITH LINE	126,662	19	555	0.17%
VANDALISM	16,980	12	68	0.11%
FIRE	38,798	11	161	0.10%
CUSTOMER EQUIPMENT	185,850	9	915	0.08%
SWITCHING ERROR	25,850	6	923	0.05%
PREVIOUS LIGHTNING	3,903	5	11	0.04%
WIND	42,557	2	18	0.02%
CONTAMINATION	242	1	2	0.01%
OTHER ELECTRIC UTILITY	91,290	1	358	0.01%
OTHER UTILITY-NON ELEC	24,190	1	295	0.01%
Total	145,736,103	11,307	834,923	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	2Q	YTD
Forestry	Transmission (Miles)	166.62	57.97	78.04
	Distribution (Miles)	4,506	1,137	2,041
Transmission	Aerial Patrols	2	1	1
	Groundline	0	0	0
Substation	General Inspections	5,880	1,470	2,940
	Transformers	608	259	408
	Breakers	501	192	225
	Relay Schemes	160	30	58
Distribution	Capacitors	1,310	0	1,311
	Poles	54,900	15,293	28,106
	Reclosers	3,789	1,095	3,789
	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 Expenditures⁴

West Penn Power						
T&D O&M - 2Q/YTD June 2014 (\$)						
Category	Q2 Actuals	Q2 Budget	Q2 YTD Actuals	Q2 YTD Budget	Annual Budget	
Transmission						
560 Operation Supervision and Engineering	50	0	53	0	0	
561 Load Dispatching	185,066	511,425	424,623	1,061,095	2,133,581	
562 Station Expenses	19,533	446,371	38,434	947,679	1,913,851	
563 Overhead Lines Expenses	322	0	648	0	0	
565 Transmission of Electricity by Others	7,644,558	6,707,774	15,449,308	13,565,417	27,481,224	
566 Miscellaneous Transmission Expenses	57,910	62,623	111,889	134,275	271,032	
567 Rents	50,220	0	62,831	0	0	
568 Maintenance Supervision and Engineering	75,657	82,692	178,683	205,022	417,316	
569 Maintenance of Structures	9,869	53,521	18,809	114,777	227,646	
570 Maintenance of Station Equipment	661,175	60,487	1,271,730	150,699	340,036	
571 Maintenance of Overhead Lines	1,100,922	504,141	2,409,620	818,183	1,946,687	
572 Maintenance of Underground Lines	615	0	890	0	0	
575 Market Administration, Monitoring and Compliance Services	84	5,824	207	11,584	23,360	
Transmission Total	9,805,981	8,434,858	19,967,723	17,008,731	34,754,735	
Distribution						
580 Operation Supervision and Engineering	74,417	8,501	(62,908)	35,986	453,940	
581 Load Dispatching	314,740	241,007	659,450	530,651	1,074,225	
582 Station Expenses	146,520	282,723	304,650	599,467	1,210,387	
583 Overhead Line Expenses	610,008	451,471	964,556	970,541	1,364,428	
584 Underground Line Expenses	342,269	243,563	532,179	487,238	974,363	
586 Meter Expenses	157,935	178,705	354,522	373,540	754,590	
588 Miscellaneous Distribution Expenses	1,889,872	2,289,402	3,742,573	3,995,558	8,521,377	
590 Maintenance Supervision and Engineering	38,712	60,694	106,492	161,233	379,123	
592 Maintenance of Station Equipment	926,319	744,515	2,061,636	1,707,335	3,665,101	
593 Maintenance of Overhead Lines	3,694,112	3,763,512	8,502,311	7,372,530	15,032,288	
594 Maintenance of Underground Lines	401,345	210,945	693,362	426,835	668,242	
596 Maintenance of Street Lighting and Signal Systems	229,353	190,981	653,241	406,724	821,803	
597 Maintenance of Meters	323,259	359,688	625,575	766,662	1,552,690	
598 Maintenance of Miscellaneous Distribution Plant	57,661	299,088	107,455	641,341	1,272,025	
Distribution Total	9,206,524	9,324,794	19,245,093	18,475,640	37,744,583	
West Penn Power Grand Total	19,012,505	17,759,652	39,212,817	35,484,372	72,499,317	

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 Expenditures⁵

West Penn Power					
T&D Capital - 2Q / YTD June 2014 (\$)					
Category	Q2 Actuals	Q2 Budget	Q2 YTD Actuals	Q2 YTD Budget	Annual Budget
Capacity	3,179,798	7,991,869	5,853,124	9,813,111	15,490,510
Condition	942,429	2,746,085	2,498,758	4,438,810	8,056,231
Facilities	512,788	419,610	704,067	500,378	1,114,559
Forced	5,362,746	6,123,002	11,044,181	13,163,051	25,700,580
Meter Related	511,354	569,436	1,055,338	1,226,294	2,454,625
New Business	3,877,592	5,283,825	8,073,437	11,112,501	22,788,586
Other	5,277,909	4,558,525	7,974,614	7,529,841	21,130,494
Reliability	2,745,993	1,108,795	4,281,246	1,769,588	3,998,820
Street Light	209,896	154,517	498,532	332,475	665,577
Tools and Equipment	675,599	263,075	1,482,185	511,065	1,613,460
Vegetation Management	8,387,738	8,044,993	16,447,096	16,147,012	31,730,252
West Penn Power Total	31,683,843	37,263,732	59,912,579	66,544,124	134,743,695

General Note:
Capital reported on Generally Accepted Accounting Principles (GAAP) basis.

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	73		
	Lineman	151	146		
Substation	Leader	13	13		
	Electrician	44	45		
	Total	283	277		

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	3,537,906			7,230,491

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%
April	23%
May	22%
June	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)
April	817	584	3,109	3.81	5.32
May	1,127	734	4,477	3.97	6.10
June	1,392	918	6,055	4.35	6.60
2Q Total	3,336	2,236	13,641	4.09	6.10

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

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West Penn. Power												
Circuit Rank	Substation	Circuit Desc	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI
1	Houston	McGovern	Washington	1,732	44	2	1,982,018	6,357	2.77	1,144	3.67	311.79
2	Vanceville	Vanceville	Charleroi	1,379	55	0	1,695,643	4,738	2.37	1,230	3.44	357.88
3	Franklin	South Waynesburg	Jefferson	2,133	37	1	1,445,502	4,629	2.02	678	2.17	312.27
4	Atherton	East Residential	State College	2,027	20	1	1,316,119	4,289	1.84	649	2.12	306.86
5	White Valley	Borlands Rd	Jeannette	1,372	14	2	1,272,407	3,818	1.78	927	2.78	333.27
6	Bentleyville	Ellsworth	Charleroi	1,923	33	0	1,212,004	1,815	1.70	630	0.94	667.77
7	Avela	W. Middletown	Washington	1,146	55	0	1,160,334	2,311	1.62	1,013	2.02	502.09
8	Kittanning	Cadogan	Kittanning	1,072	28	0	1,046,484	3,472	1.46	976	3.24	301.41
9	North Fayette	Tyre	McDonald	1,434	38	3	962,471	6,052	1.35	671	4.22	159.03
10	Ethel Springs	Pandora	Latrobe	1,430	30	2	906,899	5,291	1.27	634	3.70	171.40
11	Crossgates	Peters Twp	Boyce	1,118	26	2	874,372	3,407	1.22	782	3.05	256.64
12	Harwick	Hamar	Arnold	905	15	1	835,301	2,197	1.17	923	2.43	380.20
13	Mcconnellsburg	Harrisonville	Mcconnellsburg	1,395	28	0	817,465	3,261	1.14	586	2.34	250.68
14	Milheim	Woodward	State College	1,135	37	0	766,718	1,565	1.07	676	1.38	489.92
15	Franklin	West Waynesburg	Jefferson	2,165	32	2	728,427	5,438	1.02	336	2.51	133.95
16	Cecil	Bishop	Boyce	1,461	38	2	717,415	5,531	1.00	491	3.79	129.71
17	Peters	Venetia	Boyce	1,949	17	2	712,467	4,244	1.00	366	2.18	167.88
18	Carmichaels	Carmichaels	Jefferson	1,653	21	2	676,869	3,592	0.95	409	2.17	188.44
19	Atherton	South Hills	State College	1,019	33	6	668,619	7,061	0.94	656	6.93	94.69
20	Herman	Herman	Butler	766	29	0	633,115	3,252	0.89	827	4.25	194.68
21	South Union	Fairchance	Uniontown	2,150	30	1	626,601	4,836	0.88	291	2.25	129.57
22	Westraver	Pittsburgh Coal	Charleroi	1,910	40	0	596,920	3,954	0.84	313	2.07	150.97
23	Vestaburg	Fredericktown	Jefferson	858	14	1	594,086	1,742	0.83	692	2.03	341.04
24	Loyalhanna	Center Drive	Latrobe	1,241	25	1	589,350	3,587	0.83	475	2.89	164.30
25	Ethel Springs	New Derry	Latrobe	1,035	34	2	578,379	2,794	0.81	559	2.70	207.01
26	Bentleyville	Jonestown	Charleroi	927	24	0	564,866	972	0.79	609	1.05	581.14
27	Murrycrest	North Hills Road	Jeannette	1,232	22	1	554,421	3,717	0.78	450	3.02	149.16
28	Sligo	Reidsburg	Clarion	704	17	1	553,916	1,745	0.78	787	2.48	317.43
29	White Valley	Congruity	Jeannette	1,759	50	0	550,537	3,614	0.77	313	2.05	152.33
30	Smith	Florence	McDonald	813	43	0	544,615	1,737	0.76	670	2.14	313.54

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	Bethlen	Darlington	Latrobe	1,251	55	1	538,401	2,910	0.75	430	2.33	185.02
32	Frazier	Wickhaven	Pleasant Valley	733	16	1	537,943	1,180	0.75	734	1.61	455.88
33	Clarion	Strattanville	Clarion	1,363	30	1	536,743	3,223	0.75	394	2.36	166.54
34	Gordon	Franklin	Washington	1,229	16	2	528,552	3,149	0.74	430	2.56	167.85
35	New Bethlehem	Clarion Rd	Clarion	1,415	24	1	527,371	2,851	0.74	373	2.01	184.98
36	Roundhill	Roundhill	Charleroi	881	42	1	506,503	3,425	0.71	575	3.89	147.88
37	White Valley	Export	Jeannette	2,081	31	1	486,817	4,263	0.68	234	2.05	114.20
38	Bethelboro	Coolspring	Uniontown	1,492	21	2	486,442	4,933	0.68	326	3.31	98.61
39	New Bethlehem	Climax	Clarion	1,128	23	1	479,530	2,343	0.67	425	2.08	204.66
40	North Washington	Poke Run	Arnold	1,218	35	1	476,345	4,352	0.67	391	3.57	109.45

ATTACHMENT B

Worst Performing Circuits – Remedial Actions

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West Penn Power					
	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
1	Houston	McGovern	<i>Performance was driven by off right-of way trees (73%) and unknown causes (11%). 53% of the outages occurred on one storm day - July 10, 2013.</i>		
			Follow up hardware corrections as a result of hardware review	Complete	Jun-13
			Cycle tree trimming	To be completed 2014	
2	Vanceville	Vanceville	<i>Performance was driven by off right-of way trees (25%), line failure (38%), unknown causes (11%) and vehicle (13%).</i>		
			Cycle tree trimming	To be completed 2014	
3	Franklin	South Waynesburg	<i>Performance was driven by off right-of way trees (49%) and unknown causes (41%). 81% of the outages occurred on two storm days - July 10, 2013 and November 1, 2013.</i>		
			No additional actions are planned for 2014		
4	Atherton	East Residential	<i>Performance was driven by on right-of way trees (72%), line failure (16%) and forced outages (11%). 72% of the outages occurred on one storm day - July 10, 2013.</i>		
			Cycle tree trimming	To be completed 2014	
5	White Valley	Borlands Rd	<i>Performance was driven by off right-of way trees (68%) and human error - non company (19%). 68% of the outages occurred on one storm day - July 10, 2013.</i>		
			Cycle tree trimming	Complete	Jun-13

West Penn Power					
	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
6	Bentleyville	Ellsworth	<i>Performance was driven by off right-of way trees (19%), forced outages (52%) and unknown causes (23%). 57% of the outages occurred on one storm day - November 1, 2013.</i>		
			No additional actions are planned for 2014		
7	Avella	W. Middletown	<i>Performance was driven by off right-of way trees (75%) and equipment failure (12%). 42% of the outages occurred on one storm day - July 10, 2013.</i>		
			Cycle tree trimming	To be completed 2014	
8	Kittanning	Cadogan	<i>Performance was driven by off right-of way trees (57%) and vehicle (42%).</i>		
			Main line tree and SAIFI hardware review	Complete	Apr-14
9	North Fayette	Tyre	<i>Performance was driven by off right-of way trees (40%), forced outages (12%) and equipment failure (21%).</i>		
			Targeted tree trimming planned to improve reliability	To be completed 2014	
10	Ethel Springs	Pandora	<i>Performance was driven by off right-of way trees (46%) and vehicles (41%).</i>		
			Cycle tree trimming	To be completed 2014	
11	Crossgates	Peters Twp	<i>Performance was driven by off right-of way trees (75%) and on right-of way trees (14%).</i>		
			Zone 1 circuit patrol	Complete	Jun-14

West Penn Power					
	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
12	Harwick	Harmar	<i>Performance was driven by equipment failure (70%) and off right-of way trees (17%).</i>		
			Cycle tree trimming	To be completed 2014	
13	Mcconnellsburg	Harrisonville	<i>Performance was driven by off right-of way trees (46%), equipment failure (21%) and forced outages (23%).</i>		
			Zone 1 circuit patrol	Complete	Jun-14
14	Millheim	Woodward	<i>Performance was driven by off right-of way trees (93%).</i>		
			Zone 1 circuit patrol	Complete	Feb-14
15	Franklin	West Waynesburg	<i>Performance was driven by unknown causes (86%).</i>		
			Zone 1 circuit patrol	Complete	Feb-14
16	Cecil	Bishop	<i>Performance was driven by off right-of way trees (89%). 41% of the outages occurred on one storm day - July 10, 2013.</i>		
			Cycle tree trimming	Complete	Dec-13
17	Peters	Venetia	<i>Performance was driven by off right-of way trees (69%) and unknown causes (30%).</i>		
			Zone 1 circuit patrol	Complete	May-14

West Penn Power					
	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
18	Carmichaels	Carmichaels	<i>Performance was driven by equipment failures (61%) and a bird (32%) causing a lockout.</i>		
			Zone 1 circuit patrol	Complete	Jan-14
19	Atherton	South Hills	<i>Performance was driven by equipment failure (49%), human error non-company (22%) and off right-of way trees (14%).</i>		
			Cycle tree trimming	Complete	Apr-14
20	Herman	Herman	<i>Performance was driven by off right-of way trees (76%) and forced outages (12%).</i>		
			On-cycle circuit inspection	Complete	Nov-13
			Cycle tree trimming	To be completed 2014	
21	South Union	Fairchance	<i>Performance was driven by equipment failure (19%), forced outages (48%) and line failure (18%).</i>		
			Zone 1 circuit patrol and removed two danger trees	Complete	Jan-14
22	Westraver	Pittsburgh Coal	<i>Performance was driven by off right-of way trees (46%), line failure (21%) and forced outages (19%).</i>		
			Zone 1 circuit patrol	Complete	Mar-14
			Repair circuit patrol hardware issues found	To be completed 2014	

West Penn Power					
	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
23	Vestaburg	Fredericktown	<i>Performance was driven by line failure (75%) and forced outages (22%).</i>		
			Cycle tree trimming	Complete	Dec-13
24	Loyalhanna	Center Drive	<i>Performance was driven by unknown causes (65%) and line failure (26%). 55% of the outages occurred on one storm day November 1, 2013.</i>		
			Repair circuit patrol hardware issues found	Complete	Feb-14
			Zone 1 circuit patrol	Complete	May-14
25	Ethel Springs	New Derry	<i>Performance was driven by off right-of way trees (67%) and unknown causes (21%).</i>		
			Cycle tree trimming	To be completed 2014	
26	Bentleyville	Jonestown	<i>Performance was driven by off right-of way trees (44%), line failure (14%) and vehicle (41%).</i>		
			Cycle tree trimming	To be completed 2014	
27	Murrycrest	North Hills Road	<i>Performance was driven by off and on right-of way trees (88%). 33% of the outages occurred on one storm day - July 10, 2013.</i>		
			Cycle tree trimming	To be completed 2014	

West Penn Power					
	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
28	Sligo	Reidsburg	<i>Performance was driven by equipment failure (56%), forced outages (29%) and vehicles (10%).</i>		
			Zone 1 circuit patrol performed, removed 10 danger trees	Complete	Mar-14
29	White Valley	Congruity	<i>Performance was driven by line failure (29%), off right-of way trees (25%) and unknown causes (28%).</i>		
			Cycle tree trimming	To be completed 2014	
30	Smith	Florence	<i>Performance was driven by off and on right-of way trees (52%), equipment failure (18%), forced outages (14%) and unknown causes (12%).</i>		
			Main line tree and hardware review	Complete	Apr-14
31	Bethlen	Darlington	<i>Performance was driven by off right-of way trees (71%) and equipment failure (11%).</i>		
			Main line SAIFI hardware review	Complete	Jun-13
			Zone 1 circuit patrol	Complete	Mar-14
32	Frazier	Wickhaven	<i>Performance was driven by off right-of way trees (97%).</i>		
			No additional actions are planned for 2014		

West Penn Power					
	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
33	Clarion	Strattanville	<i>Performance was driven by off right-of way trees (26%) and unknown causes (57%). 34% of the outages occurred on one storm day - July 10, 2013.</i>		
			Cycle tree trimming	Complete	Dec-13
34	Gordon	Franklin	<i>Performance was driven by off right-of way trees (82%) and line failure (11%). 52% of the outages occurred on one storm day - July 10, 2013.</i>		
			Zone 1 circuit patrol	Complete	May-14
35	New Bethlehem	Clarion Rd	<i>Performance was driven by off right-of way trees (65%) and equipment failure (33%). 37% of the outages occurred on one storm day - July 10, 2013.</i>		
			Cycle tree trimming	To be completed 2014	
36	Roundhill	Roundhill	<i>Performance was driven by off right-of way trees (50%), forced outages (12%), line failure (14%) and unknown causes (12%).</i>		
			Cycle tree trimming	To be completed 2014	
37	White Valley	Export	<i>Performance was driven by off right-of way trees (47%) and line failure (34%).</i>		
			Cycle tree trimming	Complete	Apr-14

West Penn Power					
	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
38	Bethelboro	Coolspring	<i>Performance was driven by line failure (48%) and vehicles (32%). 59% of the outages occurred on one storm day - November 1, 2013.</i>		
			Zone 1 circuit patrol	Complete	Jan-14
39	New Bethlehem	Climax	<i>Performance was driven by off right-of way trees (11%) and line failure (79%).</i>		
			Zone 1 circuit patrol performed, removed 10 danger trees	Complete	May-14
40	North Washington	Poke Run	<i>Performance was driven by off right-of way trees (72%) and unknown causes (18%).</i>		
			Main line tree and hardware review	Complete	Feb-14
	Tri Town	Dawson	<i>Performance was driven by off right-of way trees (96%).</i>		
			Cycle tree trimming	Complete	Jun-14

West Penn Power					
	Substation	Circuit	Remedial Actions Planned or Taken	Status of Remedial Work	Date Remedial Work Completed
	Necessity	Ohicpyle	<i>Performance was driven by off right-of way trees (81%).</i>		
			Main line SAIFI hardware review completed.	Complete	Dec-13
			Cycle tree trimming	To be completed 2014	
	Mateer	Dime Rd	<i>Performance was driven by off right-of way trees (46%), on right-of way trees (23%) and unknown causes (17%).</i>		
			Cycle tree trimming	Complete	Jun-14
	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	

ATTACHMENT C

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

Item	Description	Compliance Status
2a.	<p>Allegheny Power will make adjustments to its vegetation maintenance practices to reduce its rights-of-way clearing cycle to no longer than four years from [2005] through 2008 and will use the four-year cycle results to test the effectiveness of this approach. Allegheny Power reserves the right to change the cycle length after 2008 (after discussing with the parties) if another method with the cycle of more than four years appears more effective at managing its rights of way. Allegheny power will also make adjustments to its existing program to allow more focus on off-right-of-way danger trees.</p>	Commitment completed.
2b.	<p>Allegheny Power will maintain its 12-year inspection cycle for distribution and subtransmission wood poles and overhead facilities in a manner consistent with standard industry practices. These inspections will include visual inspections of the pole, the materials and equipment contained thereon from the ground line to the top of the pole, hammer soundings, borings, excavation and treatment of pole. In addition, Allegheny Power will commit to performing amid-cycle visual inspection of the pole and any material and equipment contained thereon, from the ground line to the pole top, incorporating reliability performance and performance of the materials and equipment into the prioritization of performing the mid-cycle inspections.</p>	Commitment implemented.
2c.	<p>Allegheny Power has committed to undertake a line workforce study that is to determine how many line workers should be hired to proactively prepare for anticipated retirements, to determine the optimal locations for line workers, to determine appropriate work shifts to reduce overtime, and to increase the effectiveness of its operations. Allegheny Power agrees to also study its substation workforce with the goal of estimating future staffing needs, preparing for anticipated retirements, determining the optimal locations and work shifts, and increasing the effectiveness of operations. 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). 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**

**2nd 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
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300 North Second Street
Harrisburg, PA 17101

Tanya McCloskey
Office of Consumer Advocate
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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: August 1, 2014



Tori L. Giesler
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Counsel for West Penn Power Company

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SECRETARY'S BUREAU

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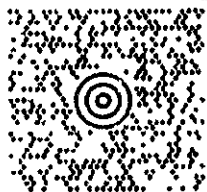
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