

March 2, 2017

***VIA ELECTRONIC FILING
AND OVERNIGHT DELIVERY***

Steven V. King
Executive Director and Secretary
Washington Utilities and Transportation Commission
1300 S. Evergreen Park Drive S.W.
P.O. Box 47250
Olympia, WA 98504-7250

RE: Major Event Report—January 16, 2017

Pacific Power & Light Company (Pacific Power or Company), a division of PacifiCorp, is claiming major event exclusion for the outages that affected its Walla Walla service area on January 16, 2017.

The basis for exclusion is the number of customers affected and the damage that occurred to the Company's facilities in each event. Please find attached the details regarding the major event including costs incurred, restoration resources, number of customers off supply, customer minutes lost, and SAIDI, SAIFI, and MAIFI figures.

The Company will exclude outage information for this event from its network performance reporting and from customer guarantee failure payments.

Please direct any informal inquiries regarding this filing to Ariel Son, Manager, Regulatory Projects, at (503) 813-5410.

Sincerely,



R. Bryce Dalley
Vice President, Regulation

Enclosures

Report to the Washington Utilities and Transportation Commission Electric Service Reliability - Major Event Report

Event Date:	January 16, 2017
Date Submitted:	March 2, 2017
Primary Affected Locations:	Walla Walla
Primary Cause:	Loss of Transmission
Exclude from Reporting Status:	Yes
Report Prepared by:	April Brewer
Report Approved by:	Heide Caswell / Kevin Putnam / David O'Neil / Pablo Arronte

Event Description

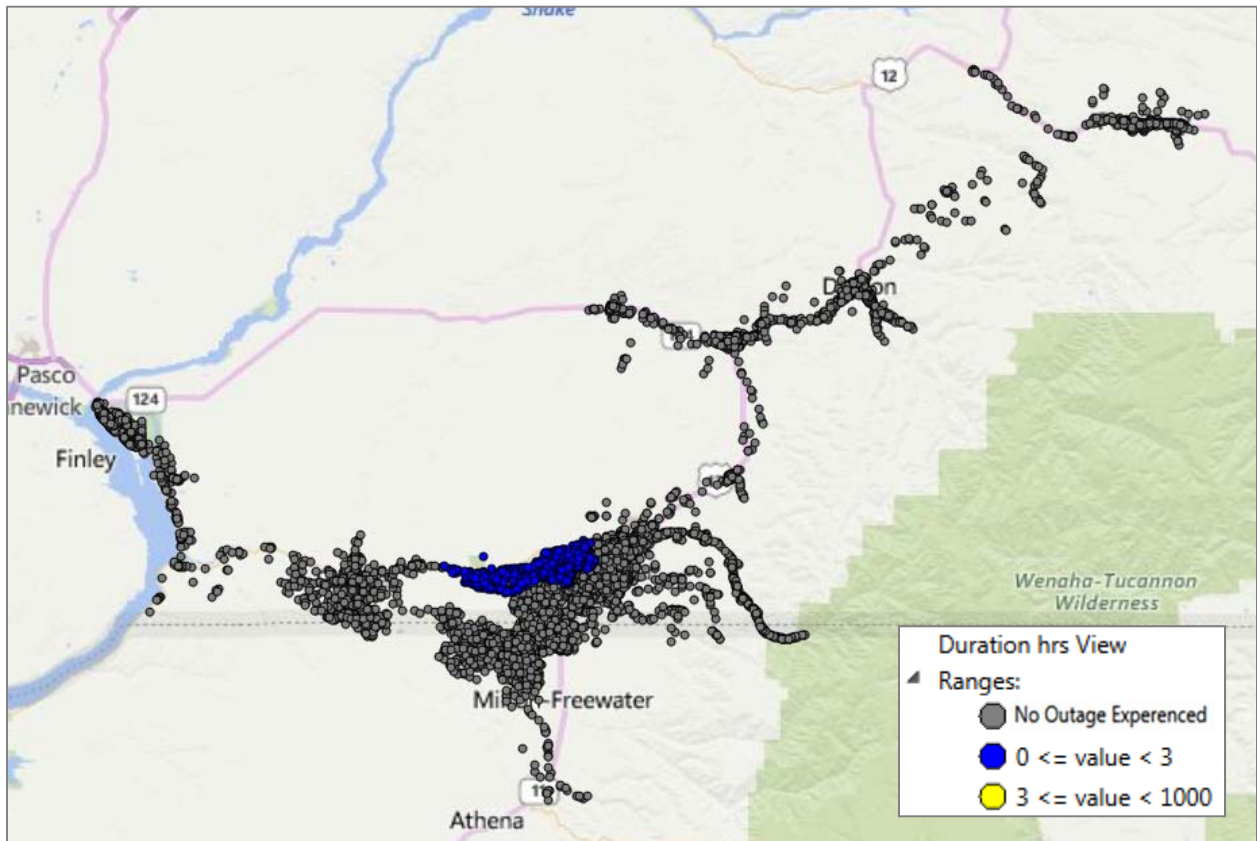
On January 16, 2017, Walla Walla, Washington experienced a system average interruption frequency index (SAIFI)-based major event when a damaged lightning arrester inside the Bowman Substation caused the transmission line circuit breaker to open. The outage affected 4,430¹ customers; approximately 16% of the Walla Walla operating area's customers, for 1 hour 41 minutes.

Event Outage Summary	
# Interruptions (sustained)	5
Total Customer Interrupted (sustained)	4,431
Total Customer Minutes Lost	447,318
State Event SAIDI	3.33 Minutes
CAIDI	101
Major Event Start	1/16/17 12:00 AM
Major Event End	1/17/17 12:00 AM

¹ A SAIFI-based major event threshold (as identified in PacifiCorp's reporting plan, pursuant to Washington Administrative Code (WAC) 480-100-393 & 398 Electric Reliability Annual Monitoring and Reporting Plan) is defined as an event in which more than 10% of an operating area's customers are simultaneously without service as a result of a sustained interruption. Walla Walla operating area's Calendar 2017 Frozen Customer Count is 28,387 customers.

Restoration Summary

At 12:24 p.m. on January 16, 2017, Walla Walla, Washington experienced a loss of transmission event when a lightning arrester on a station transformer within the Bowman substation experienced a fault event causing the circuit breaker to trip. Personnel was dispatched to the substation. Meanwhile dispatch began reviewing the system configuration in an effort to create switching orders to restore service to customers as rapidly as possible. Upon arrival at the substation, the field personnel were able to isolate the damaged substation transformer high side lightning arrester and reenergize the transmission line and the substation. There were no company or commission customer complaints made regarding the major event.



Restoration Intervals

Total Customers Sustained	< 3 Hrs.	3 - 24 Hrs.	24+ Hrs.
4,431	4,430	1	0

Restoration Resources

Personnel Resources	
Journeyman	7
TOTAL	7

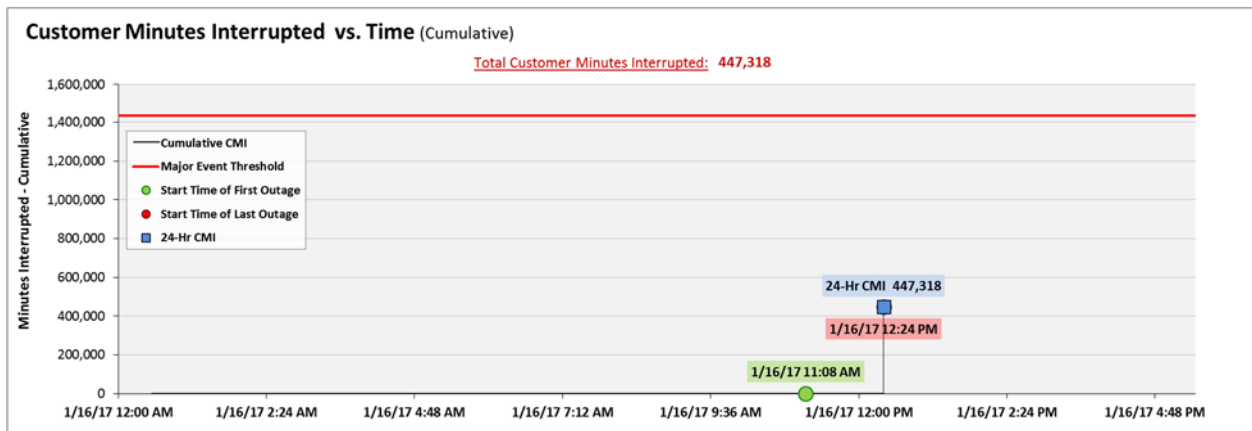
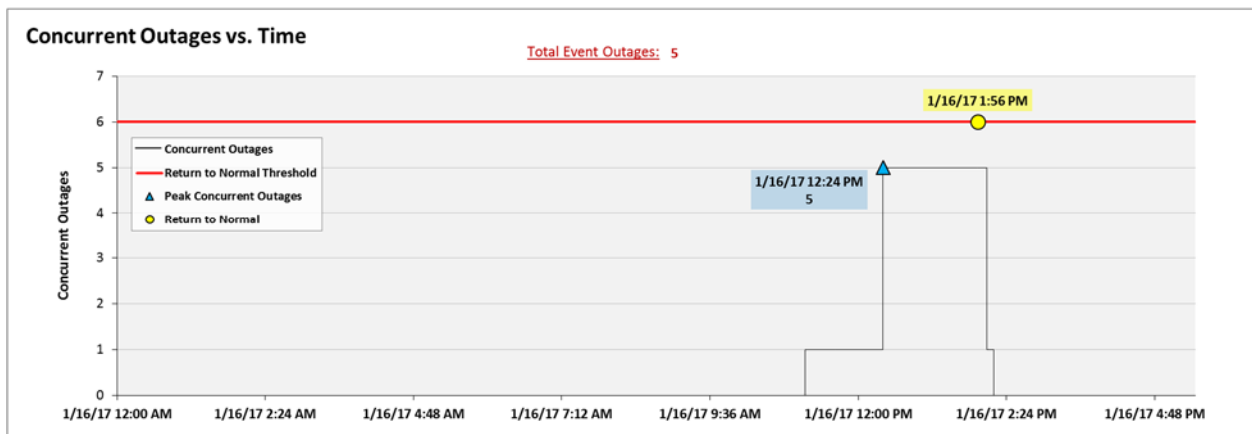
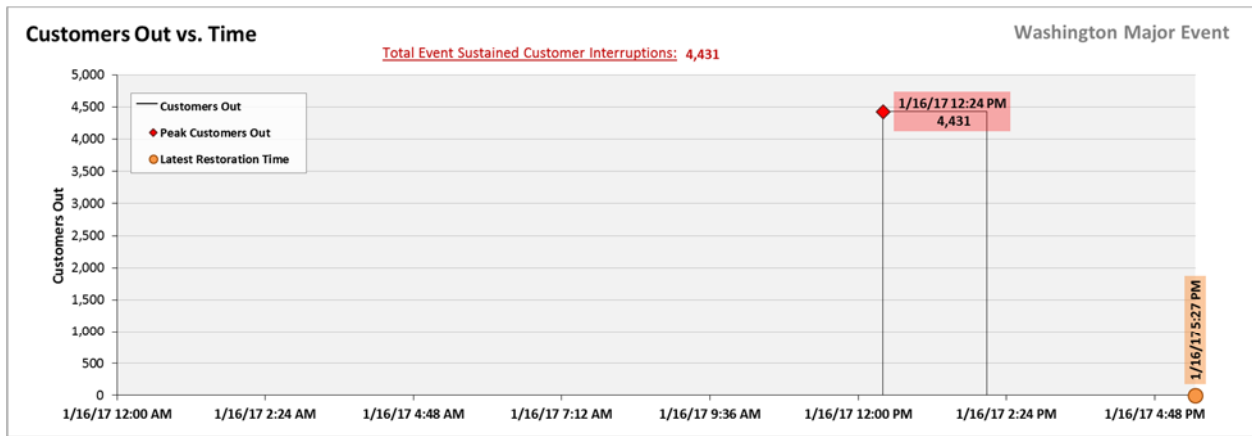
State Estimated Major Event Costs

Estimate \$	Labor	Material	Contract Resources *	Total
Capital	\$3,102	\$434	\$0	\$3,536
Expense	\$0	\$0	\$0	\$0
Total	\$3,102	\$434	\$0	\$3,536

Major Event Declaration

Pacific Power is requesting designation of this event and its consequences to be classified as a “Major Event” for exclusion from underlying network performance reporting. This major event exceeded the company’s current Washington system average interruption frequency index-driven (SAIFI) threshold of 10% total operating area customers served sustained interruptions (4,430 customers interrupted out of 28,387 Walla Walla operating area customers, or 16% of the operating area customers) simultaneously in a 24-hour period.

Event Detail



SAIDI, SAIFI, CAIDI by Reliability Reporting Region

Please see the attached system-generated reports.

PacifiCorp Major Event Report

Customer Analysis

Walla Walla, Washington	Customer Analysis through 1/17/2017					Customers Restored by Intervals							Major Event Only - metric by operating area customer counts			
	Sustained Customers Off	% Sustained Customers Off	CML	Number of Sustained Interruptions	Customer Count	< 5 min	5 min - 3 hrs	3 hrs - 24 hrs	24 hrs - 48 hrs	48 hrs - 72 hrs	72 hrs - 96 hrs	96 + hrs	% Sustained Customers Restored in 3 Hours PS4	SAIDI	SAIFI	CAIDI
PC PACIFICORP	4,431	0%	447,318	5	1,900,047	-	4,430	1	-	-	-	-	100%	0.24	0.002	101
PP Pacific Power	4,431	1%	447,318	5	779,477	-	4,430	1	-	-	-	-	100%	0.57	0.006	101
WA Washington	4,431	3%	447,318	5	134,194	-	4,430	1	-	-	-	-	100%	3.33	0.033	101
WA WALLA WALLA	4,431	16%	447,318	5	28,387	-	4,430	1	-	-	-	-	100%	15.76	0.156	101

*Only current event specific metric impact shown. Does not include values from other events which may have occurred in other regions during the same time period.

Date*	Customer Interrupted by Date through 1/17/2017					Customers Restored by Intervals							Major Event Only - metric by state customer counts			
	Sustained Customers Off	% Sustained Customers Off	CML	Number of Sustained Interruptions	Average Customer Count	< 5 min	5 min - 3 hrs	3 hrs - 24 hrs	24 hrs - 48 hrs	48 hrs - 72 hrs	72 hrs - 96 hrs	96 + hrs	% Sustained Customers Restored in 3 Hours PS4	SAIDI	SAIFI	CAIDI
1/16/2017	4,431	3%	447,318	5	134,194	-	4,430	1	-	-	-	-	100%	3.33	0.033	101

Data as of
2/10/2017

PacifiCorp Major Event Report

SSC by State Analysis

	Walla Walla, Washington PacifiCorp Major Events Report SSC by State	Event			01/16/17 through 01/17/17			01/01/17 through 01/31/17			FY2018			01/01/17 through 01/31/17			YTD								
		Major Events Included			Major Event Excluded			Major Events Included			Major Events Excluded*			Major Events Included			Major Events Excluded*								
		SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI			
PC	PACIFICORP	0.28	0.003	106	0.05	0.000	136	45.36	0.144	315	9.64	0.063	152	45.36	0.144	315	9.64	0.063	152	45.36	0.144	315	9.64	0.063	152
PP	Pacific Power	0.59	0.006	102	0.02	0.000	148	91.78	0.251	366	7.87	0.061	128	91.78	0.251	366	7.87	0.061	128	91.78	0.251	366	7.87	0.061	128
WA	Washington	3.37	0.033	101	0.03	0.000	148	13.55	0.106	128	10.21	0.073	141	13.55	0.106	128	10.21	0.073	141	13.55	0.106	128	10.21	0.073	141
WA	SUNNYSIDE	0.03	0.000	158	0.028	0.000	158	3.44	0.021	168	3.44	0.021	168	3.44	0.021	168	3.44	0.021	168	3.44	0.021	168	3.44	0.021	168
WA	WALLA WALLA	3.33	0.033	101	-	-	-	3.99	0.037	108	0.66	0.004	164	3.99	0.037	108	0.66	0.004	164	3.99	0.037	108	0.66	0.004	164
WA	YAKIMA	0.00	0.000	101	0.00	0.000	101	6.11	0.048	127	6.11	0.048	127	6.11	0.048	127	6.11	0.048	127	6.11	0.048	127	6.11	0.048	127

*may include other regional major event exclusions during the same period. Operating areas are calculated by the state frozen customer count metrics.

Data as/of
2/10/2017