

August 3, 2016

***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—June 8, 2016

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 June 8, 2016.

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: June 8, 2016

Date Submitted: August 3, 2016

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 / David O'Neil / Steve Henderson / Kevin Putnam

Event Description

On June 8, 2016, Walla Walla, Washington, experienced a system average interruption frequency index-driven (SAIFI)-based major event when a lightning storm caused a loss of supply event. The outage affected 4,169¹ customers with all customer restorations completed within 3 hours 32 minutes. Sustained interruptions were experienced by approximately 15% of the Walla Walla operating area's customers.

Event Outage Summary	
# Interruptions (sustained)	7
Total Customer Interrupted (sustained)	4,169
Total Customer Minutes Lost	423,287
Event SAIDI	3.18 Minutes
CAIDI	102
Major Event Start	6/8/16 12:00 AM
Major Event End	6/8/16 11:59 PM

Restoration Summary

At 2:43 pm on June 8, 2016, a fault occurred operating the breaker at the Mill Creek substation in Walla Walla de-energizing feeds to Waitsburg, Dayton, and Pomeroy substations. Dispatch quickly attempted to sectionalize the line at the Dayton substation by opening a SCADA switch. The switch was unable to open and an area lineman was called to

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 2016 Frozen Customer Count is 28,310 customers.

the substation to manually open the switch. Management was notified of the event and wiremen were directed to return to the Dry Gulch substation to restore the existing radial feed which had been taken out of service due to planned scheduled maintenance on the breaker. In the meantime an additional crew was dispatched to patrol the line. Crews restored power to the Dayton substation energizing two circuits and restoring power to 1,934 customers in 56 minutes. Waitsburg substation was the next to become energized, also restoring feeds to two circuits and 1,072 customers in just over 1 hours. Pomeroy substation was the last substation to energize, restoring feed to one circuit and 1,163 customers in 3 hours 32 minutes.

Restoration activities utilized 11 personnel.

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.
4,169	3,006	1,163	0

Restoration Resources

Resources	
Journeyman	11

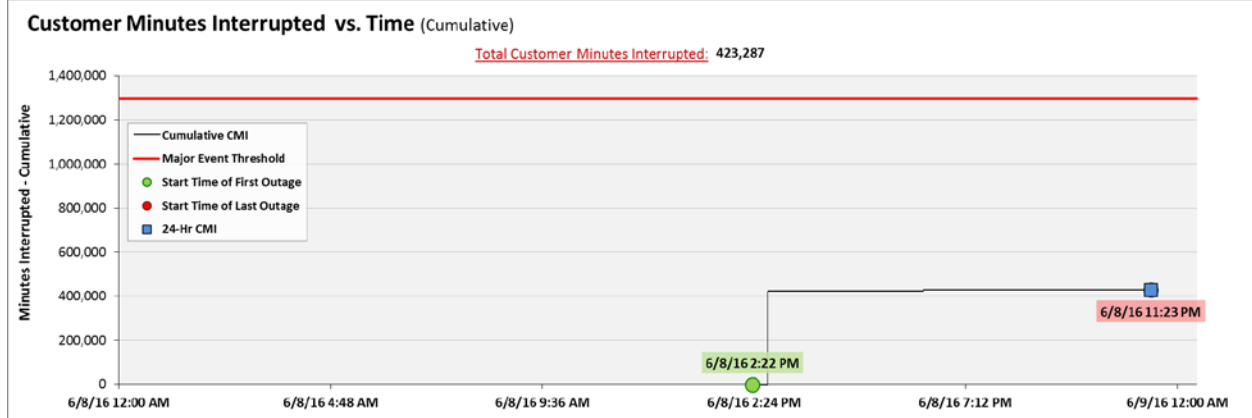
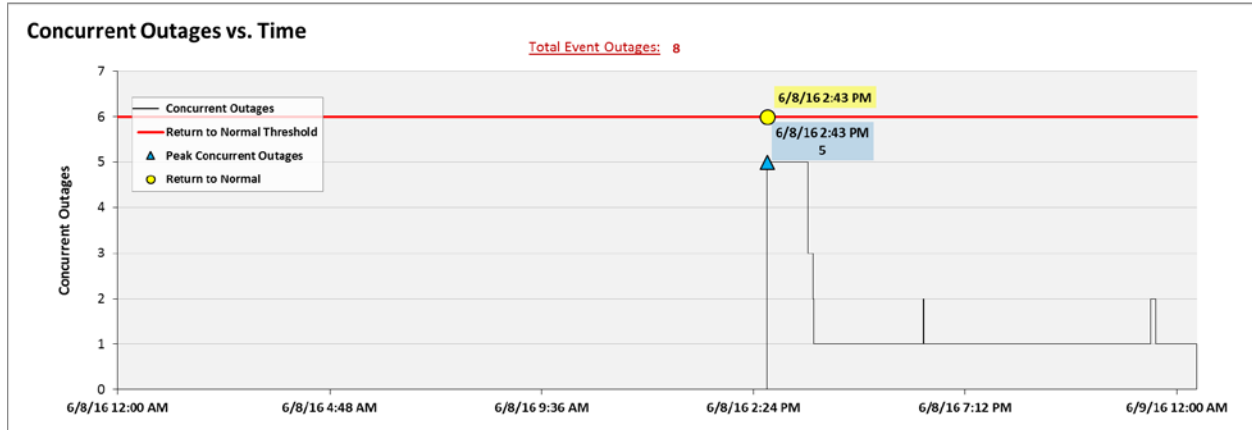
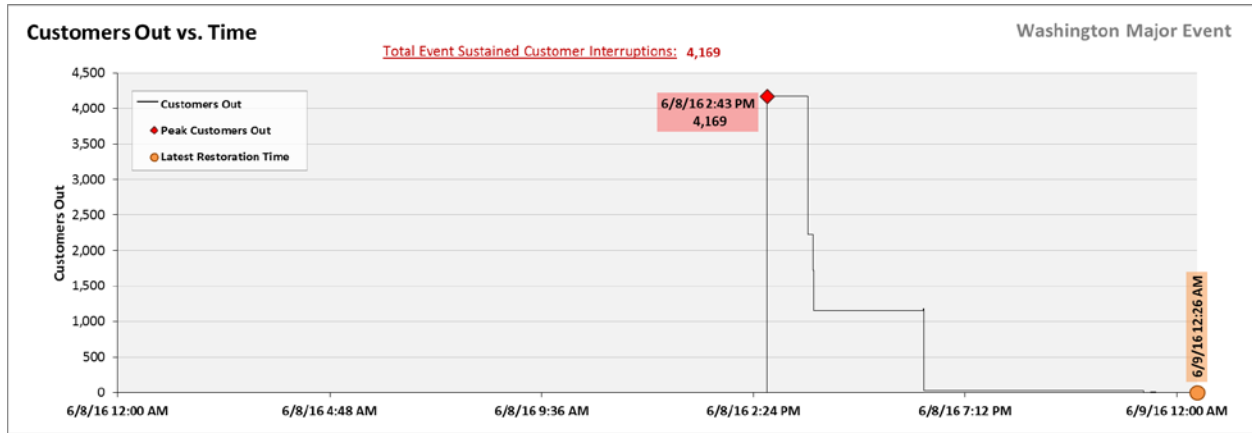
State Estimated Major Event Costs

Estimate \$	Labor	Materials	Total
Capital	\$0	\$0	\$0
Expense	\$7,427	\$0	\$7,427
Total	\$7,427	\$0	\$7,427

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 (4,169 customers interrupted out of 28,310 Walla Walla operating area customers, or 15% 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.

Date

Data as/of 7/14/2016

Fiscal Year FY2017

Event Begin Date/Time 06/08/2016 12:00:00 AM

Event Begin Time

Event End Date/Time 06/08/2016 11:59:00 PM

Event End Time

Month Begin 6/1/2016

Month End 6/30/2016

Year Begin 1/1/2016

Year End 6/30/2016

State Washington

Comments: **Tag** **filed**

PacifiCorp Major Event Report

Customer Analysis

	Washington	Customer Analysis 6/8/2016 through 6/8/2016				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	4,169	0%	423,287	7	1,868,631	-	3,006	1,163	-	-	-	-	72%	0.23	0.002	102
PP	Pacific Power	4,169	1%	423,287	7	771,210	-	3,006	1,163	-	-	-	-	72%	0.55	0.005	102
WA	Washington	4,169	3%	423,287	7	133,235	-	3,006	1,163	-	-	-	-	72%	3.18	0.031	102
WA	WALLA WALLA	4,169	15%	423,287	7	28,310	-	3,006	1,163	-	-	-	-	72%	14.95	0.147	102

*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 6/8/2016 through 6/8/2016				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
6/8/2016	4,169	3%	423,287	7	133,235	-	3,006	1,163	-	-	-	-	72%	3.18	0.031	102

Data as of 7/14/2016

PacifiCorp Major Event Report

SSC by State Analysis

	Washington	06/08/16 through 06/08/16						06/01/16 through 06/30/16						FY2017 01/01/16 through 06/30/16					
		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
PC	PACIFICORP	0.61	0.006	110	0.39	0.003	115	14.54	0.121	120	13.60	0.115	119	108.36	0.737	147	58.58	0.524	112
PP	Pacific Power	1.12	0.010	107	0.57	0.005	114	15.64	0.140	112	13.37	0.123	108	100.41	0.701	143	57.15	0.524	109
WA	Washington	3.23	0.031	103	0.05	0.000	292	11.66	0.080	146	8.48	0.049	174	50.16	0.418	120	41.44	0.327	127
WA	WALLA WALLA	3.18	0.031	102	-	-	-	4.50	0.046	97	1.32	0.015	88	12.92	0.125	104	7.65	0.062	124

*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
7/14/2016