

October 20, 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—August 13, 2016

Pacific Power & Light Company (Pacific Power or Company), a division of PacifiCorp, is claiming major event exclusion for the outages that affected its Sunnyside and Yakima service area on August 13, 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: August 13, 2016
 Date Submitted: October 20, 2016
 Primary Affected Locations: Sunnyside/Yakima
 Primary Cause: Loss of Supply
 Exclude from Reporting Status: Yes
 Report Prepared by: April Brewer
 Report Approved by: Heide Caswell / Kevin Putnam / David O'Neil / Steve Henderson

Event Description

On August 13, 2016, Sunnyside and Yakima operating areas, experienced a system average interruption frequency index-driven (SAIFI)-based major event when a loss of transmission event occurred on the Bonneville Power Administration (BPA) 230 kilovolt (kV) transmission feed. The outage event affected 17,196¹ customers with all customer restorations completed within 32 minutes. During the day, sustained interruptions were experienced by 16% of the combined total customers in the Sunnyside and Yakima operating areas.

Event Outage Summary	
# Interruptions (sustained)	24
Total Customer Interrupted (sustained)	17,238
Total Customer Minutes Lost	332,150
Event SAIDI	2.49 Minutes
CAIDI	19
Major Event Start	8/13/16 12:00 AM
Major Event End	8/14/16 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. Sunnyside operating area's Calendar 2016 Frozen Customer Count is 24,317 customers and Yakima's 2016 Frozen Customer Count is 80,605, for a combined total of 104,922.

Restoration Summary

Pacific Powers Outlook substation is fed from two 230 kV BPA sources; BPA's North Bonneville and Midway substations. At 8:17 pm on August 13, 2016, BPA opened the 230kV Midway line feeding the Outlook substation for a scheduled outage. A failed light on the breaker indicated that the second feed to the Outlook substation from the Northern Bonneville 230 kV line was energized, when actually the breaker was open and the line was not energized. Subsequently, when the BPA de-energized feed from the Midway substation to the Outlook substation, the substation and its feeds were all de energized.

The loss in transmission affected power feeds from the Outlook substation to three other substations, feeding 15 distribution lines, and serving 17,196 customers. Grid operations quickly notified BPA of the outage and at 8:28 pm supply was restored to 11,085 customers. Field personnel were advised of the outages and dispatched to the Toppenish substation to manually close breakers, as no remote operation is possible. At 8:49 the remaining 6,111 customers were restored.

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.
17,238	17,231	25	0

Restoration Resources

No additional restoration resources were used during this event.

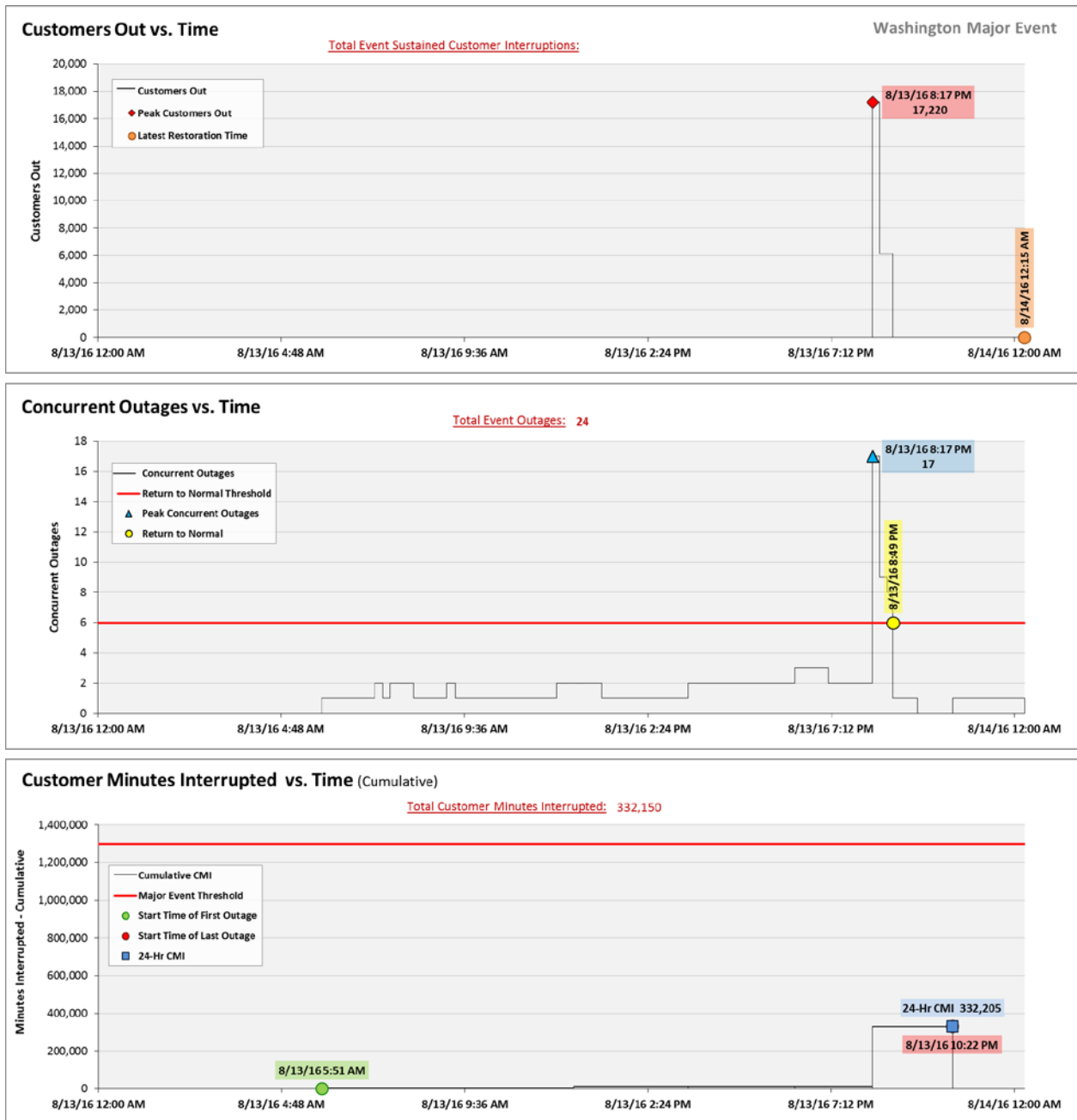
State Estimated Major Event Costs

No additional costs were accrued during this event.

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 (17,238 customers interrupted out of a combined total of 104,922 Sunnyside and Yakima operating area customers, or 16% of the combination of the two 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 9/23/2016

Fiscal Year FY2017

Event Begin Date/Time 08/13/2016 12:00:00 AM **Event Begin Time**
Event End Date/Time 08/14/2016 12:00:00 AM **Event End Time**

Month Begin 8/1/2016
Month End 8/31/2016

Year Begin 1/1/2016
Year End 8/31/2016

State Washington

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

PacifiCorp Major Event Report

Customer Analysis

Washington	Customer Analysis 8/13/2016 through 8/14/2016				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	17,238	1%	332,150	24	1,868,631	-	17,213	25	-	-	-	-	100%	0.18	0.009	19
PP	17,238	2%	332,150	24	771,210	-	17,213	25	-	-	-	-	100%	0.43	0.022	19
WA	17,238	13%	332,150	24	133,235	-	17,213	25	-	-	-	-	100%	2.49	0.129	19
WA	10,327	42%	213,000	11	24,317	-	10,325	2	-	-	-	-	100%	8.76	0.425	21
WA	6,911	9%	119,150	13	80,605	-	6,888	23	-	-	-	-	100%	1.48	0.086	17

*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 8/13/2016 through 8/14/2016				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
8/13/2016	17,238	13%	332,150	24	133,235	-	17,213	25	-	-	-	-	100%	2.49	0.129	19

Data as of 9/23/2016

PacifiCorp Major Event Report

SSC by State Analysis

	Washington	Event						Month						YTD											
		08/13/16 through 08/14/16			08/01/16 through 08/31/16			08/01/16 through 08/31/16			FY2017			01/01/16 through 08/31/16			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	0.40	0.012	34	0.23	0.003	80	12.28	0.121	101	9.83	0.091	108	139.66	1.024	136	83.31	0.742	112						
PP	Pacific Power	0.55	0.023	24	0.12	0.001	139	14.17	0.140	101	10.39	0.088	118	127.91	0.985	130	79.41	0.731	109						
WA	Washington	2.49	0.129	19	0.00	0.000	55	21.18	0.218	97	5.60	0.041	138	77.32	0.785	98	51.61	0.402	128						
WA	SUNNYSIDE	1.60	0.078	21	-	-	-	15.64	0.130	120	0.95	0.004	243	30.77	0.323	95	11.60	0.086	135						
WA	WALLA WALLA	0.00	0.000	55	0.00	0.000	55	2.18	0.017	125	2.18	0.017	125	15.71	0.145	109	10.44	0.082	127						
WA	YAKIMA	0.89	0.052	17	-	-	-	3.36	0.071	47	2.46	0.019	128	30.84	0.317	97	29.57	0.234	126						

*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
9/23/2016