

January 12, 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—November 18, 2016

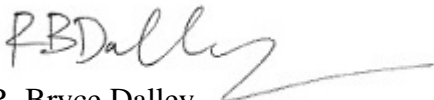
Pacific Power & Light Company (Pacific Power or Company), a division of PacifiCorp, is claiming major event exclusion for the outages that affected its Yakima service area on November 18, 2016.

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:	November 18, 2016
Date Submitted:	January 12, 2017
Primary Affected Locations:	Yakima
Primary Cause:	Loss in Transmission
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 November 18, 2016, Yakima, Washington, experienced a system average interruption frequency index (SAIFI)-based major event when the relay system tripped the 115 kV line feed from Pomona Substation to the Tieton Substation. The outage affected 15,762¹ customers; approximately 20% of the Yakima operating area's customers.

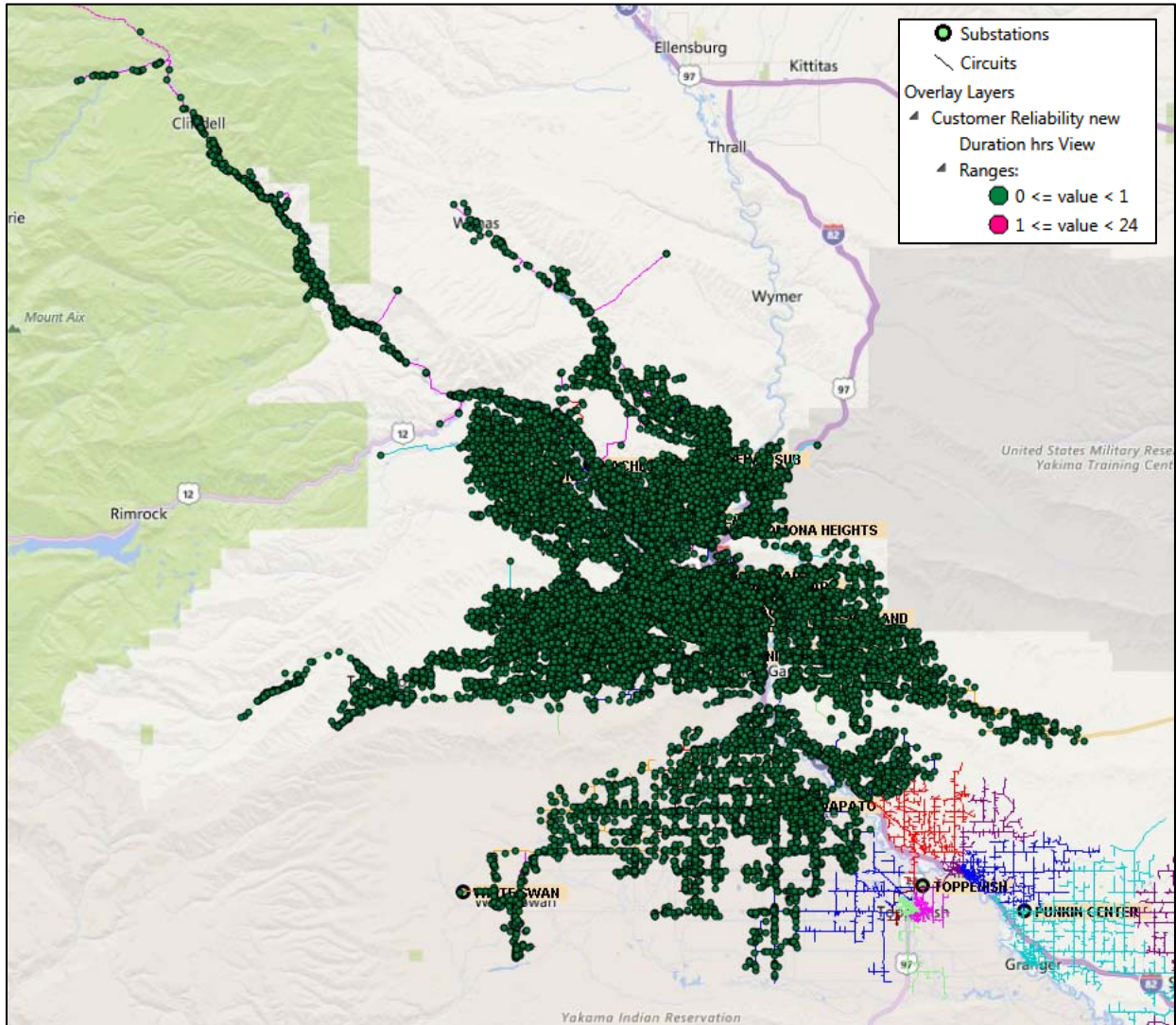
Event Outage Summary	
# Interruptions (sustained)	20
Total Customer Interrupted (sustained)	15,764
Total Customer Minutes Lost	133,831
State Event SAIDI	1.00 Minutes
CAIDI	8
Major Event Start	11/18/16 12:00 AM
Major Event End	11/19/16 12:00 AM

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. Yakima operating area's Calendar 2016 Frozen Customer Count is 80,605 customers.

Restoration Summary

At 9:04 a.m. on the morning of November 18, 2016, Yakima, Washington, experienced a loss of supply event when a contractor was testing relays to a circuit breaker at the Pomona Substation and inadvertently sent out a trip signal. The system detected a fault and operated the 115 kV line feeding five substations (Wenas, Selah, Naches HE, and Tieton), 18 circuits and 15,762 customers. At 9:09 a.m. an announcement was made to the Yakima Area crews to ensure all employees were clear of facilities and at 9:12 a.m. the circuit breaker was closed via SCADA restoring power to all the customers.

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.
15,764	15,763	1	0

Restoration Resources

No additional restoration resources were used during this event.

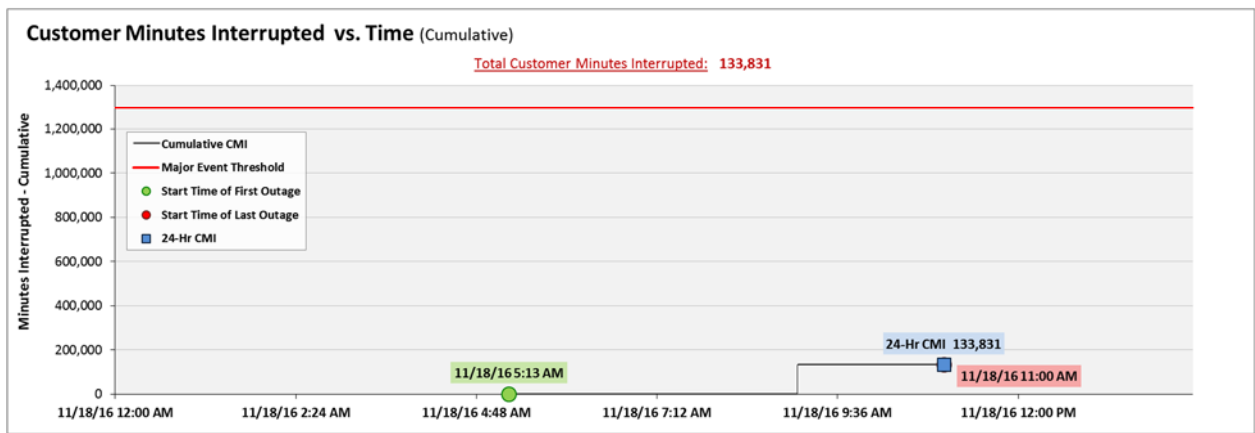
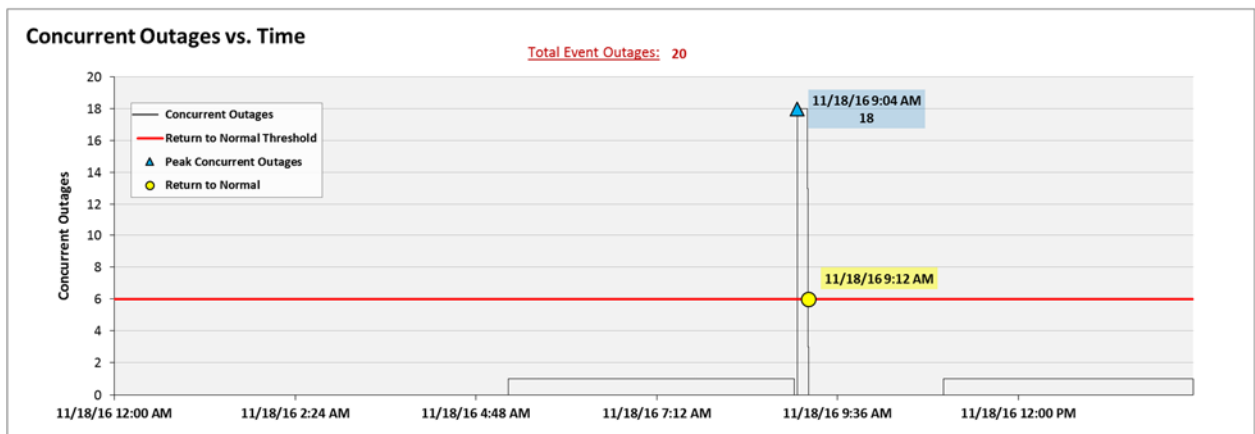
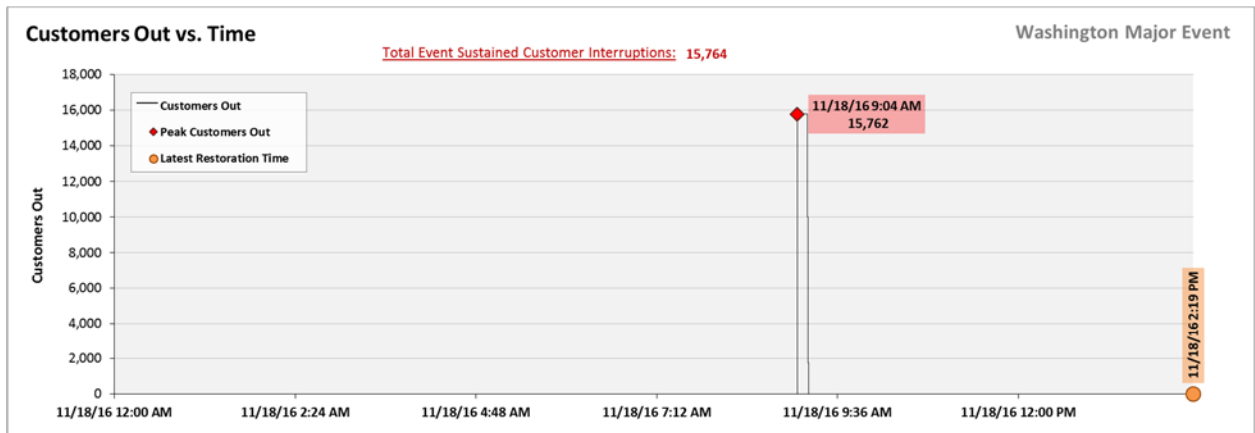
State Estimated Major Event Costs

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 (15,764 customers interrupted out of 80,605 Yakima operating area customers, or 20% 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

Yakima, Washington	Customer Analysis 11/18/2016 through 11/19/2016				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	15,764	1%	133,831	20	1,868,631	-	15,763	1	-	-	-	-	100%	0.07	0.008	8
PP Pacific Power	15,764	2%	133,831	20	771,210	-	15,763	1	-	-	-	-	100%	0.17	0.020	8
WA Washington	15,764	12%	133,831	20	133,235	-	15,763	1	-	-	-	-	100%	1.00	0.118	8
WA YAKIMA	15,764	20%	133,831	20	80,605	-	15,763	1	-	-	-	-	100%	1.66	0.196	8

*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 11/18/2016 through 11/19/2016				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
11/18/2016	15,764	12%	133,831	20	133,235	-	15,763	1	-	-	-	-	100%	1.00	0.118	8

Data as of
12/14/2016

PacifiCorp Major Event Report

SSC by State Analysis

	Yakima, Washington	Event						Month						YTD					
		11/18/16 through 11/19/16			11/01/16 through 11/30/16			FY2017			01/01/16 through 11/30/16			Major Events Excluded*			Major Events Excluded*		
		SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI
	PacifiCorp																		
	Major Events Report																		
	SSC by State																		
PC	PACIFICORP	0.21	0.010	21	0.14	0.002	74	5.75	0.065	88	5.68	0.057	100	189.50	1.381	137	109.98	1.002	110
PP	Pacific Power	0.48	0.025	20	0.31	0.004	76	7.16	0.095	75	6.98	0.075	93	167.81	1.357	124	101.97	0.968	105
WA	Washington	1.05	0.119	9	0.04	0.000	205	5.25	0.153	34	4.24	0.035	121	109.21	1.149	95	78.42	0.588	133
WA	SUNNYSIDE	0.04	0.000	205	0.042	0.000	205	2.91	0.027	107	2.91	0.027	107	38.69	0.414	93	15.45	0.117	132
WA	WALLA WALLA	-	-	-	-	-	-	0.24	0.001	184	0.24	0.001	184	18.84	0.163	115	13.58	0.101	135
WA	YAKIMA	1.00	0.118	8	-	-	-	2.09	0.125	17	1.08	0.007	165	51.66	0.571	90	49.38	0.370	134

*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
12/14/2016