



STATE OF WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION

1300 S. Evergreen Park Dr. S.W., P.O. Box 47250 • Olympia, Washington 98504-7250

(360) 664-1160 • TTY (360) 586-8203

October 26, 2017

Steve King
Executive Director and Secretary
Utilities and Transportation Commission
PO Box 47250
Olympia, WA 98504-7250

Re: PacifiCorp Electric Service Reliability Report, Docket UE-170342

Dear Mr. King:

On May 1, 2017, PacifiCorp submitted its annual Electric Service Reliability Report in accordance with WAC 480-100-393, 480-100-398, and the Service Quality Reporting Plan submitted in Docket UE-110634. The report covered the twelve-month period, ending December 31, 2016.

SAIDI and SAIFI Results

PacifiCorp reported meeting the established System Average Interruption Frequency Index (SAIDI) and System Average Interruption Duration Index (SAIFI) baselines.¹ PacifiCorp reports 45 percent of SAIDI minutes and 35 percent of SAIFI events were caused by equipment failure. Equipment failure comprises the largest share of reportable events for both SAIDI and SAIFI. The reported SAIDI and SAIFI results for 2016 look good when compared to historical SAIDI and SAIFI results.

SAIDI Measure	Minutes
Baseline	150
Total Performance	116
SAIDI-based Major Events Excluded	13
SAIFI-based Major Events Excluded	18
Reported Major Events Excluded	85

SAIFI Measure	Events
Baseline	0.975
Total Performance	1.204
SAIDI-based Major Events Excluded	0.048
SAIFI-based Major Events Excluded	0.511
Reported Major Events Excluded	0.643

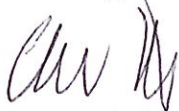
¹ Baseline set pursuant to the Eight Supplemental Order in Docket UE-981627 and WAC 480-100-393

Operating Area Report									
Measure	Sunnyside			Walla Walla			Yakima		
	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI
Including Major Events	225	2.310	97	99	0.835	119	93	1.022	91
Excluding SAIDI-based Major Events	127	1.625	78	-	-	-	-	-	-
Excluding SAIFI-based Major Events	-	-	-	23	0.278	84	4	0.330	11
Reported Major Events Excluded	98	0.686	143	76	0.557	136	89	0.689	129

Reliability Improvements

PacificCorp's reporting plan, most recently updated in Docket UE-110634 requires the company to annually identify five areas of concern. The plan states that these areas will usually be underperforming circuits. The company is required to improve performance by 20 percent within five years.² The company reports improving reliability for the five identified areas reported in 2013, 2014, and 2015 by at least 20 percent.

Sincerely,



Andrew Roberts
Regulatory Analyst, Consumer Protection

² Updated reporting plan in docket UE-110634, page 9