



e-FILING REPORT COVER SHEET

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REPORT NAME: Major Event Report

COMPANY NAME: Pacific Power

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? [X]No []Yes

If yes, please submit only the cover letter electronically. Submit confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

If known, please select designation: [X]RE (Electric) []RG (Gas) []RW (Water) []RO (Other)

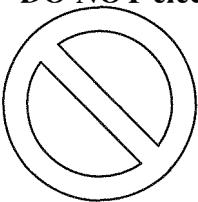
Report is required by: []OAR OAR 860-023-0161
[]Statute
[]Order
[]Other

Is this report associated with a specific docket/case? []No [X]Yes

If yes, enter docket number: RE 107

List applicable Key Words for this report to facilitate electronic search:
Major Event Report

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• Any daily safety or safety incident reports or
• Accident reports required by ORS 654.715

Please file the above reports according to their individual instructions.



825 NE Multnomah, Suite 2000
Portland, Oregon 97232

June 15, 2015

VIA ELECTRONIC FILING

Public Utility Commission of Oregon
3930 Fairview Industrial Drive SE
Salem, OR 97302

Attn: Filing Center

RE: PacifiCorp Major Event Report

PacifiCorp d/b/a Pacific Power (Company) submits the enclosed report describing a major event that occurred December 11-12, 2014, in the Company's *Coast Plus and Northwest Oregon* reliability reporting regions. During review of the Company's 2014 Annual Reliability Report, the Company was notified that this major event report was not on file with the Commission. The Company is filing this report to ensure the Commission's records are complete.

The Company requests to exclude the outage information for this event from both its network performance reporting and customer guarantee failure payments.

If you require further information regarding this report, please contact Heide Caswell, Director, Asset Performance, at (503) 813-6216.

Sincerely,

R. Bryce Dalley
Vice President, Regulation

Enclosure

cc: Lori Koho/Administrator, Safety, Reliability, and Security Division

Report to the Oregon Public Utility Commission Electric Service Reliability - Major Event Report

Event Date:	December 11-12, 2014
Date Submitted:	June 15, 2015
Reliability Reporting Region(s):	<i>Coast Plus and Northeast Oregon</i>
Exclude from Reporting Status:	Yes
Report Prepared by:	Heide Caswell
Report Approved by:	Larry Young/Dave O’Neill/Debbie Guerra

Event Description

On December 11, 2014, a windstorm, which was labeled as the worst to hit Oregon, Washington, and northern California in ten years, affected electric reliability across Oregon state.¹ This storm was characterized as a “pineapple express” which brings warm, wet, and wind together dramatically. Most outages were caused by the wind blowing trees and limbs into power lines. The Portland airport recorded 67 mph (the highest recorded at the airport in 33 years), while the Coast Range in Oregon saw 89 mph and also caused gusts recorded at 95 mph in the Blue Mountains. The storm’s effects were felt widely across Pacific Power, however generally more notably within the Willamette Valley and eastward; the broader impact of the storm involved northern California as well as northern Washington and resulted in requests for mutual assistance. All available crews worked round the clock to restore power to customers as rapidly as possible. At the peak of the event, on December 11, 2014, at just after 2:00 p.m., the company calculates that 35,370 customers were without service. For the interruptions experienced in Coastplus and Northeast Oregon reliability reporting regions please see the attached charts and tables.

	<i>Coastplus</i>	<i>Northeast OR</i>
Sustained Interruptions	104	49
Customers Sustained	12,857	5,210
Customer Minutes Lost	5,438,524	2,504,197
CAIDI²	423	481

¹ Triggered by the reliability reporting regions were CoastPlus (which includes Astoria, Portland, Hood River, Lincoln City & Coos Bay) and Northeast Oregon (which includes Enterprise, Hermiston, Pendleton, a portion of Walla Walla & Milton-Freewater), by exceeded on the 300 minute event CAIDI metric; all other Oregon reliability reporting regions (Central Oregon, Southern Oregon and Willamette Valley) also reached major event threshold levels, however their event CAIDI metric did not reach the 300 minute (6 hour) reporting threshold in 860-023-0161 which requires a major event filing. Metrics are listed below, and details will be provided in the company’s 2014 Annual Reliability Report.

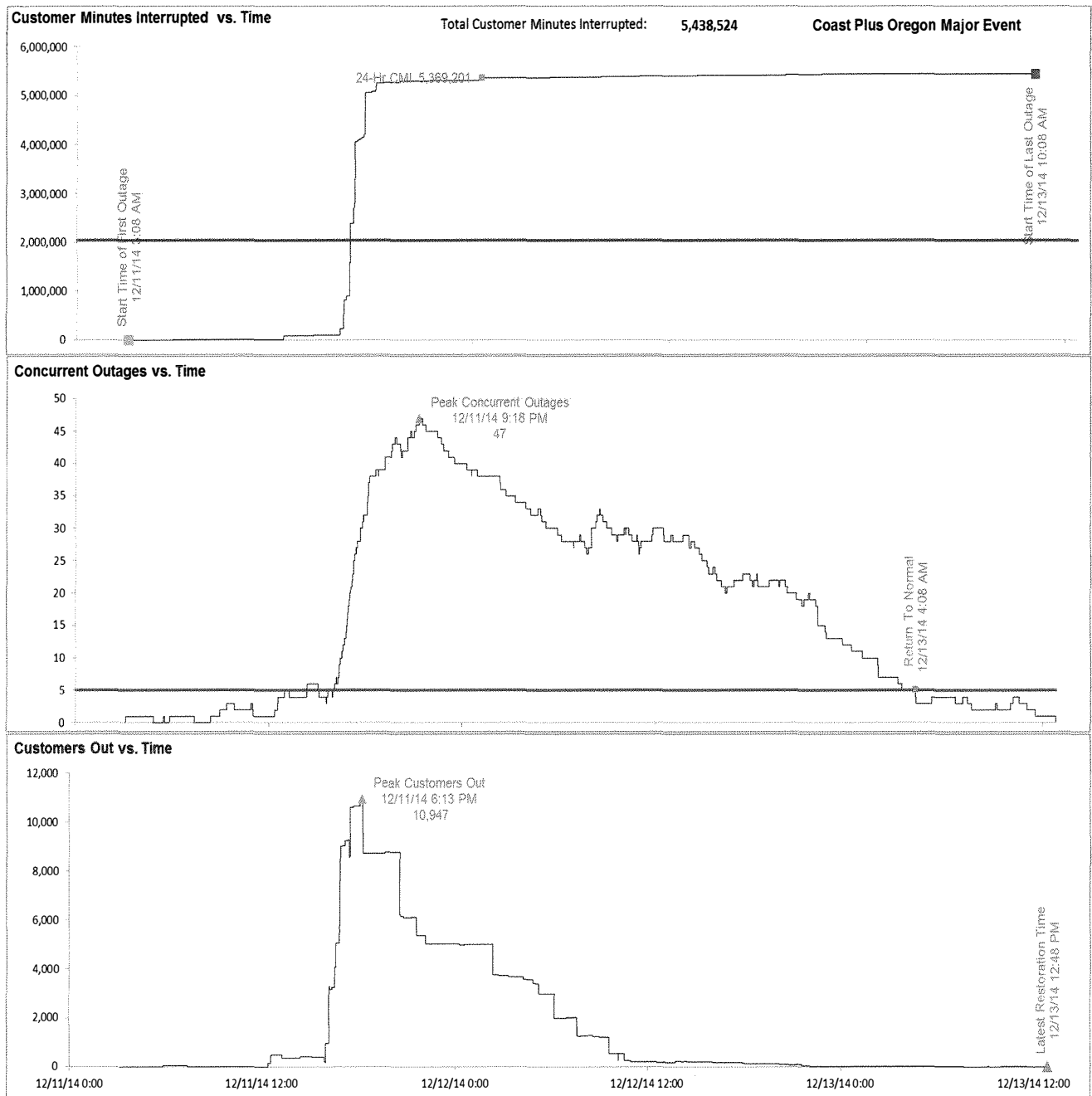
	SAIDI threshold (min.)	SAIDI (min.)	SAIFI (events)	CAIDI (min.)
Central Oregon	4.44	29.2	0.13	225
South Oregon	11.6	18.2	0.14	127
Willamette Valley	14.7	23.0	0.27	87

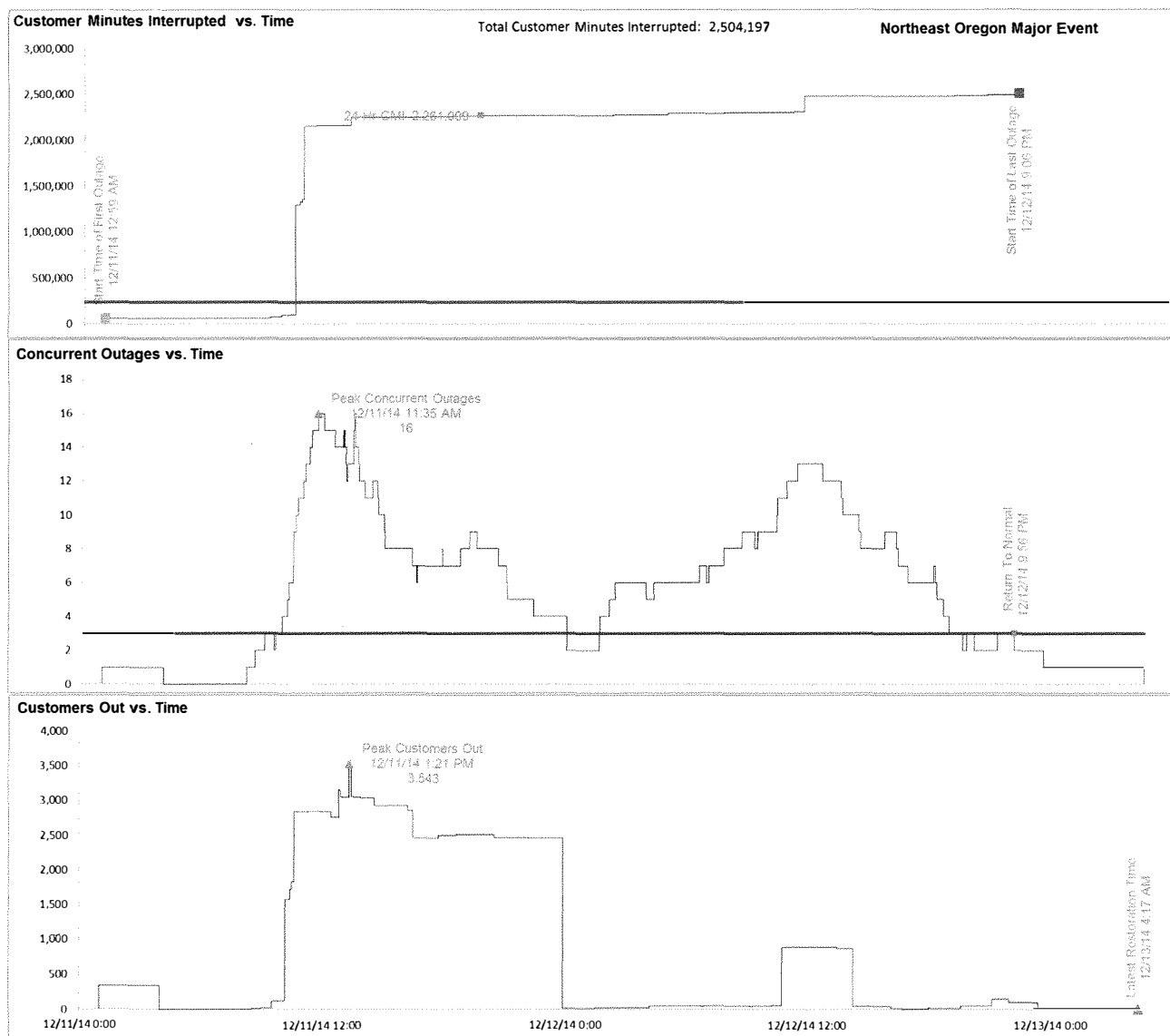
² Customer Average Interruption Duration Index = customer minutes lost divided by customers sustained
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Restoration

Three hundred and one employees worked to restore service across the state. Due to the duration and spread of the event resources were moved from one impacted area to another, as the storm moved in waves through the system. Substantial was required but passage through corridors was not deterred. Restoration crews repaired facilities which had experienced substantial damage, including approximately 15,000 line feet which required replacement. In addition, ten distribution poles, twenty-five crossarms and about 150 insulators were replaced. Damages were tallied at just under a million dollars.

Overall, 27 percent of customers were restored within 3 hours. All power to customers was restored by shortly before 1 p.m. on December 13, 2014.





Restoration Intervals

Reliability Region	Total Customers Sustained	< 3 Hrs	> 3 < 24 Hrs	> 24 < 48 Hrs	> 48 < 72 Hrs	> 72 < 96 Hrs	>= 96 Hrs
<i>Coastplus</i>	12,587	3,534	9,266	57	0	0	0
<i>Northeast Oregon</i>	5,210	1,131	4,079	0	0	0	0

SAIDI, SAIFI, CAIDI by Reliability Reporting Region

Please see the attached system-generated reports.

Major Event Declaration

PacifiCorp designates these events and the consequences thereof a major event in accordance with OAR 860-023-0161. This is a major event because it exceeded the design or operating limits of the system, and the CML Threshold for the reliability reporting region as calculated annually by the company according to IEEE 1366-2003 methodology (commonly referred to as the 2.5 beta method). Current year thresholds for the reliability reporting regions are shown below.

State/Region	2014 Cust	SAIDI Threshold	CML Threshold
Central OR	78,794	4.44	349,946
CoastPlus	151,443	9.57	1,449,117
Northeast OR	25,752	9.20	236,978
South OR	226,303	11.64	2,635,154
WlmVly	122,115	14.71	1,796,334

PacifiCorp Major Event Report
 SSC by Op Area Analysis

	Oregon 12/11/2014 to 12/13/2014	Event 12/11/14 through 12/13/14						Month 12/01/14 through 12/31/14						YTD FY2015 01/01/14 through 12/31/14					
		Major Events Included			Major Events 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
	PacifiCorp Major Events Report SSC by Op Area																		
PC	PacifiCorp	1.33	0.00	481	0.00	0.00	0.00	23.10	0.14	161.00	13.71	0.09	149.00	231.33	1.51	153.00	160.69	1.26	127.00
PP	Pacific Power	3.17	0.01	481	0.00	0.00	0.00	38.07	0.24	161.00	16.25	0.12	138.00	252.17	1.52	166.00	138.77	1.15	121.00
OR	Oregon	4.14	0.01	481	0.00	0.00	0.00	41.39	0.27	153.00	12.99	0.12	112.00	259.45	1.62	160.00	132.44	1.19	111.00
NO	North OR	97.24	0.20	481	0.00	0.00	0	109.20	0.31	353	11.95	0.11	112	147.39	1.41	104	110.86	1.21	92
OR	ENTERPRISE	61.36	0.29	212	0.00	0.00	0.00	90.78	0.68	133.68	29.42	0.39	75.38	296.56	3.35	88.60	235.20	3.06	76.90
OR	HERMISTON	0.02	0.00	91	0.00	0.00	0.00	0.38	0.00	165.76	0.36	0.00	173.19	85.96	0.61	140.61	85.94	0.61	140.62
OR	MILTON/FREEWATER	816.15	1.03	794	0.00	0.00	0.00	817.32	1.04	784.69	1.17	0.01	84.64	920.89	2.83	324.98	104.74	1.81	58.00
OR	PENDLETON	10.77	0.09	125	0.00	0.00	0.00	20.98	0.13	159.40	10.22	0.05	225.92	84.93	0.70	121.76	74.16	0.61	121.36
OR	WALLA WALLA	880.91	1.08	816	0.00	0.00	0.00	889.95	1.11	800.66	9.04	0.03	288.55	950.15	2.47	384.09	69.24	1.39	49.68

Data as of
6/12/2015

PacifiCorp Major Event Report
 SSC by Op Area Analysis

	Oregon 12/11/2014 to 12/13/2014	Event						Month						YTD					
		12/11/14			through 12/13/14			12/01/14			through 12/31/14			FY2015		01/01/14		through 12/31/14	
		Major Events Included			Major Events 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	
PacifiCorp Major Events Report SSC by Op Area																			
PC PacifiCorp	2.90	0.01	423	0.00	0.00	0.00	23.10	0.14	161.00	13.71	0.09	149.00	231.33	1.51	153.00	160.69	1.26	127.00	
PP Pacific Power	6.89	0.02	423	0.00	0.00	0.00	38.07	0.24	161.00	16.25	0.12	138.00	252.17	1.52	166.00	138.77	1.15	121.00	
OR Oregon	9.00	0.02	423	0.00	0.00	0.00	41.39	0.27	153.00	12.99	0.12	112.00	259.45	1.62	160.00	132.44	1.19	111.00	
OR CoastPlus	35.91	0.08	423	0.00	0.00	0	52.13	0.32	164	16.22	0.23	70	226.92	1.62	140	125.52	1.14	110	
OR CLATSOP (ASTORIA)	0.04	0.00	55	0.00	0.00	0.00	16.28	0.23	70.65	16.25	0.23	70.70	229.05	1.90	120.79	162.89	1.21	134.55	
OR COOS BAY/COQUILLE	3.04	0.02	156	0.00	0.00	0.00	31.55	0.23	138.12	28.51	0.21	136.47	262.70	1.44	181.99	93.53	0.64	146.05	
OR HOOD RIVER	0.77	0.00	604	0.00	0.00	0.00	17.09	0.05	315.50	16.32	0.05	308.55	231.87	1.03	225.96	162.06	0.62	260.21	
OR LINCOLN CITY	1.39	0.01	147	0.00	0.00	0.00	80.44	0.30	266.01	79.05	0.29	269.86	449.35	3.26	137.98	367.02	2.70	135.69	
OR PORTLAND	68.10	0.16	438	0.00	0.00	0.00	70.32	0.41	171.53	2.22	0.25	8.73	178.88	1.41	126.75	83.41	1.11	75.14	

Data as/of
6/12/2015