



e-FILING REPORT COVER SHEET

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REPORT NAME: Major Event Report

COMPANY NAME: Pacific Power

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? 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: RE (Electric) RG (Gas) RW (Water) RO (Other)

Report is required by: OAR OAR 860-023-0161

Statute

Order

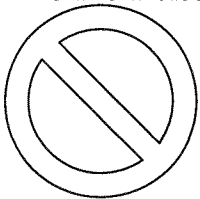
Other

Is this report associated with a specific docket/case? No 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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- Annual Fee Statement form and payment remittance or
- OUS or RSPF Surcharge form or surcharge remittance or
- Any other Telecommunications Reporting or
- 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

March 10, 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

In compliance with OAR 860-023-0161, PacifiCorp d/b/a Pacific Power (Company) submits the enclosed report describing a major event that occurred February 5-10, 2015, in the Company's *South, Northeast, Willamette Valley, and Central Oregon* reliability reporting regions.

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:	February 5-10, 2015
Date Submitted:	March 2, 2015
Reliability Reporting Region(s):	<i>South, Northeast, Willamette Valley, and Central Oregon</i>
Exclude from Reporting Status:	Yes
Report Prepared by:	April Brewer
Report Approved by:	Heide Caswell/Larry Young/ Dave O'Neill/Debbie Guerra

Event Description

Substantial storm damage was experienced (at various times across the service area) due to a “Pineapple Express” storm, which resulted in damaged line equipment, notably damaged cross arms, poles, conductor and service transformers.¹ High winds created wind-borne vegetation and blew trees into power lines. Accessing remote corridors was difficult due to saturated ground conditions and vegetation debris. The storm’s affects were felt widely across Pacific Power. At its peak 11,931 customers were out of power in Southern Oregon. Northeast Oregon also sustained a recordable major event during this period, where at its peak on February 6 at 4:55am 2,802 customers were out of power. Central Oregon and Willamette Valley service areas were also impacted by this storm, but not did meet a reportable CAIDI of greater than 300. Resources from across Pacific Power were deployed to affected areas, working round the clock to restore power to customers as rapidly as possible. Please see the attached charts and tables for the interruptions experienced in each of the affected Oregon reliability reporting regions.

	<i>Southern OR</i>	<i>Northeast OR</i>
Sustained Interruptions	304	85
Customers Sustained	31,585	3,954
Customer Minutes Lost	10,567,678	1,340,443
CAIDI²	335	339

¹ Central Oregon and Willamette Valley also reached major event threshold levels, however their event CAIDI metric did not reach the 300 minute (5 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 2015 Annual Reliability Report.

	SAIDI threshold (min.)	SAIDI (min.)	SAIFI (events)	CAIDI (min.)
Central Oregon	4.34	6.48	0.05	124
Willamette Valley	17.35	64.01	9.75	294

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

Restoration

The Pacific Northwest experienced a series of wet, windy, and very warm storms on February 5-8, 2015. On February 4, emergency management, working with National Weather Service, provided weather briefings to personnel working in the field, incident management resources and company leadership regarding a series of storms expected to affect the Pacific Northwest. By Thursday, February 5, the storm began impacting the Northern California and southern Oregon area. As the storms moved north and east, additional impacts were felt across the region as heavy rain and high winds pounded the Pacific Northwest.

During the event Pacific Power made a public notice to the communities it serves about the expected impacts to service reliability. The company notified stakeholders and regulators routinely throughout the event as to restoration progress.

Two hundred and eighty-three employees worked to restore service across Oregon and California during the major event. 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. Restoration crews repaired facilities which had experienced substantial damage, including approximately 48,500 line feet which required replacement. In addition approximately 9 transmission poles, 149 distribution poles, 622 crossarms and about 1,090 insulators were replaced.

In Southern Oregon, 52% of customers who experienced an outage were restored within 3 hours and power to all customers was restored around 8:24pm on February 9, 2015. In Northeastern Oregon, 27% of customers who experienced an outage were restored within 3 hours and power to all customers was restored around 8:34pm on February 7, 2015.

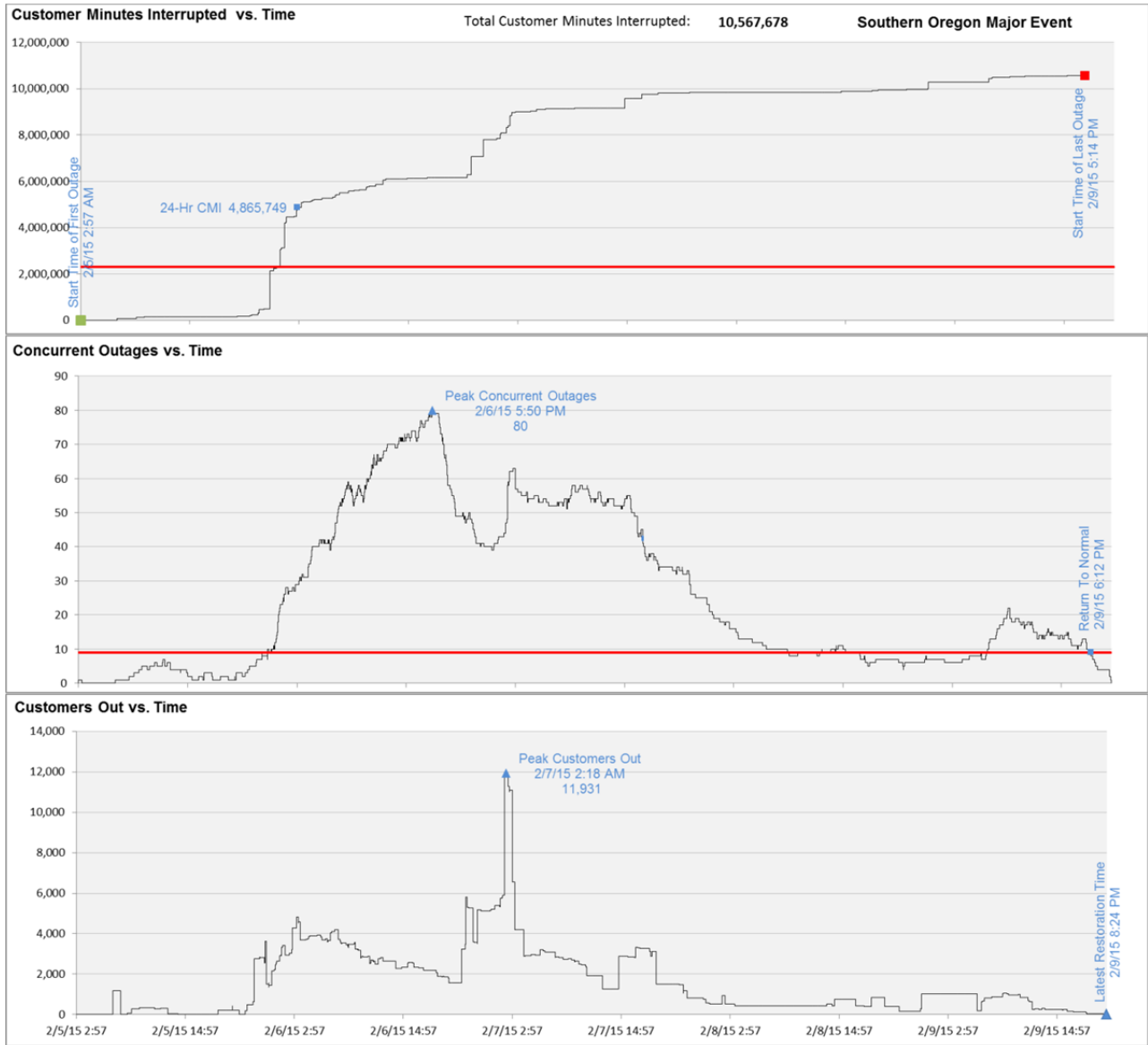
Examples of hazards and conditions which impeded restoration efforts:

- High winds toppled numerous trees affecting our facilities/equipment across the region.
- Heavy rain saturated grounds, making access and use of heavy equipment difficult.
- A landslide near Ashland, OR along Highway 66 impeded efforts to access damaged facilities at Hyatt Lake, east of Ashland, OR.

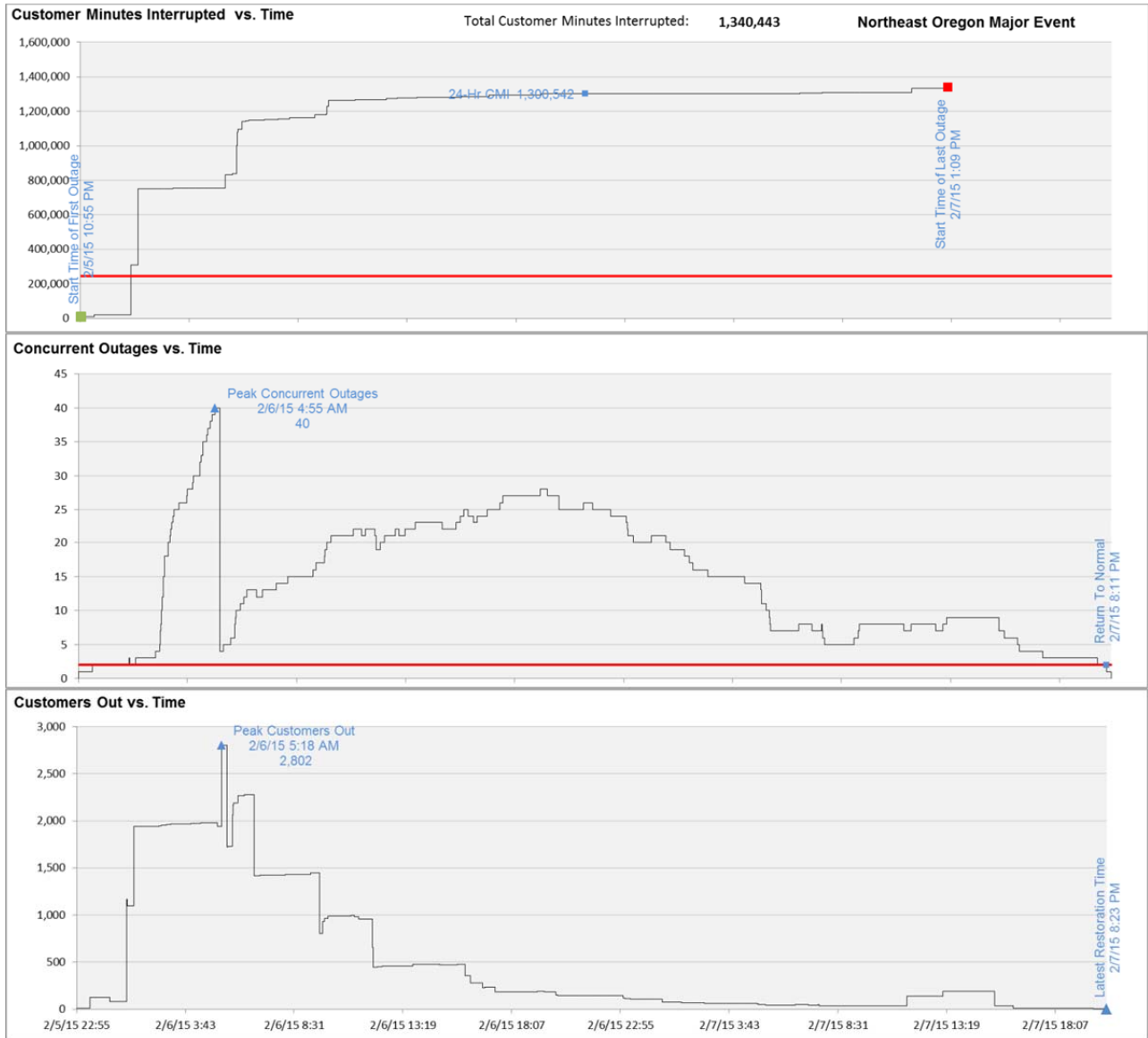
Examples of key activities:

- Pacific Power crews from across the region responded to the event, including resources from Portland, Yakima, Pendleton, Albany and Walla Walla.
- Tree crews were deployed to assist in impacted area.
- Contract crews were deployed to Southern Oregon and Northern California, areas most impacted by the event.
- Mutual assistance was invoked with Eugene Water and Electric Board (EWEB), who were deployed to Grants Pass, OR and Crescent City, CA.
- Incident Command processes were utilized in each of the impacted areas, and planning meetings were facilitated through the Portland office.

Southern Oregon Event Detail



Northeast Oregon Event Detail



Restoration Intervals

Reliability Region	Total Customers Sustained	< 3 Hrs	> 3 < 24 Hrs	> 24 < 48 Hrs	> 48 < 72 Hrs	> 72 < 96 Hrs	>= 96 Hrs
<i>Southern Oregon</i>	31,585	16,471	14,111	588	285	130	0
<i>Northeast Oregon</i>	29,554	1,087	28,441	26	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	2015 Customer Count	SAIDI Threshold	CML Threshold
<i>Central OR</i>	80,337	4.34	348,828
<i>CoastPlus</i>	151,161	9.60	1,450,988
<i>Northeast OR</i>	25,505	9.35	238,466
<i>South OR</i>	227,513	10.13	2,304,227
<i>WlmVly</i>	122,934	17.35	2,132,577

PacifiCorp Major Event Report

Customer Analysis

Oregon 02/05/2015 to 02/07/2015		02/05/15 through 02/07/15 Customer Analysis					Customers Restored by Intervals								Major Event Only		
PacifiCorp Major Events Report Customer Analysis		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 Customer s Restored in 3 Hours	SAIDI	SAIFI	CAIDI
PC	PacifiCorp	3,954	0%	1,340,443	85	1,887,237	1,414	1,087	2,841	26	0	0	0	27%	0.71	0.00	339
PP	Pacific Power	3,954	0%	1,340,443	85	793,118	1,414	1,087	2,841	26	0	0	0	27%	1.69	0.00	339
OR	Oregon	3,954	1%	1,340,443	85	607,450	1,414	1,087	2,841	26	0	0	0	27%	2.21	0.01	339
NO	North OR	3,954	16%	1,340,443	85	24,849	1,414	1,087	28,441	26	0	0	0	27%	53.94	0.00	339
OR	ENTERPRISE	3,779	70%	1,308,196	81	5,412	2	1,014	2,739	26	0	0	0	27%	241.72	0.70	346
OR	HERMISTON	149	3%	30,101	2	4,859	1,412	47	102	0	0	0	0	32%	6.19	0.03	202
OR	MILTON/FREEWATER	0	0%	0	0	102	0	0	0	0	0	0	0	0%	0.00	0.00	0
OR	PENDLETON	26	0%	2,145	2	13,299	0	26	0	0	0	0	0	100%	0.16	0.00	83
OR	WALLA WALLA	0	0%	0	0	1,177	0	0	0	0	0	0	0	0%	0.00	0.00	0

Date	Customer Interrupted by Date 02/05/2015 through 02/07/2015					Customers Restored by Intervals								Sustained Customer s Restored in 3 Hours
	Sustained Customer s 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		
2015-02-05	123	0%	19,135	2	24,849	0	110	13	0	0	0	0	89%	
2015-02-06	3,614	1%	1,248,527	60	24,849	2	928	2,660	26	0	0	0	26%	
2015-02-07	165	0%	39,900	9	24,849	1,412	47	118	0	0	0	0	28%	

Data as/of
3/5/2015

PacifiCorp Major Event Report
SSC by Op Area Analysis

Oregon 02/05/2015 to 02/07/2015		Event 02/05/15 through 02/07/15						Month 02/01/15 through 02/28/15						YTD FY2016 01/01/15 through 02/28/15					
PacifiCorp Major Events Report SSC by Op Area		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
PC	PacifiCorp	0.71	0.00	339	0.00	0.00	0	0.81	0.00	323	0.10	0.00	243	0.81	0.00	323	0.10	0.00	243
PP	Pacific Power	1.69	0.00	339	0.00	0.00	0	1.93	0.01	323	0.24	0.00	243	1.93	0.01	323	0.24	0.00	243
OR	Oregon	2.21	0.01	339	0.00	0.00	0	2.53	0.01	323	0.32	0.00	243	2.53	0.01	323	0.32	0.00	243
OR	Northeast OR	248.08	0.73	339	0.00	0.00	0	310.77	2.11	232	62.69	1.38	243	438.31	3.82	323	190.23	3.09	243
OR	ENTERPRISE	241.72	0.70	346				244.39	0.75	327	2.67	0.05	54	256.45	0.86	299	14.73	0.16	93
OR	HERMISTON	6.19	0.03	202				7.35	0.04	191	1.16	0.01	148	7.71	0.04	189	1.51	0.01	150
OR	MILTON/FREEWATER	0.00	0.00	0				0.75	0.01	76	0.75	0.01	76	102.24	1.44	71	102.24	1.44	71
OR	PENDLETON	0.16	0.00	83				13.21	0.04	339	13.05	0.04	353	13.65	0.04	326	13.48	0.04	338
OR	WALLA WALLA	0.00	0.00	0				45.06	1.27	35	45.06	1.27	35	58.26	1.44	40	58.26	1.44	40

Data as/of
3/5/2015

PacifiCorp Major Event Report

Customer Analysis

Oregon 02/05/2015 to 02/09/2015		02/05/15 through 02/09/15					Customers Restored by Intervals								Major Event Only		
PacifiCorp Major Events Report Customer Analysis		Sustained Customer s 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 Customer s Restored in 3 Hours	SAIDI	SAIFI	CAIDI
PC	Pacificorp	31,585	2%	10,567,678	304	1,887,237	16,078	16,471	14,111	588	285	130	0	52%	5.60	0.02	335
PP	Pacific Power	31,585	4%	10,567,678	304	793,118	16,078	16,471	14,111	588	285	130	0	52%	13.32	0.04	335
OR	Oregon	31,585	5%	10,567,678	304	607,450	16,078	16,471	14,111	588	285	130	0	52%	17.40	0.05	335
SO	South OR	31,585	14%	10,567,678	304	225,179	16,078	16,471	14,111	588	285	130	0	52%	46.93	0.00	335
OR	GRANTS PASS	2,587	5%	1,170,323	64	52,490	5,263	645	1,930	12	0	0	0	25%	22.30	0.05	452
OR	KLAMATH FALLS	5,597	14%	3,092,863	99	39,334	2,018	1,630	3,449	490	28	0	0	29%	78.63	0.14	553
OR	MEDFORD	6,200	7%	3,041,008	89	90,122	7,185	3,848	1,879	86	257	130	0	62%	33.74	0.07	490
OR	ROSEBURG/MYRTLECREEK	17,201	40%	3,263,483	52	43,233	1,612	10,348	6,853	0	0	0	0	60%	75.49	0.40	190

Customer Interrupted by Date		02/05/15 through 02/09/15					Customers Restored by Intervals							
Date	Sustained Customer s 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 Customer s Restored in 3 Hours	
2015-02-05	1,518	0%	135,615	8	172,689	0	1,175	343	0	0	0	0	77%	
2015-02-06	5,751	0%	3,747,190	105	225,179	5,841	1,960	3,197	183	281	130	0	34%	
2015-02-07	7,475	0%	1,362,106	49	225,179	5,263	6,190	1,273	12	0	0	0	83%	
2015-02-08	421	0%	9,427	2	82,567	0	421	0	0	0	0	0	100%	
2015-02-09	1,858	0%	566,817	38	225,179	0	287	1,571	0	0	0	0	15%	

Data as/of
3/4/2015

PacifiCorp Major Event Report
 SSC by Op Area Analysis

Oregon 02/05/2015 to 02/09/2015		Event 02/05/15 through 02/09/15						Month 02/01/15 through 02/28/15						YTD FY2016 01/01/15 through 02/28/15					
PacifiCorp Major Events Report SSC by Op Area		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
PC	PacifiCorp	5.60	0.02	335	0.00	0.00	0.00	6.41	0.02	319.09	0.81	0.00	241.48	6.41	0.02	319.09	0.81	0.00	241.48
PP	Pacific Power	13.32	0.04	335	0.00	0.00	0.00	15.24	0.05	319.09	1.92	0.01	241.48	15.24	0.05	319.09	1.92	0.01	241.48
OR	Oregon	17.40	0.05	335	0.00	0.00	0.00	19.90	0.06	319.09	2.51	0.01	241.48	19.90	0.06	319.09	2.51	0.01	241.48
OR	South OR	210.16	0.66	335				239.57	0.78	319.09	29.42	0.12	241.48	239.57	0.78	319.09	29.42	0.12	241.48
OR	GRANTS PASS	22.30	0.05	452	0.00	0.00	0.00	39.82	0.10	386.88	17.52	0.05	326.68	39.82	0.10	386.88	17.52	0.05	326.68
OR	KLAMATH FALLS	78.63	0.14	553	0.00	0.00	0.00	81.29	0.15	535.05	2.66	0.01	276.06	81.29	0.15	535.05	2.66	0.01	276.06
OR	LAKEVIEW	0.00	0.00	0	0.00	0.00	0.00	0.57	0.00	485.48	0.57	0.00	485.48	0.57	0.00	485.48	0.57	0.00	485.48
OR	MEDFORD	33.74	0.07	490	0.00	0.00	0.00	36.34	0.09	424.50	2.60	0.02	154.64	36.34	0.09	424.50	2.60	0.02	154.64
OR	ROSEBURG/MYRTLECREEK	75.49	0.40	190	0.00	0.00	0.00	81.55	0.43	187.61	6.06	0.04	164.77	81.55	0.43	187.61	6.06	0.04	164.77

Data as/of
3/4/2015