



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 860-023-0160

Statute

Order

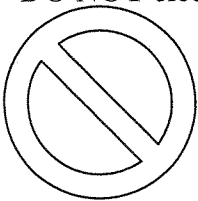
Other

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

**DO NOT electronically file with the PUC Filing Center:**



- 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.**

September 27, 2013

***VIA ELECTRONIC FILING***

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

Attn: Filing Center

RE: PacifiCorp Major Event Report


Pursuant OAR 860-023-0160, PacifiCorp d/b/a Pacific Power (Company) submits the enclosed report describing a major event that occurred on August 25, 2013, in the Company's *Central Oregon* reliability reporting region, which consists of Bend/Redmond and Madras operating areas.

The basis for exclusion is the reliability reporting region's threshold for customer minutes lost as calculated annually according to IEEE P1366 methodology. Attached you will find details including event description, number of customers off supply, customer minutes lost, and SAIDI, SAIFI, CAIDI figures.

PacifiCorp requests to exclude outage information for these events from its network performance reporting and from customer guarantee failure payments.

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

Sincerely,



William R. Griffith  
Vice President, Regulation

Enclosure

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

<b>Report to the Oregon Utility Commission</b> <b>Electric Service Reliability - Major Event Report</b>
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Event Date: August 25, 2013  
Date Submitted: September 26, 2013  
Reliability Reporting Region(s): *Central Oregon* region  
Exclude from Reporting Status: Yes  
Report Prepared by: Diane DeNuccio  
Report Approved by: Heide Caswell

**Event Description**

On August 25, 2013, a brief but violent storm brought heavy rain, wind and lightning through Pacific Power’s Central Oregon reliability region, causing numerous outages but most significantly a loss of transmission to two substations serving the company’s customers in Bend/Redmond and Madras operating areas.

	<i>Central OR</i>
<b>Sustained Interruptions</b>	33
<b>Customers Sustained</b>	4,666
<b>Customer Minutes Lost</b>	1,418,614
<b>CAIDI<sup>1</sup></b>	304

**Restoration**

Restoration personnel worked round the clock. Patrolmen worked to get the transmission line restored while crews worked to restore other outages due to wire down, blown fuses and transformers.

**Restoration Intervals**

Reliability Region	Total Customers Sustained	< 3 Hrs	> 3 < 24 Hrs	> 24 < 48 Hrs	> 48 < 72 Hrs	> 72 < 96 Hrs	>= 96 Hrs
<i>Central OR</i>	<b>4,666</b>	4	4,621	0	1	0	0

<sup>1</sup> Customer Average Interruption Duration Index = customer minutes lost divided by customers sustained

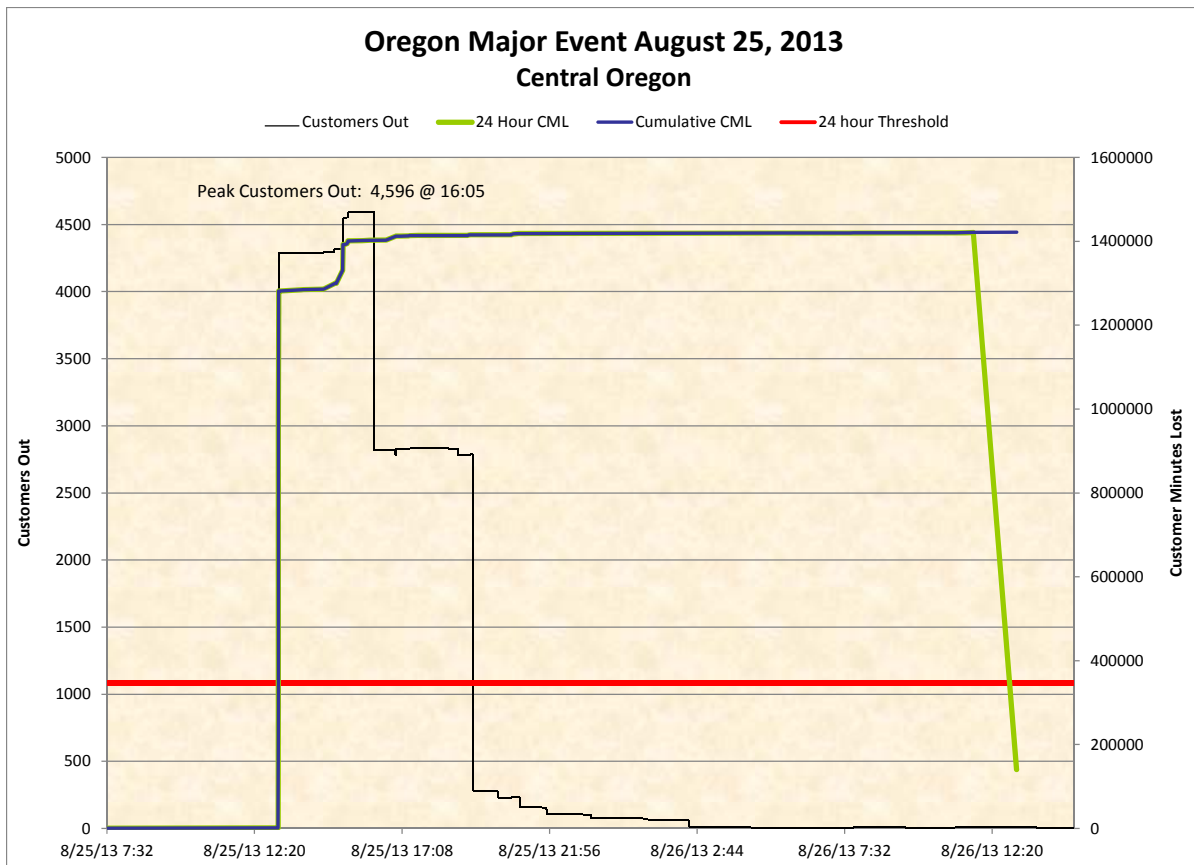
## SAIDI, SAIFI, CAIDI by Reliability Reporting Region and System-wide

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 P1366 methodology (commonly referred to as the 2.5 beta method). Current year thresholds for the reliability reporting regions are shown below.

2013 Major Event Thresholds			
Reliability Region	Tmed SAIDI	Tmed CML	Operating Areas within Region
<i>Central OR</i>	4.48	347,505	Bend/Redmond, Madras
<i>CoastPlus</i>	9.82	1,475,758	Clatsop/Astoria, Coos Bay/Coquille, Hood River, Lincoln City, Portland
<i>Northeast OR</i>	9.68	249,447	Enterprise, Hermiston, Milton-Freewater, Pendleton, Walla Walla
<i>Southern OR</i>	11.26	2,533,923	Grants Pass, Klamath Falls, Lakeview, Medford, Roseburg/Myrtle Creek
<i>WImVly</i>	13.09	1,585,648	Albany, Corvallis, Cottage Grove/J. City, Dallas/Independence, Lebanon, Stayton



## PacifiCorp Major Event Report

### Customer Analysis

Oregon 08/25/2013 to 08/25/2013	08/25/13 through 08/25/13					Customers Restored by Intervals								Major Event Only		
	Customer Analysis					Customers Restored by Intervals								SAIDI	SAIFI	CAIDI
<b>PacifiCorp Major Events Report Customer Analysis</b>	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			
<b>PacifiCorp</b>	4,666	0%	1,418,614	33	1,863,510	16,969	44	4,621	0	1	0	0	1%	0.76	0.00	304
<b>Pacific Power</b>	4,666	1%	1,418,614	33	783,825	16,969	44	4,621	0	1	0	0	1%	1.81	0.01	304
<b>Oregon</b>	4,666	1%	1,418,614	33	599,772	16,969	44	4,621	0	1	0	0	1%	2.37	0.01	304
<b>Central OR</b>	4,666	6%	1,418,614	33	77,522	16,969	44	4,621	0	1	0	0	1%	18.30	0.06	304
BEND/REDMOND	2,793	5%	1,072,961	23	60,345	13,574	2	2,790	0	1	0	0	0%	17.780	0.046	384
MADRAS	1,873	11%	345,653	10	17,177	3,395	42	1,831	0	0	0	0	2%	20.123	0.109	185

Date	Customer Interrupted by Date					Customers Restored by Intervals								Sustained Customer s Restored in 3 Hours
	08/25/2013	through	08/25/2013			<= 5 min	> 5 min < 3 hrs	>= 3 hrs <= 24 hrs	> 24 hrs < 48 hrs	>= 48 hrs < 72 hrs	>= 72 hrs < 96 hrs	>= 96 hrs		
2013-08-25	4,666	1%	1,418,614	33	599,772	16,969	44	4,621	0	1	0	0	1%	

**PacifiCorp Major Event Report**  
*SSC by Op Area Analysis*

Oregon 08/25/2013 to 08/25/2013  <i>PacifiCorp Major Events Report SSC by Op Area</i>	Event 08/25/13 through 08/25/13						Month 08/01/13 through 08/31/13						YTD FY2013 01/01/13 through 08/31/13					
	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	4.16	0.02	174	0.65	0.01	123	25.92	0.19	140	20.63	0.16	132	123.56	0.96	129	109.88	0.89	124
Pacific Power	9.23	0.05	182	0.89	0.01	136	25.94	0.20	130	14.98	0.14	109	105.78	0.84	126	81.35	0.72	113
<b>Oregon</b>	3.07	0.01	231	0.70	0.01	127	21.32	0.14	156	15.53	0.10	149	97.04	0.79	123	80.63	0.70	115
<b>Central OR</b>	2.37	0.01	304				8.76	0.04	227	3.43	0.01	275	12.44	0.06	199	7.11	0.04	196
BEND/REDMOND	17.78	0.05	384				70.32	0.32	222	23.15	0.09	262	90.72	0.43	209	43.54	0.21	212
MADRAS	20.12	0.11	185				58.87	0.23	252	38.42	0.12	308	115.65	0.66	177	95.20	0.55	174

**PacifiCorp Major Event Report**  
SSC by State Analysis

Oregon 08/25/2013 to 08/25/2013	Event 08/25/13 through 08/25/13						Month 08/01/13 through 08/31/13						YTD FY2013 01/01/13 through 08/31/13					
	Major Events Included			Major Events Excluded			Major Events Included			Major Events Excluded			Major Events Included			Major Events Excluded		
<b>PacifiCorp Major Events Report SSC by State</b>	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI
PacifiCorp	4.16	0.02	174	0.65	0.01	123	25.92	0.19	140	20.63	0.16	132.31	123.56	0.96	129	109.88	0.89	124
Pacific Power	9.23	0.05	182	0.89	0.01	136	25.94	0.20	130	14.98	0.14	109.33	105.78	0.84	126	81.35	0.72	113
<b>Oregon</b>	3.07	0.01	231	0.70	0.01	127	21.32	0.14	156	15.53	0.10	149	97.04	0.79	123	80.63	0.70	115
<b>Central OR</b>	2.37	0.01	304				8.76	0.04	227	3.43	0.01	275	12.44	0.06	199	7.11	0.04	196
BEND/REDMOND	1.79	0.00	384				7.07	0.03	222	2.33	0.01	262	9.13	0.04	209	4.38	0.02	212
MADRAS	0.58	0.00	185				1.69	0.01	252	1.10	0.00	308	3.31	0.02	177	2.73	0.02	174

# PacifiCorp Major Event Report

## SSC by Region Analysis

Oregon 08/25/2013 to 08/25/2013 <b>PacifiCorp Major Events Report SSC by Region</b>	Event 08/25/13 through 08/25/13						Month 08/01/13 through 08/31/13						YTD FY2013 01/01/13 through 08/31/13					
	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
<b>PacifiCorp</b>	4.16	0.02	174	0.65	0.01	123	25.92	0.19	140	20.63	0.16	132	123.56	0.96	129	109.88	0.89	124
<b>Pacific Power</b>	9.23	0.05	182	0.89	0.01	136	25.94	0.20	130	14.98	0.14	109	105.78	0.84	126	81.35	0.72	113
<b>Oregon</b>	3.07	0.01	231	0.70	0.01	127	21.32	0.14	156	15.53	0.10	149	97.04	0.79	123	80.63	0.70	115
Central OR	2.37	0.01	304				8.76	0.04	227	3.43	0.01	275	12.44	0.06	199	7.11	0.04	196
Central OR	18.30	0.06	304				67.78	0.30	227	26.53	0.10	275	96.24	0.48	199	54.99	0.28	196
BEND/REDMOND	13.84	0.04	384				54.74	0.25	222	18.02	0.07	262	70.62	0.34	209	33.90	0.16	212
MADRAS	4.46	0.02	185				13.04	0.05	252	8.51	0.03	308	25.63	0.15	177	21.09	0.12	174