



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)

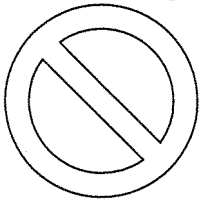
Report is required by: OAR OAR 860-023-0160  
Statute  
Order  
Other

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.**



825 NE Multnomah, Suite 2000  
Portland, Oregon 97232

October 7, 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 September 5, 2013, in the Company's *Northeast Oregon* and *Williamette Valley* reliability reporting regions.

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/AS*

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:	September 5, 2013
Date Submitted:	October 7, 2013
Reliability Reporting Region(s):	<i>Northeast OR and Willamette Valley regions</i>
Exclude from Reporting Status:	Yes
Report Prepared by:	Diane DeNuccio
Report Approved by:	Heide Caswell

### Event Description

On September 5, 2013, a severe thunderstorm with substantial lightning rolled through Oregon causing damage to electrical facilities and loss of supply to customers in two Pacific Power reliability regions. In the Company’s Northeast Oregon region, the most significant interruption was loss of supply to about 300 Walla Walla customers for 37.5 hours due to three spans of downed wire on the Ferndale circuit (5W106) due to lightning. Several other circuits throughout the region also experienced wire down due to lightning but each of the others impacted far fewer customers. In the Willamette Valley region, the most significant interruption was due to Loss of Feed from Supplier (BPA) affecting more than 7,100 Lebanon customers served out of the Sweet Home substation for more than an hour and a half.

	<i>Northeast</i>	<i>WlmVly</i>
<b>Sustained Interruptions</b>	32	120
<b>Customers Sustained</b>	1,318	18,283
<b>Customer Minutes Lost</b>	1,266,287	1,699,886
<b>CAIDI<sup>1</sup></b>	961	93

### Restoration

Restoration crews repaired multiple spans of downed wire and replaced numerous transformer fuses and cutouts.

*Note: The event CAIDI in Willamette Valley region was well below the 300-minute requirement for submitting written filings within 30 days; however, since it occurred on the same day and was due to the same storm as the Northeast region event (which did exceed the 300-minute threshold) the Company has elected to include information for both regions’ events in this filing.*

### Restoration Intervals

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

Reliability Region	Total Customers Sustained	< 3 Hrs	> 3 < 24 Hrs	> 24 < 48 Hrs	> 48 < 72 Hrs	> 72 < 96 Hrs	>= 96 Hrs
<i>Northeast OR</i>	<b>1,318</b>	641	150	527	0	0	0
<i>WlmVly</i>	<b>18,283</b>	17,316	964	3	0	0	0

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

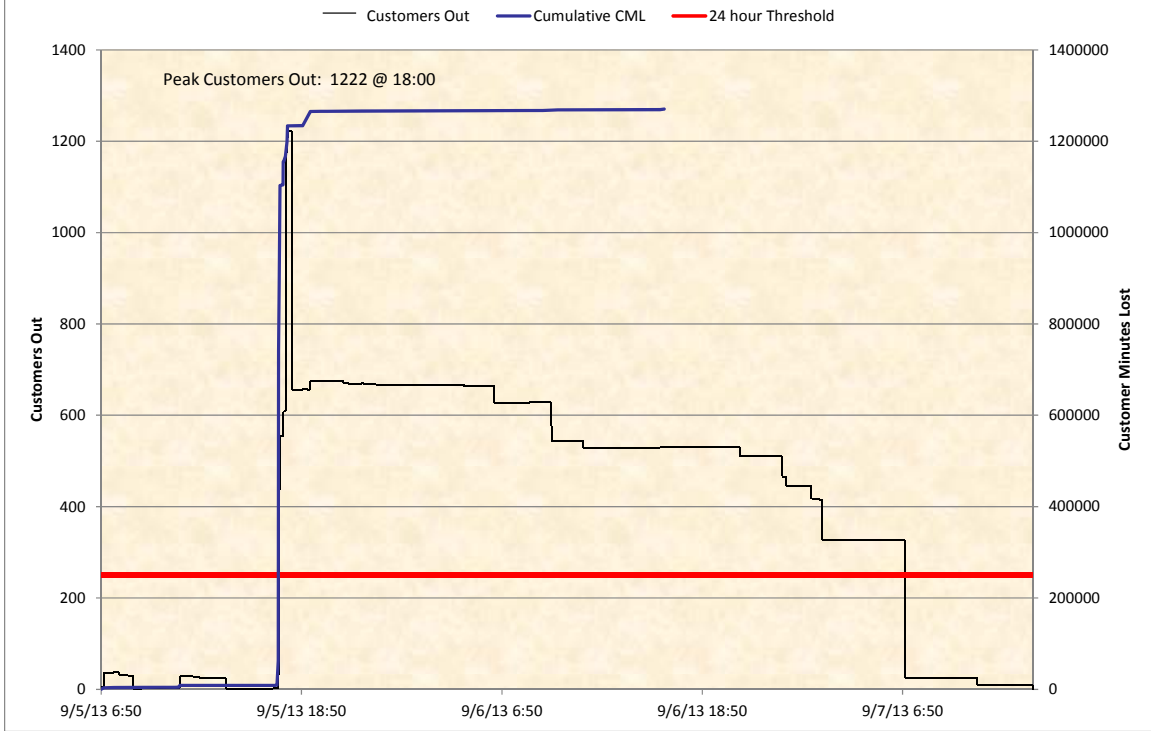
Please see the attached system-generated reports.

### Major Event Declaration

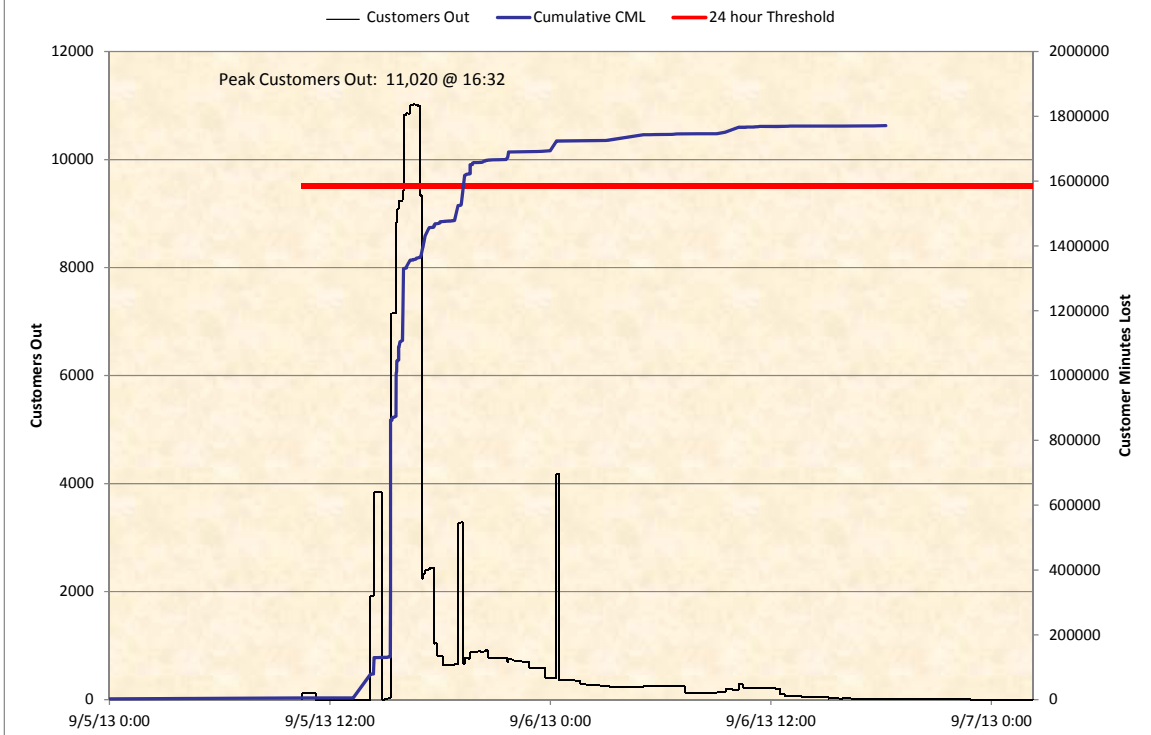
PacifiCorp designates these events and the consequences thereof a major event in accordance with OAR 860-023-0161. This is a major event because it exceeded the design or operating limits of the system, and the CML Threshold for the reliability reporting region as calculated annually by the company according 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>WlmVly</i>	13.09	1,585,648	Albany, Corvallis, Cottage Grove/J. City, Dallas/Independence, Lebanon, Stayton

### Oregon Major Event September 5, 2013 Northeast Reliability Region



### Oregon Major Event September 5, 2013 WImVly reliability region



# PacifiCorp Major Event Report

## Customer Analysis

Oregon 09/05/2013 to 09/05/2013  <b>PacifiCorp Major Events Report Customer Analysis</b>	09/05/13 through 09/05/13													Major Event Only		
	Customer Analysis					Customers Restored by Intervals										
	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
<b>PacifiCorp</b>	1,318	0%	1,266,287	32	1,863,510	1,653	641	150	527	0	0	0	49%	0.68	0.00	961
<b>Pacific Power</b>	1,318	0%	1,266,287	32	783,825	1,653	641	150	527	0	0	0	49%	1.62	0.00	961
<b>Oregon</b>	1,318	0%	1,266,287	32	599,772	1,653	641	150	527	0	0	0	49%	2.11	0.00	961
<b>Northeast OR</b>	1,318	5%	1,266,287	32	25,780	1,653	641	150	527	0	0	0	49%	49.12	0.05	961
ENTERPRISE	29	1%	4,312	5	5,483	0	29	0	0	0	0	0	100%	0.79	0.01	149
HERMISTON	568	12%	13,414	2	4,783	0	566	2	0	0	0	0	100%	2.80	0.12	24
MILTON/FREEWATER	40	4%	77,364	4	1,003	0	1	15	24	0	0	0	3%	77.13	0.04	1,934
PENDLETON	55	0%	6,990	14	13,151	1,653	45	10	0	0	0	0	82%	0.53	0.00	127
WALLA WALLA	626	46%	1,164,208	7	1,360	0	0	123	503	0	0	0	0%	856.03	0.46	1,860

	Customer Interrupted by Date				Customers Restored by Intervals									
	09/05/2013	through	09/05/2013											
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	
9/5/2013	1,318	0%	1,266,287	32	599,772	1,653	641	150	527	0	0	0	49%	

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

Oregon 09/05/2013 to 09/05/2013 <i>PacifiCorp Major Events Report SSC by Op Area</i>	Event 09/05/13 through 09/05/13						Month 09/01/13 through 09/30/13						YTD FY2013 01/01/13 through 09/30/13					
	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	5.05	0.02	239	3.46	0.01	327	24.34	0.15	158	22.75	0.14	159	146.26	1.11	132	130.99	1.03	128
Pacific Power	11.23	0.05	248	7.44	0.02	366	23.57	0.12	189	19.79	0.10	198	129.35	0.97	134	101.13	0.82	124
<b>Oregon</b>	5.17	0.04	147	0.22	0.00	87	13.61	0.09	146	8.67	0.06	143	110.65	0.88	125	89.30	0.76	118
Northeast OR	2.11	0.00	961				4.58	0.01	376	2.46	0.01	247	11.12	0.06	179	4.94	0.03	151
ENTERPRISE	0.79	0.01	149				2.06	0.01	154	1.27	0.01	158	286.91	1.91	151	72.58	0.88	83
HERMISTON	2.80	0.12	24				127.08	0.61	207	124.28	0.49	251	256.95	1.47	175	254.14	1.35	188
MILTON/FREEWATER	77.13	0.04	1,934				154.30	0.75	206	77.17	0.71	109	309.18	1.92	161	126.28	0.88	144
PENDLETON	0.53	0.00	127				59.74	0.21	286	59.21	0.20	289	162.64	1.12	145	88.22	0.52	170
WALLA WALLA	856.03	0.46	1,860				877.29	0.58	1,510	21.25	0.12	176	1,048.09	2.29	457	53.06	0.51	104

# PacifiCorp Major Event Report

## SSC by State Analysis

Oregon 09/05/2013 to 09/05/2013 <b>PacifiCorp Major Events Report SSC by State</b>	Event 09/05/13 through 09/05/13						Month 09/01/13 through 09/30/13						YTD FY2013 01/01/13 through 09/30/13					
	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	5.05	0.02	239	3.46	0.01	327	24.34	0.15	158	22.75	0.14	159	146.26	1.11	132	130.99	1.03	128
Pacific Power	11.23	0.05	248	7.44	0.02	366	23.57	0.12	189	19.79	0.10	198	129.35	0.97	134	101.13	0.82	124
Oregon	5.17	0.04	147	0.22	0.00	87	13.62	0.09	146	8.67	0.06	143	110.66	0.88	125	89.31	0.76	118
Northeast OR	2.11	0.00	961				4.58	0.01	376	2.46	0.01	247	11.12	0.06	179	4.94	0.03	151
ENTERPRISE	0.01	0.00	149				0.02	0.00	154	0.01	0.00	158	2.62	0.02	151	0.66	0.01	83
HERMISTON	0.02	0.00	24				1.01	0.00	207	0.99	0.00	251	2.05	0.01	175	2.03	0.01	188
MILTON/FREEWATER	0.13	0.00	1,934				0.26	0.00	206	0.13	0.00	109	0.52	0.00	161	0.21	0.00	144
PENDLETON	0.01	0.00	127				1.31	0.00	286	1.30	0.00	289	3.57	0.02	145	1.93	0.01	170
WALLA WALLA	1.94	0.00	1,860				1.99	0.00	1,510	0.05	0.00	176	2.38	0.01	457	0.12	0.00	104



## PacifiCorp Major Event Report

### SSC by Region Analysis

Oregon 09/05/2013 to 09/05/2013 <b>PacifiCorp Major Events Report SSC by Region</b>	Event 09/05/13 through 09/05/13						Month 09/01/13 through 09/30/13						YTD FY2013 01/01/13 through 09/30/13					
	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	5.05	0.02	239	3.46	0.01	327	24.34	0.15	158	22.75	0.14	158.98	146.26	1.11	132	130.99	1.03	128
Pacific Power	11.23	0.05	248	7.44	0.02	366	23.57	0.12	189	19.79	0.10	197.91	129.35	0.97	134	101.13	0.82	124
Oregon	5.17	0.04	147	0.22	0.00	87	13.61	0.09	146	8.67	0.06	143	110.65	0.88	125	89.30	0.76	118
Northeast OR	2.11	0.00	961				4.58	0.01	376	2.46	0.01	247	11.12	0.06	179	4.94	0.03	151
Northeast OR	49.12	0.05	961				106.45	0.28	376	57.33	0.23	247	258.65	1.44	179	114.97	0.76	151
ENTERPRISE	0.17	0.00	149				0.43	0.00	157	0.26	0.00	163	61.02	0.41	151	15.43	0.19	83
HERMISTON	0.52	0.02	24				23.25	0.11	204	22.73	0.09	248	47.35	0.27	173	46.83	0.25	186
MILTON/FREEWATER	3.00	0.00	1,934				6.00	0.03	206	3.00	0.03	109	12.03	0.07	161	4.91	0.03	144
PENDLETON	0.27	0.00	127				30.48	0.11	286	30.21	0.10	289	82.97	0.57	145	45.00	0.26	170
WALLA WALLA	45.16	0.02	1,860				46.28	0.03	1,510	1.12	0.01	176	55.29	0.12	457	2.80	0.03	104

**PacifiCorp Major Event Report**  
Customer Analysis

Oregon 09/05/2013 to 09/05/2013  <i>PacifiCorp Major Events Report</i> <b>Customer Analysis</b>	09/05/13 through 09/05/13													Major Event Only			
	Customer Analysis					Customers Restored by Intervals								Sustained Customer s Restored in 3 Hours	SAIDI	SAIFI	CAIDI
	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					
Pacifcorp	16,362	1%	1,649,364	120	1,863,510	11,369	15,395	964	3	0	0	0	94%	0.89	0.01	101	
Pacific Power	16,362	2%	1,649,364	120	783,825	11,369	15,395	964	3	0	0	0	94%	2.10	0.02	101	
Oregon	16,362	3%	1,649,364	120	599,772	11,369	15,395	964	3	0	0	0	94%	2.75	0.03	101	
WlmVly	16,362	14%	1,649,364	120	121,102	11,369	15,395	964	3	0	0	0	94%	13.62	0.14	101	
ALBANY	2,667	8%	584,178	54	32,310	3,387	1,811	853	3	0	0	0	68%	18.08	0.08	219	
CORVALLIS	2,725	9%	60,070	14	29,330	4,922	2,692	33	0	0	0	0	99%	2.05	0.09	22	
COTTAGE GROVE/J.CITY	3	0%	342	2	11,329	0	3	0	0	0	0	0	100%	0.03	0.00	114	
DALLAS/INDEPENDENCE	3	0%	692	3	14,725	0	1	2	0	0	0	0	33%	0.05	0.00	231	
LEBANON	9,077	46%	820,512	27	19,644	2,061	9,048	29	0	0	0	0	100%	41.77	0.46	90	
STAYTON	1,887	14%	183,570	20	13,764	999	1,840	47	0	0	0	0	98%	13.34	0.14	97	

	Customer Interrupted by Date				Customers Restored by Intervals									
	09/05/2013	through	09/05/2013											
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	
9/5/2013	16,362	14%	1,649,364	120	121,102	11,369	15,395	964	3	0	0	0	94%	

# PacifiCorp Major Event Report

## SSC by Op Area Analysis

Oregon 09/05/2013 to 09/05/2013 <b>PacifiCorp Major Events Report SSC by Op Area</b>	Event 09/05/13 through 09/05/13						Month 09/01/13 through 09/30/13						YTD FY2013 01/01/13 through 09/30/13					
	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	5.02	0.02	250	0.90	0.00	189	37.17	0.21	178	32.80	0.19	170	159.09	1.16	137	141.04	1.08	131
Pacific Power	11.16	0.04	260	1.37	0.01	209	41.39	0.20	207	31.01	0.16	191	147.18	1.04	141	112.36	0.88	128
Oregon	5.08	0.03	159	0.22	0.00	87	35.77	0.19	191	30.91	0.16	196	132.81	0.98	136	111.54	0.86	130
WlmVly	2.75	0.03	101				12.11	0.08	150	9.36	0.05	175	31.55	0.28	114	28.80	0.25	115
ALBANY	18.08	0.08	219				56.63	0.45	127	38.55	0.36	106	142.03	0.99	143	123.95	0.91	136
CORVALLIS	2.05	0.09	22				86.87	0.44	197	84.82	0.35	244	154.87	1.36	114	152.82	1.26	121
COTTAGE GROVE/J.CITY	0.03	0.00	114				8.98	0.03	338	8.95	0.03	340	86.04	0.62	139	86.01	0.62	139
DALLAS/INDEPENDENCE	0.05	0.00	231				23.33	0.14	165	23.28	0.14	165	118.00	1.29	91	117.95	1.29	91
LEBANON	41.77	0.46	90				56.43	0.50	112	14.67	0.04	356	217.23	2.36	92	175.46	1.90	92
STAYTON	13.34	0.14	97				96.50	0.65	150	83.16	0.51	164	203.92	1.61	127	190.58	1.47	130

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

Oregon 09/05/2013 to 09/05/2013 <b>PacifiCorp Major Events Report SSC by State</b>	Event 09/05/13 through 09/05/13						Month 09/01/13 through 09/30/13						YTD FY2013 01/01/13 through 09/30/13					
	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	5.02	0.02	250	0.90	0.00	189	37.17	0.21	178	32.80	0.19	170	159.09	1.16	137	141.04	1.08	131
Pacific Power	11.16	0.04	260	1.37	0.01	209	41.39	0.20	207	31.01	0.16	191	147.18	1.04	141	112.36	0.88	128
Oregon	5.08	0.03	159	0.22	0.00	87	35.77	0.19	191	30.91	0.16	196	132.81	0.98	136	111.54	0.86	130
WlmVly	2.75	0.03	101				12.11	0.08	150	9.36	0.05	175	31.55	0.28	114	28.80	0.25	115
ALBANY	0.97	0.00	219				3.04	0.02	127	2.07	0.02	106	7.64	0.05	143	6.67	0.05	136
CORVALLIS	0.10	0.00	22				4.25	0.02	197	4.15	0.02	244	7.57	0.07	114	7.47	0.06	121
COTTAGE GROVE/J.CITY	0.00	0.00	114				0.17	0.00	338	0.17	0.00	340	1.63	0.01	139	1.62	0.01	139
DALLAS/INDEPENDENCE	0.00	0.00	231				0.57	0.00	165	0.57	0.00	165	2.90	0.03	91	2.90	0.03	91
LEBANON	1.37	0.02	90				1.85	0.02	112	0.48	0.00	355	7.11	0.08	92	5.75	0.06	92
STAYTON	0.31	0.00	97				2.21	0.01	149	1.91	0.01	163	4.68	0.04	127	4.37	0.03	130

# PacifiCorp Major Event Report

## SSC by Region Analysis

Oregon 09/05/2013 to 09/05/2013 <b>PacifiCorp Major Events Report by Region</b>	Event 09/05/13 through 09/05/13						Month 09/01/13 through 09/30/13						YTD FY2013 01/01/13 through 09/30/13					
	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>	5.02	0.02	250	0.90	0.00	189	37.17	0.21	178	32.80	0.19	170	159.09	1.16	137	141.04	1.08	131
<b>Pacific Power</b>	11.16	0.04	260	1.37	0.01	209	41.39	0.20	207	31.01	0.16	191	147.18	1.04	141	112.36	0.88	128
Oregon	5.08	0.03	159	0.22	0.00	87	35.77	0.19	191	30.91	0.16	196	132.81	0.98	136	111.54	0.86	130
WlmVly	2.75	0.03	101				12.11	0.08	150	9.36	0.05	175	31.55	0.28	114	28.80	0.25	115
WlmVly	13.62	0.14	101				59.96	0.40	150	46.34	0.27	175	156.23	1.37	114	142.61	1.24	115
ALBANY	4.82	0.02	219				15.11	0.12	127	10.29	0.10	106	37.90	0.26	143	33.07	0.24	136
CORVALLIS	0.50	0.02	22				21.04	0.11	197	20.54	0.08	244	37.51	0.33	114	37.01	0.31	121
COTTAGE GROVE/J.CITY	0.00	0.00	114				0.84	0.00	338	0.84	0.00	340	8.05	0.06	139	8.05	0.06	139
DALLAS/INDEPENDENCE	0.01	0.00	231				2.84	0.02	165	2.83	0.02	165	14.35	0.16	91	14.34	0.16	91
LEBANON	6.78	0.07	90				9.15	0.08	112	2.38	0.01	356	35.24	0.38	92	28.46	0.31	92
STAYTON	1.52	0.02	97				10.98	0.07	150	9.47	0.06	164	23.19	0.18	127	21.68	0.17	130