



e-FILING REPORT COVER SHEET

COMPANY NAME: PacifiCorp d/b/a Pacific Power

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No Yes If yes, submit a redacted public version (or a cover letter) by email. Submit the confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

Select report type: RE (Electric) RG (Gas) RW (Water) RT (Telecommunications)
 RO (Other, for example, industry safety information)

Did you previously file a similar report? No Yes, report docket number: RE 107

Report is required by: OAR 860-023-0161

Statute

Order

Note: A one-time submission required by an order is a compliance filing and not a report (file compliance in the applicable docket)

Other

(For example, federal regulations, or requested by Staff)

Is this report associated with a specific docket/case? No Yes, docket number: RE 107

List Key Words for this report. We use these to improve search results.

Major Event Report

Send the completed Cover Sheet and the Report in an email addressed to PUC.FilingCenter@state.or.us

Send confidential information, voluminous reports, or energy utility Results of Operations Reports to PUC Filing Center, PO Box 1088, Salem, OR 97308-1088 or by delivery service to 201 High Street SE Suite 100, Salem, OR 97301.



825 NE Multnomah, Suite 2000
Portland, Oregon 97232

February 27, 2020

VIA ELECTRONIC FILING

Public Utility Commission of Oregon
201 High Street SE, Suite 100
Salem, OR 97301-3398

Attn: Filing Center

RE: RE 107—PacifiCorp Major Event Report

In compliance with OAR 860-023-0161, PacifiCorp d/b/a Pacific Power (PacifiCorp or the Company) submits the enclosed report describing two major events that occurred January 11–17, 2020, and January 15–20, 2020, in the Company’s southern Oregon reliability reporting region.

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

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

Sincerely,

Etta Lockey
Vice President, Regulation

Enclosure

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

| |
|---|
| <p style="text-align: center;">Report to the Oregon Public Utility Commission Electric Service Reliability - Major Event Report</p> |
|---|

| | |
|--------------------------------|--|
| Event Date: | January 11 and January 15-20, 2020 |
| Date Submitted: | February 27, 2020 |
| Primary Affected Locations: | Oregon |
| Primary Cause: | Pacific Coast storm |
| Exclude from Reporting Status: | Yes |
| Report Prepared by: | April Brewer |
| Report Approved by: | Heide Caswell/Larry Young/Milton Buker |

January 11-20, 2020 Oregon Winter Storm Series

During the second week in January 2020 a series of Pacific Coast storms impacted Oregon customers' reliability, beginning with a lengthy outage affecting a remote section of Oregon. This storm event was later augmented by a multi-day winter storm that impacted a large section of the company's southern Oregon service area.

Lemolo Outage - Event Description and Summary

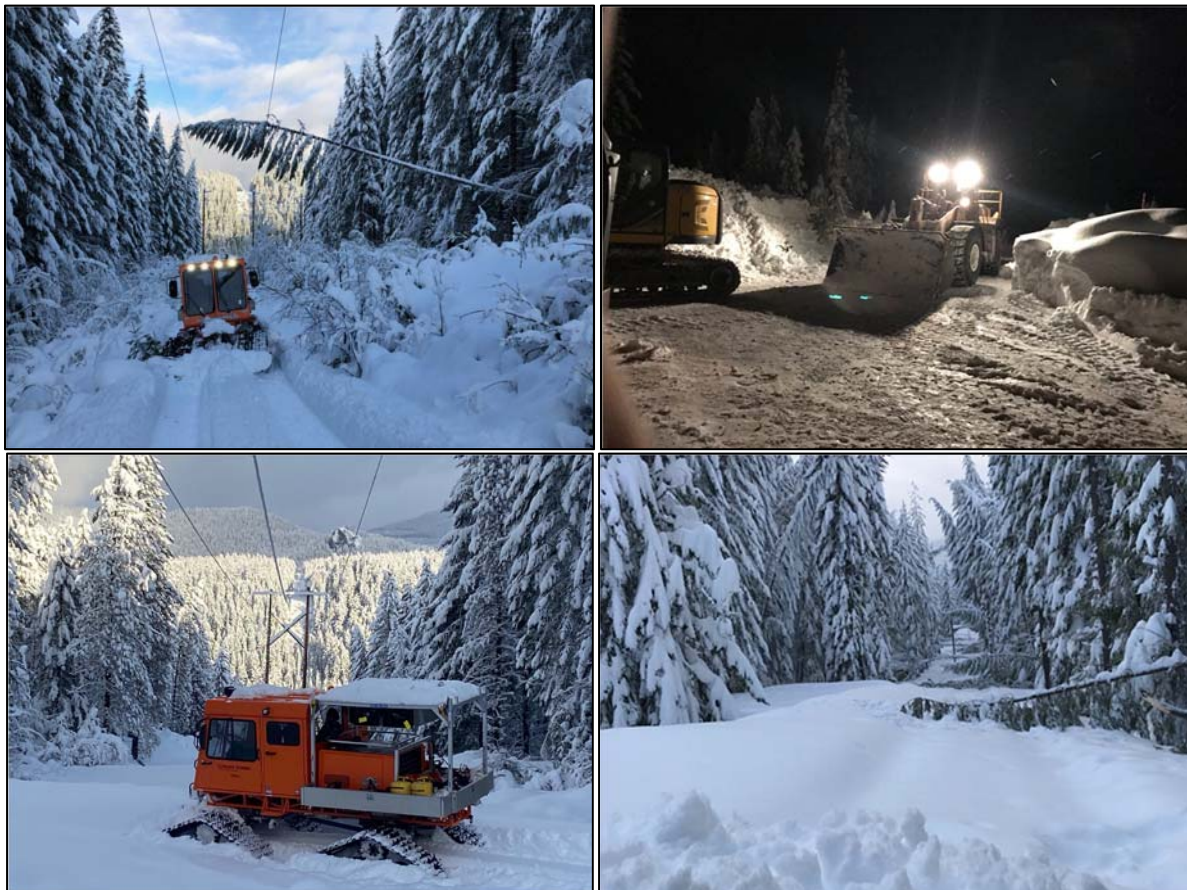
On January 11, 2020, 179 customers served by the Lemolo circuit experienced an outage when high winds and heavy snow downed equipment. The Lemolo circuit is located in the Umpqua National Forest, serving rural customers and recreational facilities around Diamond Lake. The circuit is located 80 miles to the east of Roseburg. On the morning of January 11, the Toketee Control Operator reported the field recloser on the Lemolo line had opened. A linemen from Roseburg was dispatched to patrol the area. Upon arrival, the lineman notified dispatch of the conditions and that 12 spans of line were down due to snow loaded trees falling through the lines. The lineman requested snow cats and additional crews to assist in clearing and accessing damaged equipment. One tree crew and two contract crews were dispatched to the area.

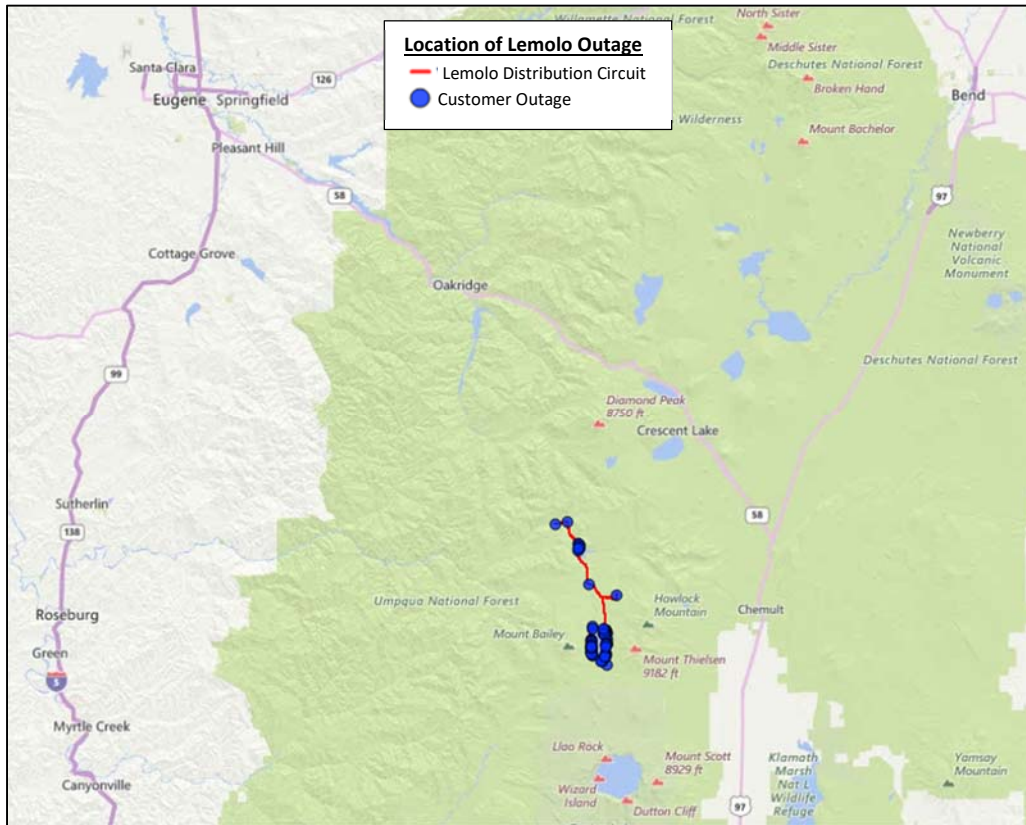
On January 13, as crews worked to clear the area of downed trees and snow, the storm picked up again with heavy snow and high winds. During the storm, snow loaded trees and high winds began to down additional trees, so restoration activities were suspended due to concerns with the crews' safety. This second storm event caused additional damage to the company's facilities and added another 14 inches of snow for crews to work through, slowing restoration activities. Approximately 185 trees were cut or knocked down in the right of way and had to be cleared with use of heavy equipment and additional vegetation personnel. Excavators moved snow and trees in the evenings so crews could access the area.

In total, two internal crews (one from Bend and another from Roseburg), four external line crews, and four tree crews worked to restore service. Over the course of the outage crews experienced heavy snow and high winds; in total five and one-half feet of snow fell during the

of four days and wind gusts were as high as 55 mph. Crews were often pulled from restoration activities for safety as the storm persisted. Of the 179 service meters in the area, only a few customers were at their residences when the outage occurred. Due to the remote location and limited services in the area, residences and businesses are prepared for outage events, and many have their own power generators. Local businesses are also provided with a direct line to the company's regional general manager. In addition to providing several company communication notices to customers on a daily basis, the regional general manager was in regular communication with customers during the outage event. By the evening of January 17, crews had completed the rebuild of the line and were able to restore power. The photos below were taken by crews as they worked to repair damaged equipment.

| Event Outage Summary | |
|--|--------------------|
| # Interruptions (sustained) | 1 |
| Total Customer Interrupted (sustained) | 179 |
| Total Customer Minutes Lost | 1,499,929 |
| State Event SAIDI | 2.43 Minutes |
| CAIDI | 8,379 |
| Major Event Start | 1/11/2020 11:52 PM |
| Major Event End | 1/17/2020 11:55 PM |





Lemolo Restoration Resources and State Estimated Major Event Costs ¹

| Personnel Resources | | | |
|---------------------|----|-----------------------|--------------|
| Estimator | 1 | Relay Tech | 1 |
| Field Journeyman | 18 | Substation Journeyman | 1 |
| Garage Mechanic | 3 | Contract crewman | 5 |
| General Foreman | 1 | Flagger | 2 |
| Warehouseman | 1 | Tree crewman | 13 |
| | | | TOTAL |
| | | | 46 |

| Materials | | | |
|-------------------------------|--------|--------------|-----|
| # Poles (D) | 3 | Insulators | 113 |
| Approx. Conductor Line (feet) | 17,560 | Line splices | 245 |
| # Crossarms | 16 | Guy wire | 250 |

| Estimate \$ | Labor | Contract Resources | Materials | Overheads | Total |
|----------------|-----------------|--------------------|-----------------|-----------------|------------------|
| Capital | \$ 42,317 | \$294,407 | \$10,281 | \$70,428 | \$417,433 |
| Expense | \$33,331 | \$52,052 | \$0 | \$2,713 | \$85,383 |
| Total | \$75,648 | \$346,459 | \$10,281 | \$73,141 | \$502,816 |

¹ Data provided represents specific system records for personnel, resources, and costs; and is specific to the event, not inclusive of state delineation. However, additional resources whose participation did not get individually captured in transaction recording systems were utilized during the event, thus the data presented here effectively understates the resources, including cost, involved in restoring the system to normal.

Winter Storm - Event Description and Summary

On the morning of January 15, 2020, customers in Grants Pass and Roseburg began experiencing outages as a second wave of a winter storm involving high winds and snow began impacting service across the region. By evening the number of weather-related outages due to fallen trees and damaged equipment had grown. Within a span of less than 12 hours (from 7:45 p.m. on January 15 to 7:45 a.m. on January 16) over 21,000 customer interruptions were experienced, and concurrent outages for the state grew from seven outage events to more than 100 outage events. Although crews were able to begin some restoration activities, the number of new outage events outpaced restoration efforts. By the evening of January 17, concurrent outage events had peaked at 198 events.

At 7:00 a.m. on January 16, the Pacific Power Emergency Operations Center was activated, and operations personnel were mobilized, assessing the situation, and dispatching additional crews from across the state. Crew management was critical during this storm event. Not only had crews been dispatched to the Umpqua National Forest to rebuild the Lemolo circuit, but the company's service area in northern California was also experiencing outages related to the storm. As the storm progressed, many crews were forced to wait till daylight before damage assessments could be made. The storm damage was widespread and primarily in rural locations, slowing travel time for employees. Coordination between the Oregon Department of Transportation and local public works agencies was crucial to respond to road conditions and ensure debris was cleared from roadways to allow for safe travel for restoration activities.

In the late afternoon of January 16, a series of outbound calls were placed to customers notifying them of the likelihood of continued overnight outages; accommodations were also made with local community based organizations to establish warming centers. Additional outbound calls were made the following morning to provide customers updated information. The storm began to subside on January 17, making it easier for company crews and local public works agencies to clear roads and downed vegetation. As roadways became accessible, equipment assessment, crew assignments, and repairs were positively affected.

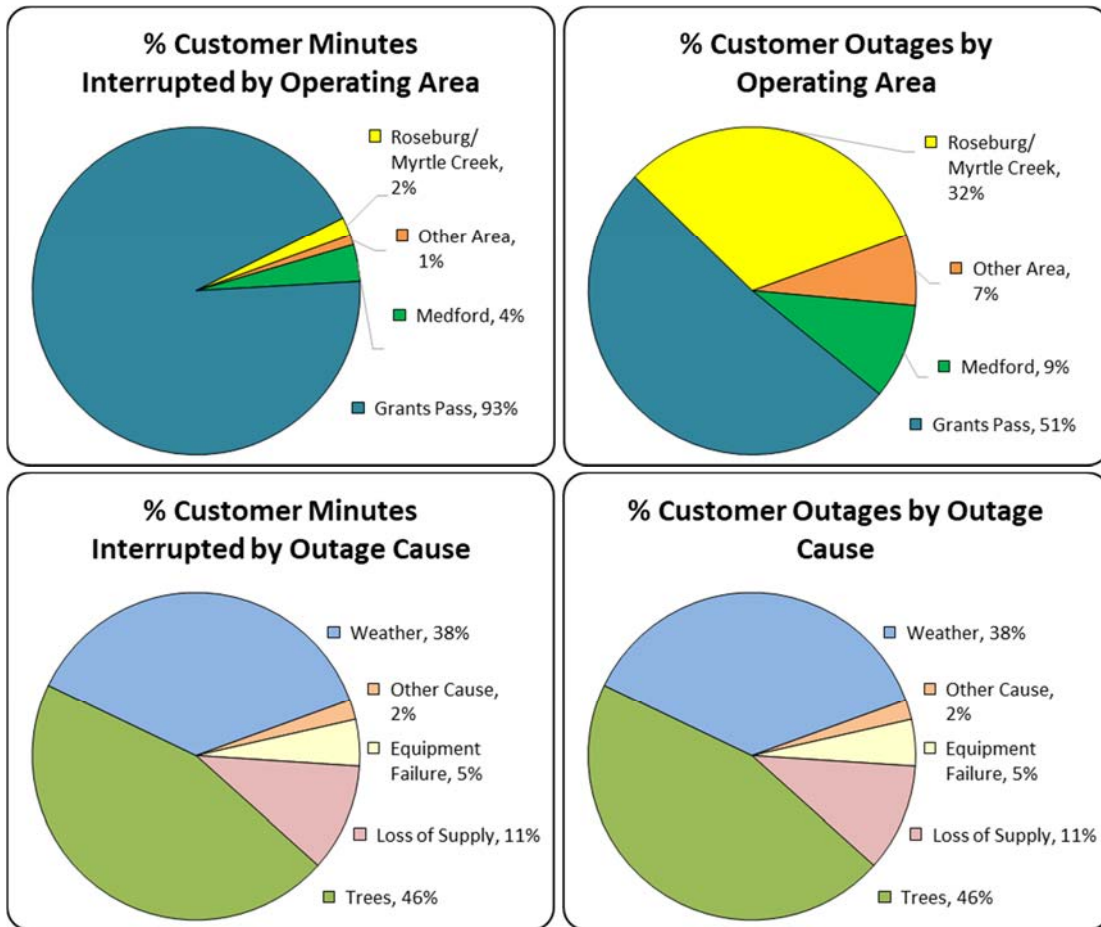
By the evening of January 17, area assessments were completed in Medford and Roseburg and the majority of services were restored. As service was restored in Medford and Roseburg, Pacific Power crews and contractors were redeployed to assist with restoration efforts in rural Josephine County, which experienced the largest number of outages, and other areas impacted by the storm. The company continued to work with local public works agencies to clear roads, while vegetation crews worked to remove debris from power lines. The company continued its outbound calls to customers to keep them informed of restoration progress.

On January 20, the Pacific Power Emergency Operations Center was deactivated. Restoration work during the event was challenging due to the volume and location of the outages. Most of the outages were geographically dispersed throughout remote areas where snow-cats and other special equipment were needed to deal with site conditions and rugged terrain. Over 300 personnel worked to clear downed trees and make repairs following the winter storm.

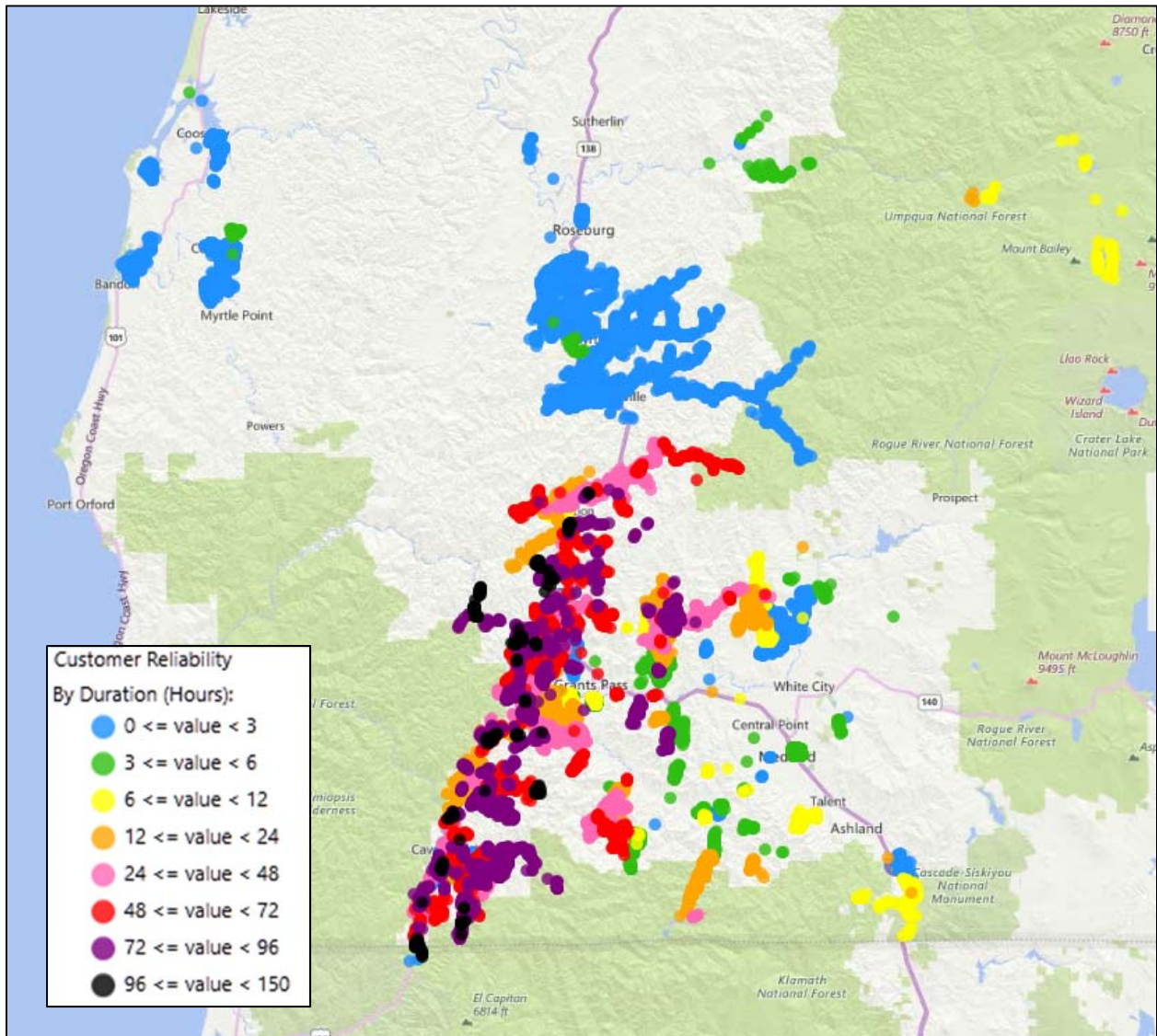
During the event, 453 Pacific Power linemen, tree crewmen, support staff, and contractors assisted in restoring service to customers. In addition to personnel, 64 poles, 200 crossarms,

7,352 line splices, and approximately 77,102 feet of conductor were needed to restore power. There were no complaints received by the company and one commission complaint made regarding the major event.

| Event Outage Summary | |
|--|-----------------|
| # Interruptions (sustained) | 667 |
| Total Customer Interrupted (sustained) | 54,441 |
| Total Customer Minutes Lost | 45,662,455 |
| State Event SAIDI | 74 Minutes |
| CAIDI | 839 |
| Major Event Start | 1/15/20 5:53 AM |
| Major Event End | 1/20/20 8:55 PM |



The graphic below displays the customer outages during the event colored by cumulative outage duration.



Restoration Intervals

| Total Customers Sustained | < 3 Hrs. | 3 - 24 Hrs. | 24-48 Hrs. | 48-72 Hrs. | 72-96 Hrs. | 96+ Hrs. |
|---------------------------|----------|-------------|------------|------------|------------|----------|
| 54,441 | 22,457 | 21,230 | 5,530 | 3,654 | 1,522 | 48 |

Restoration Resources and State Estimated Major Event Costs ²

| Personnel Resources | | | |
|---------------------|-----|-----------------------|------------|
| Line Crewman | 103 | Meterman | 4 |
| Estimator | 12 | Substation Relay Tech | 2 |
| Service Coordinator | 9 | Substation Wireman | 6 |
| Collector | 4 | Safety Specialist | 2 |
| General Foreman | 4 | Tree crewman | 70 |
| Stores/Logistics | 15 | Contract Crewman | 197 |
| Operations Manager | 9 | Flaggers | 16 |
| TOTAL | | | 453 |

| Materials | | | |
|-------------------------------|--------|--------------|-------|
| # Poles (D) | 63 | Cutouts | 175 |
| # Poles (T) | 1 | Line fuses | 1,471 |
| Approx. Conductor Line (feet) | 77,102 | Line splices | 7,352 |
| # Transformers | 44 | Guy wire | 3,750 |
| # Crossarms | 200 | Bird Guard | 66 |
| Insulators | 1,783 | Regulator | 1 |

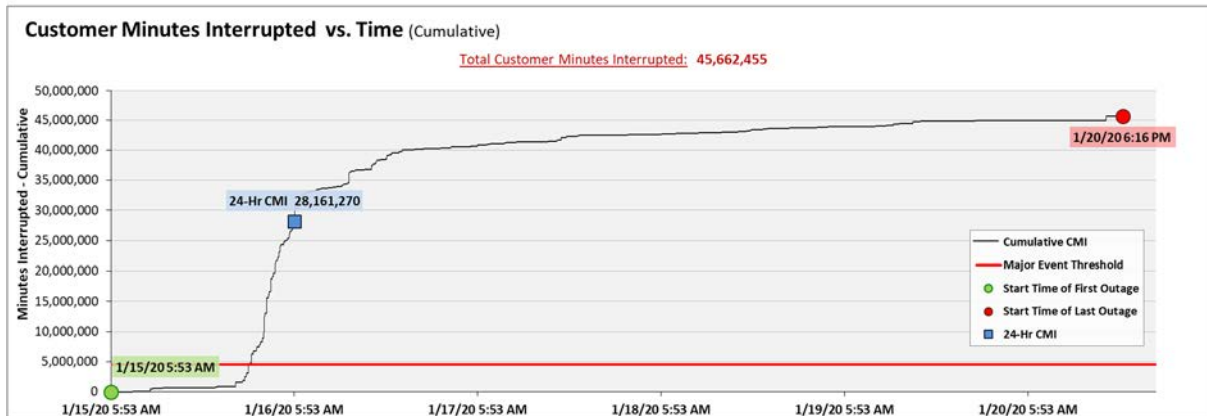
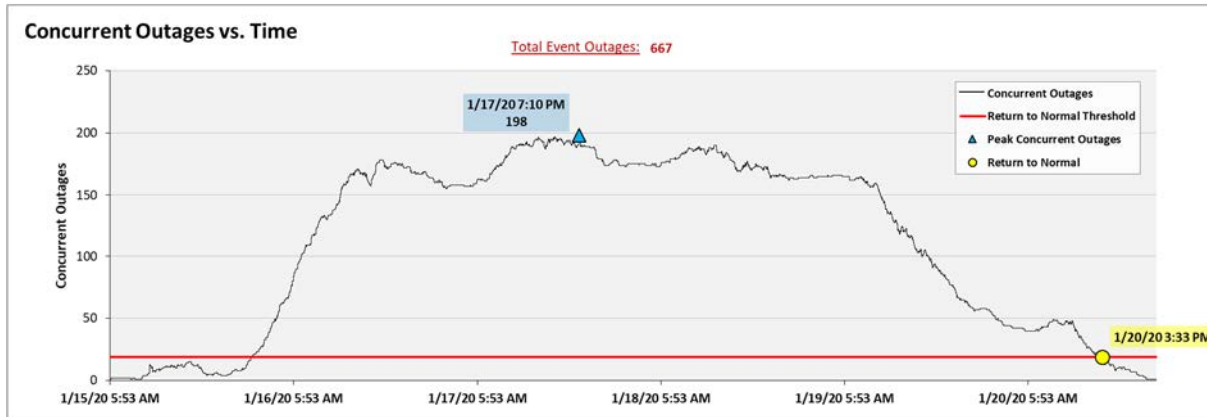
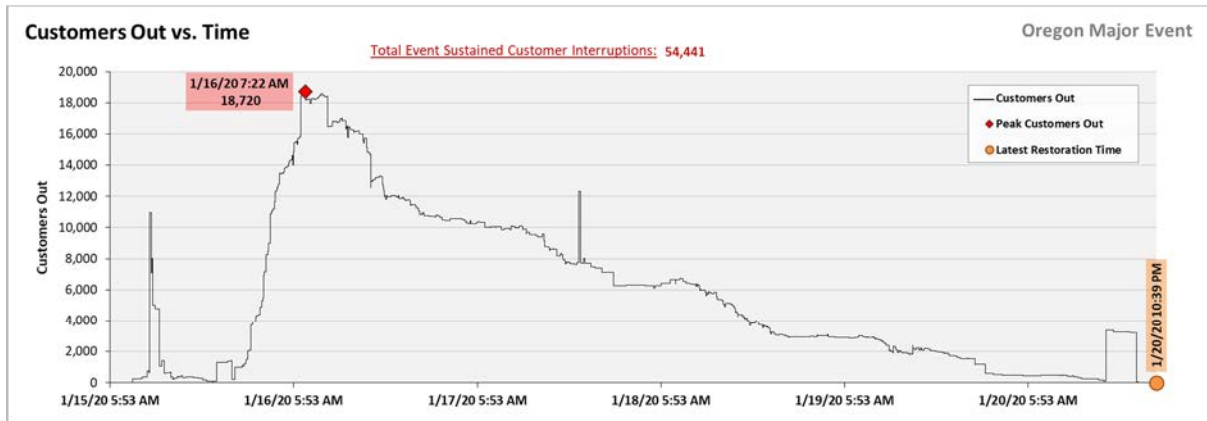
| Estimate \$ | Labor | Contract Resources | Materials | Overheads | Total |
|------------------------|--------------------|--------------------|------------------|------------------|--------------------|
| Capital Expense | \$138,521 | \$642,674 | \$105,567 | \$141,244 | \$1,028,006 |
| Total | \$1,792,886 | \$2,733,870 | \$266,659 | \$288,535 | \$5,081,950 |

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 Major Event Threshold for Oregon as calculated annually by the company according to IEEE 1366-2003 methodology (commonly referred to as the 2.5 beta method). The company's 2020 Oregon reliability threshold is 4,480,143 customer minutes lost (7.26 Oregon SAIDI minutes) in a 24-hour period.

² Data provided represents specific system records for personnel, resources, and costs; and is specific to the event, not inclusive of state delineation. However, additional resources whose participation did not get individually captured in transaction recording systems were utilized during the event, thus the data presented here effectively understates the resources, including cost, involved in restoring the system to normal.

Event Details



SAIDI, SAIFI, CAIDI by Reliability Reporting Region
 Please see the attached system-generated reports.

PacifiCorp Major Event Report
Customer Analysis

| | Oregon | Customer Analysis 1/15/2020 through 1/20/2020 | | | | | Customers Restored by Intervals | | | | | | | | Major Event Only - metric by operating area customer counts | | |
|----|----------------------|--|---------------------------|------------|-----------------------------------|----------------|---------------------------------|---------------|----------------|-----------------|-----------------|-----------------|----------|---|--|-------|-------|
| | | 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 Customers Restored in 3 Hours PS4 | SAIDI | SAIFI | CAIDI |
| PC | PACIFICORP | 54,620 | 3% | 47,162,384 | 668 | 1,982,346 | 31,425 | 22,457 | 21,230 | 5,530 | 3,654 | 1,522 | 227 | 41% | 23.79 | 0.028 | 863 |
| PP | Pacific Power | 54,620 | 7% | 47,162,384 | 668 | 799,297 | 31,425 | 22,457 | 21,230 | 5,530 | 3,654 | 1,522 | 227 | 41% | 59.00 | 0.068 | 863 |
| OR | Oregon | 54,620 | 9% | 47,162,384 | 668 | 617,333 | 31,425 | 22,457 | 21,230 | 5,530 | 3,654 | 1,522 | 227 | 41% | 76.40 | 0.088 | 863 |
| OR | ALBANY | 104 | 0% | 30,543 | 4 | 32,228 | - | 5 | 99 | - | - | - | - | 5% | 0.95 | 0.003 | 294 |
| OR | BEND/REDMOND | 13 | 0% | 1,859 | 7 | 67,328 | - | 8 | 5 | - | - | - | - | 62% | 0.03 | 0.000 | 143 |
| OR | CLATSOP (ASTORIA) | 1,145 | 5% | 120,096 | 5 | 25,031 | 799 | 1,145 | - | - | - | - | - | 100% | 4.80 | 0.046 | 105 |
| OR | COOS BAY/COQUILLE | 696 | 3% | 51,816 | 13 | 26,390 | 2,606 | 664 | 32 | - | - | - | - | 95% | 1.96 | 0.026 | 74 |
| OR | CORVALLIS | 43 | 0% | 2,664 | 2 | 29,956 | 12,208 | 43 | - | - | - | - | - | 100% | 0.09 | 0.001 | 62 |
| OR | COTTAGE GROVE/J.CITY | 114 | 1% | 25,389 | 4 | 11,322 | - | 16 | 98 | - | - | - | - | 14% | 2.24 | 0.010 | 223 |
| OR | DALLAS/INDEPENDENCE | 3 | 0% | 279 | 3 | 15,581 | - | 3 | - | - | - | - | - | 100% | 0.02 | 0.000 | 93 |
| OR | ENTERPRISE | 27 | 0% | 4,730 | 2 | 5,476 | - | 20 | 7 | - | - | - | - | 74% | 0.86 | 0.005 | 175 |
| OR | GRANTS PASS | 27,963 | 54% | 42,504,788 | 455 | 52,143 | 13,291 | 2,220 | 14,990 | 5,529 | 3,654 | 1,522 | 48 | 8% | 815.16 | 0.536 | 1,520 |
| OR | HERMISTON | 33 | 1% | 12,730 | 5 | 4,829 | 5 | 1 | 32 | - | - | - | - | 3% | 2.64 | 0.007 | 386 |
| OR | HOOD RIVER | 16 | 0% | 4,516 | 1 | 9,546 | - | - | 16 | - | - | - | - | 0% | 0.47 | 0.002 | 282 |
| OR | KLAMATH FALLS | 117 | 0% | 31,895 | 13 | 37,763 | - | 20 | 97 | - | - | - | - | 17% | 0.84 | 0.003 | 273 |
| OR | LEBANON | 97 | 0% | 17,437 | 8 | 20,901 | - | 17 | 80 | - | - | - | - | 18% | 0.83 | 0.005 | 180 |
| OR | LINCOLN CITY | 14 | 0% | 2,037 | 6 | 12,330 | - | 11 | 3 | - | - | - | - | 79% | 0.17 | 0.001 | 146 |
| OR | MADRAS | 235 | 1% | 4,288 | 3 | 17,235 | - | 234 | 1 | - | - | - | - | 100% | 0.25 | 0.014 | 18 |
| OR | MEDFORD | 5,108 | 6% | 1,660,830 | 79 | 91,033 | 2,158 | 324 | 4,783 | 1 | - | - | - | 6% | 18.24 | 0.056 | 325 |
| OR | PENDLETON | 98 | 1% | 25,361 | 8 | 12,943 | - | 10 | 88 | - | - | - | - | 10% | 1.96 | 0.008 | 259 |
| OR | PORTLAND | 455 | 1% | 270,907 | 3 | 83,892 | - | 14 | 441 | - | - | - | - | 3% | 3.23 | 0.005 | 595 |
| OR | ROSEBURG/MYRTLECREEK | 17,664 | 41% | 2,319,143 | 38 | 42,857 | 358 | 17,120 | 365 | - | - | - | 179 | 98% | 54.11 | 0.412 | 131 |
| OR | STAYTON | 636 | 5% | 58,097 | 5 | 13,825 | - | 582 | 54 | - | - | - | - | 92% | 4.20 | 0.046 | 91 |
| OR | WALLA WALLA | 39 | 2% | 12,978 | 4 | 2,312 | - | - | 39 | - | - | - | - | 0% | 5.61 | 0.017 | 333 |

| Date | Customer Interrupted by Date 1/15/2020 through 1/20/2020 | | | | | Customers Restored by Intervals | | | | | | | | Major Event Only - metric by state customer counts | | |
|-----------|---|---------------------------|------------|-----------------------------------|----------------|---------------------------------|---------------|----------------|-----------------|-----------------|-----------------|----------|---|---|-------|-------|
| | 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 Customers Restored in 3 Hours PS4 | SAIDI | SAIFI | CAIDI |
| 1/11/2020 | 179 | 0% | 1,499,929 | 1 | 617,333 | - | - | - | - | - | - | 179 | 0% | 2.43 | 0.000 | 8,379 |
| 1/15/2020 | 16,290 | 3% | 4,693,104 | 60 | 617,333 | 13,933 | 13,864 | 1,627 | 308 | 434 | 57 | - | 85% | 7.60 | 0.026 | 288 |
| 1/16/2020 | 22,281 | 4% | 35,567,187 | 238 | 617,333 | 11,308 | 953 | 12,181 | 4,635 | 3,026 | 1,438 | 48 | 4% | 57.61 | 0.036 | 1,596 |
| 1/17/2020 | 7,066 | 1% | 2,228,812 | 127 | 617,333 | 1,680 | 5,747 | 708 | 391 | 193 | 27 | - | 81% | 3.61 | 0.011 | 315 |
| 1/18/2020 | 3,014 | 0% | 1,173,549 | 106 | 617,333 | 1,688 | 1,211 | 1,743 | 59 | 1 | - | - | 40% | 1.90 | 0.005 | 389 |
| 1/19/2020 | 2,299 | 0% | 1,201,410 | 93 | 617,333 | 1,480 | 496 | 1,666 | 137 | - | - | - | 22% | 1.95 | 0.004 | 523 |
| 1/20/2020 | 3,491 | 1% | 798,392 | 43 | 617,333 | 1,336 | 186 | 3,305 | - | - | - | - | 5% | 1.29 | 0.006 | 229 |

Data as of
2/21/2020

*numbers include Lemolo Outage which began on 1/11/2020

PacifiCorp Major Event Report
SSC by State Analysis

| | Oregon | Event* 01/15/20 through 01/20/20 | | | | | | Month 01/01/20 through 01/31/20 | | | | | | YTD 1/1/2020 01/01/20 through 01/31/20 | | | | | |
|------|----------------------|----------------------------------|-------|-------|----------------------|-------|-------|---------------------------------|-------|-------|------------------------|-------|-------|--|-------|-------|------------------------|-------|-------|
| | | Major Events Included | | | Major Event 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 | | | | | | | | | | | | | | | | | | |
| | PacifiCorp | | | | | | | | | | | | | | | | | | |
| PC | PacifiCorp | 25.70 | 0.043 | 604 | 0.82 | 0.008 | 103 | 33.15 | 0.114 | 291 | 5.70 | 0.062 | 92 | 33.15 | 0.114 | 291 | 5.70 | 0.062 | 92 |
| Comp | Power Company | 62.23 | 0.091 | 682 | 0.54 | 0.005 | 99 | 71.59 | 0.169 | 424 | 7.51 | 0.078 | 96 | 71.59 | 0.169 | 424 | 7.51 | 0.078 | 96 |
| ST | State | 73.97 | 0.088 | 839 | 0.00 | 0.000 | 104 | 83.26 | 0.164 | 508 | 6.86 | 0.076 | 91 | 83.26 | 0.164 | 508 | 6.86 | 0.076 | 91 |
| OR | ALBANY | 0.05 | 0.000 | 294 | - | - | - | 0.45 | 0.004 | 119 | 0.41 | 0.004 | 111 | 0.45 | 0.004 | 119 | 0.41 | 0.004 | 111 |
| OR | BEND/REDMOND | 0.00 | 0.000 | 140 | 0.00 | 0.000 | 104 | 0.08 | 0.001 | 117 | 0.08 | 0.001 | 116 | 0.08 | 0.001 | 117 | 0.08 | 0.001 | 116 |
| OR | CLATSOP (ASTORIA) | 0.19 | 0.002 | 105 | - | - | - | 0.79 | 0.024 | 33 | 0.60 | 0.022 | 27 | 0.79 | 0.024 | 33 | 0.60 | 0.022 | 27 |
| OR | COOS BAY/COQUILLE | 0.08 | 0.001 | 74 | - | - | - | 0.55 | 0.004 | 134 | 0.46 | 0.003 | 157 | 0.55 | 0.004 | 134 | 0.46 | 0.003 | 157 |
| OR | CORVALLIS | 0.00 | 0.000 | 62 | - | - | - | 0.20 | 0.002 | 124 | 0.20 | 0.002 | 127 | 0.20 | 0.002 | 124 | 0.20 | 0.002 | 127 |
| OR | COTTAGE GROVE/J.CITY | 0.04 | 0.000 | 223 | - | - | - | 0.34 | 0.003 | 124 | 0.30 | 0.003 | 117 | 0.34 | 0.003 | 124 | 0.30 | 0.003 | 117 |
| OR | DALLAS/INDEPENDENCE | 0.00 | 0.000 | 93 | - | - | - | 0.21 | 0.001 | 186 | 0.21 | 0.001 | 186 | 0.21 | 0.001 | 186 | 0.21 | 0.001 | 186 |
| OR | ENTERPRISE | 0.01 | 0.000 | 175 | - | - | - | 0.06 | 0.000 | 182 | 0.05 | 0.000 | 183 | 0.06 | 0.000 | 182 | 0.05 | 0.000 | 183 |
| OR | GRANTS PASS | 68.85 | 0.045 | 1,520 | - | - | - | 69.42 | 0.050 | 1,390 | 0.57 | 0.005 | 123 | 69.42 | 0.050 | 1,390 | 0.57 | 0.005 | 123 |
| OR | HERMISTON | 0.02 | 0.000 | 386 | - | - | - | 0.04 | 0.000 | 378 | 0.02 | 0.000 | 370 | 0.04 | 0.000 | 378 | 0.02 | 0.000 | 370 |
| OR | HOOD RIVER | 0.01 | 0.000 | 282 | - | - | - | 0.11 | 0.001 | 155 | 0.10 | 0.001 | 151 | 0.11 | 0.001 | 155 | 0.10 | 0.001 | 151 |
| OR | KLAMATH FALLS | 0.05 | 0.000 | 273 | - | - | - | 0.31 | 0.002 | 171 | 0.25 | 0.002 | 159 | 0.31 | 0.002 | 171 | 0.25 | 0.002 | 159 |
| OR | LAKEVIEW | - | - | - | - | - | - | 0.02 | 0.000 | 87 | 0.02 | 0.000 | 87 | 0.02 | 0.000 | 87 | 0.02 | 0.000 | 87 |
| OR | LEBANON | 0.03 | 0.000 | 180 | - | - | - | 0.07 | 0.001 | 124 | 0.04 | 0.000 | 103 | 0.07 | 0.001 | 124 | 0.04 | 0.000 | 103 |
| OR | LINCOLN CITY | 0.00 | 0.000 | 146 | - | - | - | 0.73 | 0.008 | 87 | 0.73 | 0.008 | 87 | 0.73 | 0.008 | 87 | 0.73 | 0.008 | 87 |
| OR | MADRAS | 0.01 | 0.000 | 18 | - | - | - | 0.04 | 0.001 | 63 | 0.04 | 0.000 | 121 | 0.04 | 0.001 | 63 | 0.04 | 0.000 | 121 |
| OR | MEDFORD | 2.69 | 0.008 | 325 | - | - | - | 3.67 | 0.013 | 278 | 0.98 | 0.005 | 198 | 3.67 | 0.013 | 278 | 0.98 | 0.005 | 198 |
| OR | PENDLETON | 0.04 | 0.000 | 259 | - | - | - | 0.13 | 0.001 | 221 | 0.09 | 0.000 | 207 | 0.13 | 0.001 | 221 | 0.09 | 0.000 | 207 |
| OR | PORTLAND | 0.44 | 0.001 | 595 | - | - | - | 0.73 | 0.002 | 426 | 0.29 | 0.001 | 300 | 0.73 | 0.002 | 426 | 0.29 | 0.001 | 300 |
| OR | ROSEBURG/MYRTLECREEK | 1.33 | 0.028 | 47 | - | - | - | 4.78 | 0.042 | 114 | 1.02 | 0.013 | 76 | 4.78 | 0.042 | 114 | 1.02 | 0.013 | 76 |
| OR | STAYTON | 0.09 | 0.001 | 91 | - | - | - | 0.38 | 0.005 | 80 | 0.28 | 0.004 | 76 | 0.38 | 0.005 | 80 | 0.28 | 0.004 | 76 |
| OR | WALLA WALLA | 0.02 | 0.000 | 333 | - | - | - | 0.13 | 0.001 | 189 | 0.11 | 0.001 | 174 | 0.13 | 0.001 | 189 | 0.11 | 0.001 | 174 |

Event day calculations does not include the Lemolo outage from 1/11/2020, but the event is included in the Month and YTD calculations.

| |
|------------------|
| Data as/of |
| 2/21/2020 |