

**2016**

**Qualifying Events Report**

**March 1, 2016 Event**

Filed on May 25, 2016

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# **Event Description**

### **Event Date and Time**

Start: 3/1/2016, 13:30

End: 3/4/2016, 00:00

### **Event Type**

Wind

**Service Areas Significantly Affected**

Pierce County, Thurston County, Kitsap County, Vashon Island

### **Number of Customers Affected**

System wide, approximately 109,397 customers were without power during the course of this event.

### **Summary of System Impacts**

|  |  |
| --- | --- |
| **Total Number of Outages** | **299** |

|  |  |
| --- | --- |
| Transmission Lines Affected | 7 |
| Substations Offline | 3 |

### **Mobilization Summary**

####  Operating Bases Placed In Emergency Status

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Base** | **Date Opened** | **Time Opened** | **Date Closed** | **Time Closed** |
| Whatcom/Skagit/Island | N/A |  |  |  |
| North King | N/A |  |  |  |
| South King | N/A |  |  |  |
| Pierce | 3/1/16 | 15:00 | 3/2/16 | 08:00 |
| Thurston | 3/1/16 | 15:00 | 3/2/16 | 06:00 |
| Kitsap | 3/1/16 | 15:00 | 3/3/16 | 02:00 |
| Vashon | 3/1/16 | 15:00 | 3/3/16 | 02:00 |
| Kittitas | N/A |  |  |  |

####  Emergency Coordination Center (ECC)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ECC** | **Date Opened** | **Time Opened** | **Date Closed** | **Time Closed** |
|  | 3/1/16 | 16:00 | 3/2/16 | 15:00 |

# **Active Outage Event Chart**



# **Major Event Day – Qualification**

**IEEE[[1]](#footnote-1) Standard 1366**

IEEE Standard 1366 was established to present a set of terms and definitions which can be used to foster uniformity in the development of electric system service reliability indices, to identify factors which affect the indices, and to aid in consistent reporting practices among utilities. Also, it provides guidance for new personnel in the reliability area and tools for internal as well as external comparisons. The Major Event Day definition was created as part of IEEE Standard 1366 to allow for consistent calculation of reliability metrics between utilities and enable more valid comparisons with other utility reliability metrics.

|  |
| --- |
| **IEEE Major Event Day Calculation (2.5 BETA METHOD)**A threshold on daily SAIDI[[2]](#footnote-2) is computed once a year, following year end Assemble the 5 most recent years of historical values of SAIDI/dayDiscard any days in the data set that has a SAIDI/day of zeroFind the natural logarithm of each value in the data setCompute the average (Alpha) and the standard deviation (Beta) of the natural logarithms computed in step 4Compute the threshold TMED where TMED = exp (Alpha + 2.5 \* Beta)Any day in the next year with SAIDI > Tmed is a major event day |
| **Puget Sound Energy’s IEEE Major Event Threshold (TMED ) for 2016: 6.45 Minutes** |

# **Qualified Events - 2016**

### **Current Event – Calculation Detail**

|  |  |  |  |
| --- | --- | --- | --- |
| **Event Date, Time Range** | **Total Customer Minutes** | **Average Customer Count** | **Event SAIDI**(Customer Minutes /Customer Count) |
| 3/1/2016, 13:30 – 3/4, 00:00 | 38,794,398 | 1.122.484 | 34.56 |

### **YTD Daily SAIDI Detail**

(first day that daily SAIDI exceeded PSE’s TMED of 6.45 Minutes by qualifying event)

|  |  |  |
| --- | --- | --- |
| **Date** | **Daily SAIDI****(from midnight to midnight)** | **O&M[[3]](#footnote-3) Costs– Deferrable** **Accumulation** |
| 3/1/2016 | 36.36 | $1,868,908 |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# **Event Restoration – Cost Summary**

### **2016 Restoration Costs Detail by Qualifying Event (updated)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Event Date  | Qualified Events Deferred Account | Capital Costs | O&M Costs Not Deferrable | O&M CostsDeferrableAccumulation | Total O&M Costs | Total |
| 3/1/2016 | $- | $128,627 | $163,719 | $1,868,908 | $2,032,627 | $2,161,254 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

(r) Revised

### **2016 YTD Storm Restoration Costs Detail**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Qualifying Events Deferred Account | Capital | O&M - Not Deferrable | O&M - Deferrable Accumulation | Total O&M | Total |
| 3/1/2016 |  $-  |  $128,627  |  $163,719  |  $1,868,908  |  $2,032,627  |

# **Detail Documents**

**Restoration Cost Detail – Current Event**

**Detailed List of Distribution Circuits with Outages**

**Terms, Codes and Definitions Used on Detail Reports**

**Newsprint Media Coverage**

### **Restoration Cost Detail – Current Event**



### **Detailed List of Outages** **- First TMED-Exceeding Day**

**March 1, 2016**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00267327-1 | 3/1/2016 | 12:48:21 AM | BTR-22 | EBE | EF | UJU | 24 |  4,447  |
| P00267332-1 | 3/1/2016 | 7:04:32 AM | CRE-13 | EAD | TV | OFU | 5 |  221  |
| P00267341-1 | 3/1/2016 | 7:40:00 AM | ROL-17 | EBJ | EF | UTR | 17 |  4,336  |
| P00267344-1 | 3/1/2016 | 7:57:22 AM | CAR-15 | EAA | EF | OTF | 2 |  123  |
| P00267349-1 | 3/1/2016 | 8:53:00 AM | BIG-12 | EAC | TV | OTR | 2 |  (1) |
| P00267350-1 | 3/1/2016 | 8:57:08 AM | RAI-13 | ECC | EF | USV | 1 |  167  |
| P00119195-2 | 3/1/2016 | 8:59:38 AM | MCW-15 | ECE | SO | UTC | 52 |  16,626  |
| P00267354-1 | 3/1/2016 | 9:38:01 AM | CPV-12 | EAD | SO | USC | 3 |  102  |
| P00267357-1 | 3/1/2016 | 9:52:06 AM | SUM-21 | EAC | TV | OFU | 19 |  1,017  |
| P00267367-1 | 3/1/2016 | 10:30:03 AM | HIG-15 | EBE | OE | OJU | 1,070 |  28,921  |
| P00266306-1 | 3/1/2016 | 10:47:43 AM | HIG-15 | EBE | SO | OJU | 96 |  20,589  |
| P00267371-1 | 3/1/2016 | 10:50:00 AM | CPV-15 | EAD | SO | OTR | 1 |  40  |
| P00267375-1 | 3/1/2016 | 10:57:00 AM | WLS-16 | EAC | TV | OCO | 15 |  3,945  |
| P00267380-1 | 3/1/2016 | 11:15:35 AM | FNW-17 | ECD | BA | OTF | 3 |  205  |
| P00267381-1 | 3/1/2016 | 11:25:00 AM | SAH-17 | EBD | DU | UPC | 18 |  1,698  |
| P00267382-1 | 3/1/2016 | 11:38:00 AM | LON-22 | ECC | TV | OCO | 16 |  5,626  |
| P00267383-1 | 3/1/2016 | 11:39:00 AM | LGY-16 | EAD | TV | OCO | 84 |  15,021  |
| 11227864 | 3/1/2016 | 11:45:00 AM | BLA-13 | EAA | CP | OPO | 1 |  216  |
| P00267392-1 | 3/1/2016 | 11:52:00 AM | GRI-13 | ECC | TV | OSV | 1 |  735  |
| P00267400-1 | 3/1/2016 | 12:23:00 PM | WLK-13 | ECA | EF | USV | 1 |  342  |
| P00267399-1 | 3/1/2016 | 12:23:23 PM | LON-17 | ECC | TV | OCO | 118 |  16,731  |
| P00267363-1 | 3/1/2016 | 12:25:45 PM | CRE-12 | EAD | EF | USV | 1 |  7  |
| P00267402-1 | 3/1/2016 | 12:26:00 PM | BLU-13 | ECC | TV | OCO | 14 |  3,307  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00267438-1 | 3/1/2016 | 12:28:21 PM | LON-22 | ECC | TV | OFU | 14 |  2,768  |
| P00267408-1 | 3/1/2016 | 12:38:35 PM | PAT-15 | ECC | TV | OCO | 1,990 |  126,067  |
| P00267409-1 | 3/1/2016 | 12:40:24 PM | SIL-15 | ECE | TV | OSV | 1 |  1,771  |
| P00267412-1 | 3/1/2016 | 12:43:28 PM | GRI-16 | ECC | TV | OCO | 4 |  1,250  |
| P00267415-1 | 3/1/2016 | 12:53:09 PM | CLY-26 | EBE | EF | USV | 1 |  229  |
| P00267423-1 | 3/1/2016 | 1:05:00 PM | SKE-22 | ECE | EF | UPC | 2 |  4,113  |
| P00267426-1 | 3/1/2016 | 1:08:25 PM | SWI-13 | ECC | TV | OFC | 85 |  18,937  |
| P00267428-1 | 3/1/2016 | 1:13:37 PM | KIT-25 | EBH | EF | OTF | 1 |  121  |
| P00267431-1 | 3/1/2016 | 1:24:16 PM | OSC-23 | EBI | TV | OFU | 5 |  907  |
| P00267433-1 | 3/1/2016 | 1:29:00 PM | CHI-12 | ECD | TV | OCO | 460 |  1,389,927  |
| P00267433-5 | 3/1/2016 | 1:29:00 PM | CHI-12 | ECD | TV | OCO | 460 |  1,389,778  |
| P00267434-1 | 3/1/2016 | 1:29:46 PM | SHD-18 | EBI | TV | OTF | 2 |  575  |
| P00267436-1 | 3/1/2016 | 1:32:43 PM | SEQ-22 | EBJ | TV | OFU | 146 |  14,933  |
| P00267447-1 | 3/1/2016 | 1:43:00 PM | KAP-16 | ECA | EF | OCO | 1,245 |  104,061  |
| P00267444-1 | 3/1/2016 | 1:47:00 PM | LON-23 | ECC | TV | OPO | 289 |  189,502  |
| P00267456-1 | 3/1/2016 | 1:55:00 PM | LON-17 | ECC | TV | OCO | 75 |  37,939  |
| P00267464-1 | 3/1/2016 | 1:58:00 PM | ROC-26 | ECC | TV | OCO | 195 |  133,877  |
| P00267467-1 | 3/1/2016 | 2:00:00 PM | ORT-23 | ECA | EF | OCO | 81 |  15,508  |
| P00267481-1 | 3/1/2016 | 2:00:00 PM | TLN-0042 | EBI | TV | SBF | 1,790 |  354,845  |
| P00269916-1 | 3/1/2016 | 2:01:00 PM | KAP-13 | ECA | TV | OCR | 73 |  57,964  |
| P00267478-1 | 3/1/2016 | 2:02:40 PM | HEM-15 | ECA | UN | OFU | 97 |  22,302  |
| P00267480-1 | 3/1/2016 | 2:03:12 PM | BON-16 | ECA | TV | OCR | 2,678 |  277,354  |
| P00267508-1 | 3/1/2016 | 2:07:03 PM | OSC-23 | EBI | TV | OFU | 24 |  2,226  |
| P00267518-1 | 3/1/2016 | 2:08:00 PM | KAP-13 | ECA | EF | CDH | 265 |  88,331  |
| P00267509-1 | 3/1/2016 | 2:08:00 PM | ORT-22 | ECA | TV | OCO | 6 |  2,989  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00267512-1 | 3/1/2016 | 2:09:01 PM | KAP-13 | ECA | EF | OTF | 2 |  1,276  |
| P00267515-1 | 3/1/2016 | 2:09:37 PM | WLK-13 | ECA | TV | OCO | 103 |  10,097  |
| P00267522-1 | 3/1/2016 | 2:10:00 PM | HOB-16 | EBI | TV | OCO | 29 |  15,554  |
| P00267620-1 | 3/1/2016 | 2:10:00 PM | LTA-18 | ECA | TV | OPO | 1,015 |  333,075  |
| P00267525-1 | 3/1/2016 | 2:11:00 PM | BLU-16 | ECC | TV | OCO | 3 |  1,995  |
| P00267527-1 | 3/1/2016 | 2:12:00 PM | OSC-22 | EBI | EF | OPO | 521 |  382,727  |
| P00267523-1 | 3/1/2016 | 2:12:42 PM | ORT-22 | ECA | EF | OCO | 58 |  18,152  |
| P00269025-1 | 3/1/2016 | 2:13:00 PM | HOB-15 | EBI | TV | OCO | 67 |  120,353  |
| P00267529-1 | 3/1/2016 | 2:13:03 PM | OSC-23 | EBI | TV | OFU | 18 |  2,461  |
| P00267537-1 | 3/1/2016 | 2:14:00 PM | BDI-15 | EBI | TV | OCO | - |  6,402  |
| P00267542-1 | 3/1/2016 | 2:15:25 PM | NNO-13 | EBJ | TV | OTF | 4 |  407  |
| P00267558-1 | 3/1/2016 | 2:15:54 PM | HOB-15 | EBI | TV | OHR | 836 |  233,285  |
| P00267568-1 | 3/1/2016 | 2:17:33 PM | MOT-14 | ECC | TV | OCO | 472 |  54,225  |
| P00269264-1 | 3/1/2016 | 2:18:00 PM | FRU-26 | ECA | TV | OFU | 4 |  1,950  |
| P00267628-1 | 3/1/2016 | 2:18:00 PM | EVE-23 | EBD | TV | OCO | 267 |  162,750  |
| P00267605-1 | 3/1/2016 | 2:21:00 PM | LUH-15 | ECC | TV | OCO | 18 |  7,047  |
| P00267618-1 | 3/1/2016 | 2:26:00 PM | RAI-11 | ECC | TV | OFU | 80 |  11,551  |
| P00267629-1 | 3/1/2016 | 2:28:00 PM | MCA-13 | ECC | TV | OCO | 146 |  96,452  |
| P00267631-1 | 3/1/2016 | 2:30:00 PM | CHI CR | ECD | TV | OCN | 715 |  69,355  |
| P00267632-1 | 3/1/2016 | 2:32:45 PM | MVW-17 | EBJ | TV | OFU | 9 |  690  |
| P00268165-1 | 3/1/2016 | 2:33:06 PM | MCW-17 | ECE | TV | OCO | 90 |  126,849  |
| P00268684-1 | 3/1/2016 | 2:34:37 PM | KIN-21 | ECE | TV | OCO | 224 |  181,996  |
| P00267639-1 | 3/1/2016 | 2:35:57 PM | PIK-21 | EBF | TV | OHR | 154 |  15,975  |
| P00267649-1 | 3/1/2016 | 2:37:00 PM | GRI-16 | ECC | TV | OCO | 49 |  27,346  |
| P00268626-1 | 3/1/2016 | 2:37:51 PM | SIL-15 | ECE | TV | OCO | 1,074 |  448,556  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00268027-1 | 3/1/2016 | 2:38:42 PM | FNW-01 | ECD | TV | OCO | 10,421 |  3,654,355  |
| P00267679-1 | 3/1/2016 | 2:39:00 PM | MIR-15 | EBF | TV | OCO | 56 |  12,792  |
| P00267736-1 | 3/1/2016 | 2:40:30 PM | SKE-26 | ECE | TV | OCO | 1,882 |  154,857  |
| P00267707-1 | 3/1/2016 | 2:41:54 PM | SIL-16 | ECE | TV | OCO | 64 |  86,425  |
| P00267724-1 | 3/1/2016 | 2:42:00 PM | ELD-27 | ECC | TV | OCO | 23 |  22,747  |
| P00269424-1 | 3/1/2016 | 2:42:51 PM | SIN-23 | ECD | TV | OCO | 392 |  770,635  |
| P00268005-1 | 3/1/2016 | 2:43:12 PM | SIL-16 | ECE | TV | OCO | 268 |  228,966  |
| P00267908-1 | 3/1/2016 | 2:44:47 PM | CEK-16 | ECE | TV | OCO | 1,597 |  407,847  |
| P00267771-1 | 3/1/2016 | 2:44:53 PM | LOL-23 | ECD | TV | OCO | 46 |  53,881  |
| P00268080-1 | 3/1/2016 | 2:44:54 PM | SIL-16 | ECE | TV | OCO | 165 |  247,910  |
| P00267793-1 | 3/1/2016 | 2:45:14 PM | SIN-01 | ECD | TV | OCO | 4,375 |  1,359,051  |
| P00268020-1 | 3/1/2016 | 2:45:33 PM | FRA-01 | ECD | TV | OCO | 5,737 |  171,060  |
| P00267881-1 | 3/1/2016 | 2:46:08 PM | CHI-15 | ECD | TV | OCO | 308 |  380,277  |
| P00267883-1 | 3/1/2016 | 2:46:11 PM | TOL-17 | EBD | TV | OFU | 101 |  18,821  |
| P00269021-1 | 3/1/2016 | 2:48:06 PM | CHI-13 | ECD | TV | OCO | 281 |  553,982  |
| P00268090-1 | 3/1/2016 | 2:49:00 PM | BRE-11 | ECD | TV | OCO | 40 |  58,445  |
| P00268117-1 | 3/1/2016 | 2:50:00 PM | SIL-15 | ECE | TV | OCO | 13 |  8,022  |
| P00268109-1 | 3/1/2016 | 2:50:00 PM | BHL-15 | ECE | TV | OCO | 3,223 |  1,312,983  |
| P00268124-1 | 3/1/2016 | 2:51:00 PM | BHL-12 | ECE | TV | OCO | 16 |  24,013  |
| P00268126-1 | 3/1/2016 | 2:51:32 PM | FRG-25 | ECC | OD | OFU | 11 |  1,345  |
| P00268211-1 | 3/1/2016 | 2:52:00 PM | MAN-15 | ECE | TV | OCO | 1,847 |  1,154,321  |
| P00268151-1 | 3/1/2016 | 2:52:00 PM | BRE-24 | ECD | TV | OCO | 112 |  168,823  |
| P00268138-1 | 3/1/2016 | 2:52:13 PM | HEM-15 | ECA | EF | OTF | 5 |  929  |
| P00269408-1 | 3/1/2016 | 2:52:31 PM | TRA-22 | ECE | EF | OCO | 12 |  18,668  |
| P00268473-1 | 3/1/2016 | 2:52:47 PM | SKE-22 | ECE | TV | OCO | 725 |  152,056  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00269721-1 | 3/1/2016 | 2:52:55 PM | SIL-15 | ECE | TV | OCO | - |  9,933  |
| P00268171-1 | 3/1/2016 | 2:53:00 PM | SEQ-22 | EBJ | TV | OCO | 8 |  6,537  |
| P00268790-1 | 3/1/2016 | 2:53:15 PM | CEK-14 | ECE | TV | OCO | 1,372 |  188,262  |
| P00268184-1 | 3/1/2016 | 2:53:37 PM | EPO-13 | ECD | TV | OSV | 3 |  4,363  |
| P00268384-1 | 3/1/2016 | 2:54:20 PM | EPO-16 | ECD | TV | OCO | 525 |  318,106  |
| P00268395-1 | 3/1/2016 | 2:54:55 PM | POU-15 | ECE | TV | OCO | 584 |  135,852  |
| P00268267-1 | 3/1/2016 | 2:55:00 PM | LOL-25 | ECD | TV | OCO | 2,194 |  925,762  |
| P00268243-1 | 3/1/2016 | 2:55:32 PM | SWD-12 | ECE | UN | OCO | - |  93,676  |
| P00268444-1 | 3/1/2016 | 2:55:45 PM | SIL-17 | ECE | TV | OCO | 553 |  456,069  |
| P00268866-1 | 3/1/2016 | 2:56:54 PM | TLN-0283 | ECE | TV | OCO | 338 |  203,693  |
| P00268292-1 | 3/1/2016 | 2:56:59 PM | MUR-15 | ECE | TV | OCO | 69 |  58,302  |
| P00268300-1 | 3/1/2016 | 2:57:00 PM | KCR-16 | EBJ | TV | OCO | 8 |  5,279  |
| P00269957-1 | 3/1/2016 | 2:57:13 PM | LOL-25 | ECD | TV | OCO | - |  16,289  |
| P00269979-1 | 3/1/2016 | 2:57:22 PM | WIN-13 | ECE | TV | OCO | - |  573,884  |
| P00269714-1 | 3/1/2016 | 2:57:32 PM | SIL-13 | ECE | TV | OFU | 34 |  46,300  |
| P00269990-1 | 3/1/2016 | 2:58:00 PM | WIN-12 | ECE | TV | OCO | 782 |  445,349  |
| P00269978-1 | 3/1/2016 | 2:58:12 PM | WIN-15 | ECE | TV | OCO | 1,368 |  806,846  |
| P00269645-1 | 3/1/2016 | 2:58:31 PM | POU-15 | ECE | TV | OCO | 1,526 |  384,959  |
| P00269977-1 | 3/1/2016 | 2:59:34 PM | WIN-16 | ECE | TV | OCO | 69 |  43,607  |
| P00268393-1 | 3/1/2016 | 2:59:57 PM | PMA-13 | ECE | TV | OCO | 13 |  18,258  |
| P00268469-1 | 3/1/2016 | 3:00:00 PM | KIN-24 | ECE | TV | OCO | 1,661 |  2,197,732  |
| P00268445-1 | 3/1/2016 | 3:00:11 PM | CHR-22 | ECE | TV | OCO | 329 |  212,413  |
| P00269186-1 | 3/1/2016 | 3:01:00 PM | PMA-13 | ECE | TV | OCO | 4 |  6,627  |
| P00268913-1 | 3/1/2016 | 3:01:00 PM | SIL-16 | ECE | TV | OCO | 67 |  55,626  |
| P00268606-1 | 3/1/2016 | 3:01:10 PM | VAS-13 | EBL | TV | OCO | 118 |  35,787  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00268893-1 | 3/1/2016 | 3:01:17 PM | TRA-22 | ECE | TV | OCO | 31 |  30,509  |
| P00268832-1 | 3/1/2016 | 3:02:20 PM | BHL-13 | ECE | TV | OCO | 661 |  514,192  |
| P00269077-1 | 3/1/2016 | 3:02:52 PM | POU-16 | ECE | TV | OCO | 971 |  665,523  |
| P00268516-1 | 3/1/2016 | 3:03:00 PM | MUR-13 | ECE | TV | OCO | 16 |  19,812  |
| P00269030-1 | 3/1/2016 | 3:03:00 PM | MIL-16 | ECE | TV | OCO | 8 |  11,129  |
| P00268531-1 | 3/1/2016 | 3:03:00 PM | SEQ-17 | EBJ | TV | OCO | 88 |  39,701  |
| P00269503-1 | 3/1/2016 | 3:03:12 PM | PGA-12 | ECE | TV | OCO | 850 |  794,849  |
| P00268520-1 | 3/1/2016 | 3:03:22 PM | MIL-16 | ECE | TV | OCO | 28 |  34,706  |
| P00268593-1 | 3/1/2016 | 3:04:11 PM | LOL-23 | ECD | TV | OCO | 1,452 |  822,051  |
| P00268594-1 | 3/1/2016 | 3:04:21 PM | HAW-11 | ECC | EF | OFU | 218 |  23,384  |
| P00267493-1 | 3/1/2016 | 3:04:33 PM | STA-16 | EBJ | TV | OJU | - |  3,260  |
| P00268566-1 | 3/1/2016 | 3:04:37 PM | MIR-13 | EBF | TV | OCO | 14 |  2,121  |
| P00268569-1 | 3/1/2016 | 3:04:59 PM | RPT-15 | ECD | TV | OTF | 3 |  4,590  |
| P00268940-1 | 3/1/2016 | 3:05:03 PM | KIN-21 | ECE | UN | OCO | 239 |  342,694  |
| P00268575-1 | 3/1/2016 | 3:05:17 PM | TRA-26 | ECE | UN | OTF | 3 |  3,280  |
| P00269328-1 | 3/1/2016 | 3:05:35 PM | POU-13 | ECE | TV | OCO | 3,984 |  1,286,667  |
| P00268887-1 | 3/1/2016 | 3:06:00 PM | TLN-0184 | EAD | TV | SBF | 7,820 |  876,494  |
| P00268641-1 | 3/1/2016 | 3:07:00 PM | KAP-16 | ECA | TV | OCO | 11 |  9,805  |
| P00268617-1 | 3/1/2016 | 3:07:05 PM | MAN-13 | ECD | TV | OTF | 4 |  5,095  |
| P00268642-1 | 3/1/2016 | 3:07:14 PM | SWD-14 | ECE | TV | OCO | 2 |  2,326  |
| P00268676-1 | 3/1/2016 | 3:08:00 PM | ING-13 | EBD | TV | OCO | 17 |  9,547  |
| P00268763-1 | 3/1/2016 | 3:08:00 PM | KNM-25 | EBD | UN | OCO | 1,814 |  99,407  |
| P00268671-1 | 3/1/2016 | 3:08:03 PM | MAN-13 | ECD | TV | OSV | 1 |  1,347  |
| P00270195-1 | 3/1/2016 | 3:08:16 PM | PGA-13 | ECE | TV | OCO | 3,331 |  2,922,565  |
| P00268683-1 | 3/1/2016 | 3:08:29 PM | MIR-17 | EBF | TV | OCR | 1 |  222  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00268705-1 | 3/1/2016 | 3:09:09 PM | RPT-15 | ECD | TV | OSV | 1 |  1,435  |
| P00268733-1 | 3/1/2016 | 3:10:00 PM | FAL-15 | EBF | TV | OTR | 3 |  1,331  |
| P00269249-1 | 3/1/2016 | 3:10:12 PM | SIL-13 | ECE | TV | OCO | 93 |  115,314  |
| P00268760-1 | 3/1/2016 | 3:10:33 PM | CHI-13 | ECD | TV | OCO | 33 |  27,685  |
| P00269128-1 | 3/1/2016 | 3:11:48 PM | PMA-16 | ECE | TV | OCO | 838 |  197,950  |
| P00268899-1 | 3/1/2016 | 3:13:58 PM | VAS-12 | EBL | TV | OCO | 569 |  96,256  |
| P00269630-1 | 3/1/2016 | 3:14:24 PM | KAP-13 | ECA | TV | OCR | 20 |  23,675  |
| P00268877-1 | 3/1/2016 | 3:14:51 PM | MUR-13 | ECE | TV | OCO | 120 |  74,432  |
| P00268920-1 | 3/1/2016 | 3:17:00 PM | RAI-14 | ECC | TV | OFU | 15 |  2,397  |
| P00268922-1 | 3/1/2016 | 3:17:36 PM | VAS-12 | EBL | TV | OCO | 101 |  23,686  |
| P00268972-1 | 3/1/2016 | 3:17:54 PM | SHE-15 | ECE | TV | OCO | - |  28,194  |
| 11234967 | 3/1/2016 | 3:18:00 PM | NBO-23 | EBD | TV | OCO | 1 |  97  |
| P00268947-1 | 3/1/2016 | 3:19:00 PM | SHE-25 | ECE | TV | OSV | 3 |  3,652  |
| P00268954-1 | 3/1/2016 | 3:20:00 PM | MCW-17 | ECE | TV | OCO | 2 |  2,639  |
| P00268953-1 | 3/1/2016 | 3:20:02 PM | VIC-16 | EBJ | EF | USV | 1 |  512  |
| P00268961-1 | 3/1/2016 | 3:20:46 PM | MHT-13 | EBJ | TV | OSV | 1 |  155  |
| P00270069-1 | 3/1/2016 | 3:21:49 PM | SHE-15 | ECE | TV | OCO | 751 |  473,739  |
| P00269231-1 | 3/1/2016 | 3:23:28 PM | FRA-12 | ECD | TV | OCO | 11 |  15,054  |
| P00268990-1 | 3/1/2016 | 3:24:31 PM | RPT-15 | ECD | TV | OSV | 5 |  8,287  |
| P00269011-1 | 3/1/2016 | 3:24:40 PM | MCW-15 | ECE | TV | OCO | 128 |  122,483  |
| P00269707-1 | 3/1/2016 | 3:26:17 PM | FRA-13 | ECD | TV | OCO | 170 |  126,205  |
| P00269007-1 | 3/1/2016 | 3:26:51 PM | MVW-13 | EBJ | EF | OFC | 4 |  429  |
| P00269218-1 | 3/1/2016 | 3:27:00 PM | AVO-24 | EBD | TV | OPO | 73 |  70,457  |
| P00267398-2 | 3/1/2016 | 3:28:28 PM | WLK-13 | ECA | TV | OIN | 256 |  12,085  |
| P00269036-1 | 3/1/2016 | 3:30:24 PM | KNM-27 | EBD | EF | OSV | 5 |  894  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00269043-1 | 3/1/2016 | 3:30:57 PM | ELD-23 | ECC | TV | OCO | 1 |  219  |
| P00269122-1 | 3/1/2016 | 3:32:00 PM | SWD-13 | ECE | TV | OCO | 96 |  77,969  |
| P00269049-1 | 3/1/2016 | 3:32:00 PM | HEM-13 | ECA | TV | OCO | 11 |  5,452  |
| P00269059-1 | 3/1/2016 | 3:33:01 PM | LYO-12 | EBJ | TV | OFU | 40 |  6,443  |
| P00269062-1 | 3/1/2016 | 3:33:22 PM | FLD-12 | EAD | TV | OCO | 83 |  14,207  |
| P00269066-1 | 3/1/2016 | 3:33:35 PM | VAS-13 | EBL | TV | OCO | 1 |  334  |
| P00269071-1 | 3/1/2016 | 3:35:00 PM | MWD-13 | EBE | TV | OCO | 11 |  4,199  |
| P00269076-1 | 3/1/2016 | 3:36:59 PM | DUT-14 | ECA | TV | OCO | 1,670 |  272,572  |
| P00269159-1 | 3/1/2016 | 3:38:37 PM | MIL-17 | ECE | TV | OCO | 37 |  33,656  |
| P00269188-1 | 3/1/2016 | 3:40:00 PM | MIL-17 | ECE | TV | OCO | 1,481 |  203,714  |
| P00269092-1 | 3/1/2016 | 3:40:18 PM | TOL-15 | EBD | TV | OSV | 3 |  696  |
| P00269661-1 | 3/1/2016 | 3:42:05 PM | SWD-14 | ECE | TV | OCO | 28 |  25,764  |
| P00269105-1 | 3/1/2016 | 3:43:39 PM | BAS-13 | EBJ | UN | OFU | 1 |  204  |
| P00269121-1 | 3/1/2016 | 3:48:57 PM | EGT-28 | EBE | TV | OFU | 31 |  4,537  |
| P00269441-1 | 3/1/2016 | 3:56:39 PM | MUR-16 | ECE | TV | OCO | 603 |  155,453  |
| P00269175-1 | 3/1/2016 | 3:59:13 PM | SME-12 | EBE | TV | OFU | 24 |  2,682  |
| P00269497-1 | 3/1/2016 | 4:02:53 PM | PMA-15 | ECE | TV | OCO | 21 |  18,668  |
| P00269183-1 | 3/1/2016 | 4:02:58 PM | SWD-12 | ECE | TV | OCO | 82 |  5,733  |
| P00269229-1 | 3/1/2016 | 4:03:52 PM | MUR-13 | ECE | TV | OCO | 28 |  17,977  |
| P00269192-1 | 3/1/2016 | 4:04:29 PM | PRI-13 | ECC | TV | OSV | 1 |  266  |
| P00270021-1 | 3/1/2016 | 4:07:00 PM | SKE-26 | ECE | TV | OCO | 41 |  44,688  |
| P00269225-1 | 3/1/2016 | 4:12:00 PM | HIG-16 | EBE | TV | OCO | 15 |  11,241  |
| P00269247-1 | 3/1/2016 | 4:17:46 PM | MIL-23 | ECE | TV | OCO | 7 |  5,019  |
| P00269401-1 | 3/1/2016 | 4:18:05 PM | GBK-15 | EAD | TV | OCO | 36 |  10,504  |
| P00269251-1 | 3/1/2016 | 4:18:30 PM | FLD-13 | EAD | TV | OCO | 14 |  8,357  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00269433-1 | 3/1/2016 | 4:19:00 PM | MIL-23 | ECE | TV | OCO | 18 |  37,267  |
| P00269268-1 | 3/1/2016 | 4:24:00 PM | BTR-14 | EBE | LI | OTR | 19 |  8,847  |
| P00269271-1 | 3/1/2016 | 4:25:00 PM | NRU-23 | EBE | TV | OCO | 4 |  1,632  |
| P00269270-1 | 3/1/2016 | 4:25:00 PM | MHT-13 | EBJ | TV | OCO | 2 |  1,265  |
| P00269279-1 | 3/1/2016 | 4:28:00 PM | CHR-23 | ECE | TV | OCO | 446 |  662,813  |
| P00269279-3 | 3/1/2016 | 4:28:00 PM | CHR-23 | ECE | TV | OCO | 446 |  663,214  |
| P00269496-1 | 3/1/2016 | 4:28:11 PM | BLU-13 | ECC | UN | OFU | 199 |  24,706  |
| P00269281-1 | 3/1/2016 | 4:29:39 PM | PGA-16 | ECE | TV | OCO | 65 |  56,117  |
| P00269500-1 | 3/1/2016 | 4:32:14 PM | PGA-13 | ECE | TV | OCO | 188 |  161,736  |
| P00269346-1 | 3/1/2016 | 4:34:00 PM | PET-16 | EAC | OD | OJU | 1 |  244  |
| P00269379-1 | 3/1/2016 | 4:38:17 PM | BLU-17 | ECC | TV | OTF | 3 |  196  |
| P00269450-1 | 3/1/2016 | 4:48:00 PM | KNM-25 | EBD | UN | OCO | 115 |  57,306  |
| P00269439-1 | 3/1/2016 | 4:49:05 PM | LAT-17 | EBJ | TV | OFU | 121 |  11,578  |
| P00269459-1 | 3/1/2016 | 4:53:00 PM | MER-13 | EBE | TV | OCO | 5 |  1,187  |
| P00269460-1 | 3/1/2016 | 4:53:49 PM | NNO-15 | EBJ | UN | OFU | 82 |  14,114  |
| P00269468-1 | 3/1/2016 | 4:55:21 PM | NNO-15 | EBJ | OD | OFU | 27 |  4,142  |
| P00269476-1 | 3/1/2016 | 4:56:16 PM | BHL-12 | ECE | TV | OTF | 2 |  2,872  |
| P00270478-1 | 3/1/2016 | 5:00:26 PM | MCW-17 | ECE | TV | OFU | 11 |  4,999  |
| P00269488-1 | 3/1/2016 | 5:00:26 PM | MCW-17 | ECE | TV | OCO | - |  10,428  |
| P00269507-1 | 3/1/2016 | 5:06:06 PM | MUR-13 | ECE | TV | OCO | 27 |  12,447  |
| P00269510-1 | 3/1/2016 | 5:06:24 PM | PMA-12 | ECE | TV | OSV | 2 |  3,401  |
| P00260978-3 | 3/1/2016 | 5:07:07 PM | OSC-23 | EBI | CP | OPO | 120 |  402  |
| P00269513-1 | 3/1/2016 | 5:08:00 PM | FRA-16 | ECD | TV | OCO | 9 |  16,272  |
| P00269588-1 | 3/1/2016 | 5:08:10 PM | EGT-12 | EBE | TV | OCO | 3,448 |  588,746  |
| P00269541-1 | 3/1/2016 | 5:10:41 PM | CEK-14 | ECE | TV | OCO | 8 |  241  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00269617-1 | 3/1/2016 | 5:16:00 PM | KWH-25 | EBE | TV | OCO | 11 |  3,962  |
| P00267481-2 | 3/1/2016 | 5:16:28 PM | TLN-0042 | EBI | TV | OCO | - |  52,639  |
| P00269612-1 | 3/1/2016 | 5:18:32 PM | FNW-17 | ECD | TV | OCO | 19 |  21,137  |
| P00269616-1 | 3/1/2016 | 5:19:00 PM | GRI-15 | ECC | TV | OCO | 83 |  56,006  |
| P00269619-1 | 3/1/2016 | 5:20:31 PM | SME-15 | EBE | EF | OIN | 59 |  7,645  |
| P00269623-1 | 3/1/2016 | 5:22:17 PM | FRA-16 | ECD | TV | OCO | 2 |  1,867.00  |
| P00269877-1 | 3/1/2016 | 5:23:14 PM | BRS-13 | EAC | TV | OFU | 79 |  15,525  |
| P00269639-1 | 3/1/2016 | 5:25:00 PM | SAH-13 | EBD | UN | OCO | 1,644 |  154,893  |
| P00269649-1 | 3/1/2016 | 5:31:16 PM | BRS-13 | EAC | TV | OFU | 60 |  11,358  |
| P00269660-1 | 3/1/2016 | 5:33:39 PM | PRI-13 | ECC | TV | OFU | 58 |  8,754  |
| P00269663-1 | 3/1/2016 | 5:34:15 PM | JUA-25 | EBD | TV | UTC | 31 |  11,613  |
| P00269670-1 | 3/1/2016 | 5:37:19 PM | EDG-13 | ECA | EF | OFU | 4 |  1,447  |
| P00269673-1 | 3/1/2016 | 5:38:00 PM | SIN-25 | ECD | TV | OCO | 8 |  7,609  |
| P00269680-1 | 3/1/2016 | 5:40:07 PM | LAT-17 | EBJ | TV | OTF | 9 |  257  |
| P00269764-1 | 3/1/2016 | 5:40:52 PM | LOL-21 | ECD | TV | OCO | 135 |  89,503  |
| P00269824-1 | 3/1/2016 | 5:46:50 PM | CEK-14 | ECE | TV | OCO | - |  239,900  |
| P00269700-1 | 3/1/2016 | 5:49:52 PM | SWI-21 | ECC | EF | OFC | 6 |  814  |
| P00269701-1 | 3/1/2016 | 5:50:07 PM | CAM-25 | EBJ | EF | USC | 1 |  273  |
| P00269728-1 | 3/1/2016 | 5:55:02 PM | LAT-17 | EBJ | TV | OCO | 82 |  2,661  |
| P00269723-1 | 3/1/2016 | 6:00:06 PM | PMA-13 | ECE | TV | OTF | 2 |  1,942  |
| P00269727-1 | 3/1/2016 | 6:01:24 PM | HAW-12 | ECC | EF | USC | 1 |  297  |
| P00269733-1 | 3/1/2016 | 6:07:00 PM | SIN-25 | ECD | TV | OCO | 2 |  2,941  |
| P00269740-1 | 3/1/2016 | 6:09:59 PM | LON-22 | ECC | TV | OTF | 2 |  507  |
| P00269813-1 | 3/1/2016 | 6:11:06 PM | BDI-15 | EBI | TV | OCO | 153 |  29,709  |
| P00267523-2 | 3/1/2016 | 6:18:01 PM | ORT-22 | ECA | TV | OCO | - |  107  |
| P00269766-1 | 3/1/2016 | 6:25:00 PM | GRV-12 | ECA | TV | OCO | 885 |  105,168  |
| P00269769-1 | 3/1/2016 | 6:27:18 PM | FRA-15 | ECD | TV | OCO | 22 |  21,798  |
| P00269794-1 | 3/1/2016 | 6:31:00 PM | SKE-22 | ECE | TV | OCO | 77 |  62,319  |
| P00269777-1 | 3/1/2016 | 6:32:00 PM | VAS-13 | EBL | TV | OCO | 8 |  6,251  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00269782-1 | 3/1/2016 | 6:34:01 PM | SWD-13 | ECE | TV | OCO | 49 |  27,901  |
| P00269798-1 | 3/1/2016 | 6:42:00 PM | MIL-23 | ECE | TV | OCO | 11 |  11,997  |
| P00269796-1 | 3/1/2016 | 6:42:08 PM | WOO-26 | ECA | TV | OSV | 1 |  236  |
| P00269799-1 | 3/1/2016 | 6:43:00 PM | POU-15 | ECE | TV | OCO | 43 |  73,071  |
| P00270064-1 | 3/1/2016 | 6:43:23 PM | SKE-22 | ECE | TV | OCO | 20 |  25,220  |
| P00267558-2 | 3/1/2016 | 6:45:11 PM | HOB-15 | EBI | TV | OCO | 63 |  32,108  |
| P00270628-1 | 3/1/2016 | 7:00:12 PM | CHI-16 | ECD | UN | OCO | 74 |  153,660  |
| P00269836-1 | 3/1/2016 | 7:01:00 PM | CHI-16 | ECD | TV | OCO | 131 |  312,912  |
| P00269858-1 | 3/1/2016 | 7:10:00 PM | POU-15 | ECE | TV | OCO | 62 |  60,015  |
| P00269959-1 | 3/1/2016 | 7:12:55 PM | FLD-13 | EAD | TV | OFU | 34 |  3,293  |
| P00268683-2 | 3/1/2016 | 7:20:47 PM | MIR-17 | EBF | TV | OCR | 98 |  12,063  |
| P00270007-1 | 3/1/2016 | 7:21:07 PM | WAB-13 | EBI | TV | OFU | 59 |  8,810  |
| P00269866-1 | 3/1/2016 | 7:21:16 PM | PMA-16 | ECE | TV | OSV | 1 |  1,567  |
| P00269871-1 | 3/1/2016 | 7:25:31 PM | FNW-17 | ECD | UN | UTC | 4 |  5,035  |
| P00269892-1 | 3/1/2016 | 7:37:00 PM | CEK-16 | ECE | TV | OCO | 1,466 |  155,850  |
| P00269900-1 | 3/1/2016 | 7:44:20 PM | NBO-26 | EBD | TV | OCO | 37 |  496  |
| P00269904-1 | 3/1/2016 | 7:47:31 PM | TOL-17 | EBD | TV | OSV | 1 |  121  |
| P00269907-1 | 3/1/2016 | 7:49:00 PM | LGY-16 | EAD | TV | OCO | 8 |  2,958  |
| P00269911-1 | 3/1/2016 | 7:51:00 PM | KAP-16 | ECA | EF | OTR | 3 |  2,157  |
| P00269909-1 | 3/1/2016 | 7:51:34 PM | HOB-15 | EBI | TV | OHR | 84 |  8,910  |
| P00269920-1 | 3/1/2016 | 8:02:00 PM | FRA-16 | ECD | TV | OCO | 1 |  868  |
| P00269925-1 | 3/1/2016 | 8:07:00 PM | LOL-21 | ECD | TV | OCO | 55 |  40,185  |
| P00269967-1 | 3/1/2016 | 8:10:00 PM | WAB-13 | EBI | TV | OFU | 10 |  5,133  |
| P00269931-1 | 3/1/2016 | 8:10:42 PM | MAN-15 | ECD | TV | OCO | 5 |  5,836  |
| P00269946-1 | 3/1/2016 | 8:19:26 PM | VWY-15 | EAA | EF | OFC | 1 |  101  |
| P00269963-1 | 3/1/2016 | 8:40:00 PM | PRI-13 | ECC | EF | OCO | 58 |  27,594  |
| P00269974-1 | 3/1/2016 | 8:46:02 PM | OSC-23 | EBI | TV | OFU | 4 |  236  |
| P00269975-1 | 3/1/2016 | 8:47:06 PM | SWA-16 | EAD | EF | UPC | 57 |  8,334  |
| P00269981-1 | 3/1/2016 | 8:50:00 PM | VIT-23 | EBD | EF | UTR | 7 |  5,386  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00269982-1 | 3/1/2016 | 8:51:28 PM | SWD-12 | ECE | TV | OCO | 8 |  4,425  |
| P00269984-1 | 3/1/2016 | 8:52:47 PM | BHL-15 | ECE | TV | OCO | 1 |  26  |
| P00269986-1 | 3/1/2016 | 8:58:40 PM | WIN-12 | ECE | TV | OCO | 20 |  19,055  |
| P00269995-1 | 3/1/2016 | 9:14:17 PM | LOL-25 | ECD | TV | OCO | 4 |  3,911  |
| P00269813-2 | 3/1/2016 | 9:43:00 PM | BDI-15 | EBI | TV | OCO | 153 |  54,532  |
| P00270483-1 | 3/1/2016 | 9:48:00 PM | SIL-15 | ECE | TV | OCO | 51 |  44,226  |
| P00270014-1 | 3/1/2016 | 9:51:59 PM | LGY-15 | EAD | TV | OAR | 12 |  2,147  |
| P00267432-2 | 3/1/2016 | 9:52:30 PM | PAT-15 | ECC | TV | OCO | 1 |  347  |
| P00270015-1 | 3/1/2016 | 9:54:03 PM | VWY-15 | EAA | TV | OTF | 1 |  85  |
| P00270017-1 | 3/1/2016 | 9:55:00 PM | SIL-15 | ECE | TV | OCO | 245 |  208,142  |
| P00270017-3 | 3/1/2016 | 9:55:00 PM | SIL-15 | ECE | TV | OCO | 245 |  208,192  |
| P00270032-1 | 3/1/2016 | 10:35:26 PM | FNW-15 | ECD | TV | OCO | 13 |  10,310  |
| P00269483-1 | 3/1/2016 | 10:40:00 PM | PAT-15 | ECC | TV | OSV | 2 |  478  |
| P00270033-1 | 3/1/2016 | 10:40:50 PM | WIN-13 | ECE | TV | OCO | 1,239 |  116,673  |
| P00270034-1 | 3/1/2016 | 10:59:00 PM | 42721 | ECC | EF | OCO | 3 |  1,565  |
| P00269647-1 | 3/1/2016 | 11:01:13 PM | HAZ-15 | EBE | TV | OSV | 1 |  210  |
| P00270037-1 | 3/1/2016 | 11:11:42 PM | BDI-15 | EBI | TV | OCO | 1 |  268  |
| P00270038-1 | 3/1/2016 | 11:12:18 PM | CUM-15 | EBI | TV | SCB | 606 |  30,322  |

### **Terms, Codes and Definitions Used on Detail Reports**

|  |  |
| --- | --- |
| Notification (NUMBER)  | A number assigned by SAP, identifying the outage record |
| **Date (DATE)** | The date of the outage |
| **Time (TIME)** | The time of the outage |
| **Circuit (CKT)** | The circuit identifier for the affected circuit |
| **Area (MPG)** | **Maintenance Planner Group** A code representing the energy, region and service center |
| EAA – Bellingham | EBJ – South King |
| EAC – Skagit | EBL – Vashon |
| EAD – Whidbey | ECA – Puyallup |
| EBD – Redmond | ECC – Olympia |
| EBE – Factoria | ECD – Port Orchard |
| EBF – Snoqualmie | ECE – Poulsbo |
| EBI – Enumclaw |  |
| **Cause (CAZ)** | **Cause of Outage** |
| AO – Accident Other | EF – Equipment Failure |
| BA – Bird or Animal | EO – Electrical Overload |
| CP – Car Pole | FI – Faulty Installation |
| CR – Customer Request | TF – Tree Off Right-of-Way |
| DU – Dig-up Underground | TO – Tree On Right-of-Way |
| TV – Trees/Vegetation | SO – Scheduled Outage |
| UN – Unknown |  |
| Equipment (EQT)  | **Affected by, or involved in the outage** |
| OCN – Connector | OSW – Overhead Switch |
| OCO – Overhead Conductor | OTF – Overhead Transformer Fuse |
| OCR – Crossarm | OTR – Overhead Transformer |
| OFC – Overhead Cut-out | OUP – OH to UG Primary |
| OFS – Overhead Fire Signal | OUS – OH to UG Secondary Service |
| OFU – Fuse Link/OH Line Fuse | SBF – High-side Bank Fuse |
| OGS – Span Guy | SCB – Power Circuit Breaker |
| OHR – Overhead Recloser | UOT – Underground Outdoor Term |
| OIN – Insulator | UPC – Underground Primary Cable |
| OJU- Jump Wire | UPT – Padmount Transformer |
| OPI – Overhead Pin Insulator | USV – Underground Service |
| OPO – Pole | UTC – Underground Terminal Fuse |
| OSV – Overhead Service | UTR – Submersible Transformer |
| ORE – Regulator |  |
| **CUST OUT (CUST.OUT)** | **Customer Out,** The number of customers without power for any given outage record |
| **CUST MIN (CUST. MIN)** | **Customer Minutes,** The total number of minutes customers were without power for any given record |

# **Media & Communication Coverage**



**75,000 customers without power in western Washington storm**

Originally published March 1, 2016 at 4:09 pm Updated March 1, 2016 at 9:11 pm

*The Associated Press*

SEATTLE (AP) — Officials say more than 75,000 customers around western Washington were without power and flights were grounded briefly at the Seattle-Tacoma International Airport due to blustery, rainy weather.

The National Weather Service in Seattle had issued a wind advisory for western Washington and surrounding areas until 9 p.m. Tuesday. Wind gusts around 60 mph were reported in some areas.

Puget Sound Energy reported about 60,000 customers without power at 6 p.m. Tuesday. In their coverage area, they say Kitsap County sustained the most damage. Fire officials in the town of Poulsbo, in Kitsap County, say a woman was taken to a hospital with serious injuries and the rest of her family was displaced after a tree slammed into their home.

Seattle City Light reported nearly 4,000 customers affected by outages. Snohomish County Public Utility District said about 15,000 customers lacked power.

1. IEEE: Institute of Electrical and Electronics Engineers [↑](#footnote-ref-1)
2. SAIDI: System Average Interruption Duration Index [↑](#footnote-ref-2)
3. O&M: Operations and Maintenance

(r): Revised [↑](#footnote-ref-3)