

2014

Qualifying Events Report

November 11, 2014 Event

Filed on Febuary 11, 2015

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# **Event Description**

### **Event Date and Time**

November 11, 2014, 07:00 – November 15, 2014, 22:00

### **Event Type**

Wind

### **Service Areas Significantly Affected**

 South King, Pierce County, and Vashon Island

### **Number of Customers Affected**

System wide, approximately 231,791 customers were without power during the course of this event.

### **Summary of System Impacts**

|  |  |
| --- | --- |
| **Total Number of Outages** | **533** |
| Distribution Circuits Totally Out | 22 |
| Distribution Circuits Partially Out | 511 |

|  |  |
| --- | --- |
| Transmission Circuits Affected | 12 |
| Substations Offline | 9 |

### **Mobilization Summary**

####  Operating Bases Placed In Emergency Status

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Base** | **Date Opened** | **Time Opened** | **Date Closed** | **Time Closed** |
| Whatcom/Skagit/Island | n/a | n/a | n/a | n/a |
| North King | n/a | n/a | n/a | n/a |
| South King | 11/11/2014 | 08:45 | 11/14/2014 | 15:30 |
| Pierce | 11/11/2014 | 09:45 | 11/13/2014 | 21:00 |
| Thurston | n/a | n/a | n/a | n/a |
| Kitsap | n/a | n/a | n/a | n/a |
| Vashon | 11/11/2014 | 18:00 | 11/12/2014 | 19:00 |
| Kittitas | n/a | n/a | n/a | n/a |

####  Emergency Coordination Center (ECC)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ECC** | **Date Opened** | **Time Opened** | **Date Closed** | **Time Closed** |
|  | 11/11/2014 | 13:00 | 11/14/2014 | 15:30 |

### **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)**1. A threshold on daily SAIDI[[2]](#footnote-2) is computed once a year, following year end
2. Assemble the 5 most recent years of historical values of SAIDI/day
3. Discard any days in the data set that has a SAIDI/day of zero
4. Find the natural logarithm of each value in the data set
5. Compute the average (Alpha) and the standard deviation (Beta) of the natural logarithms computed in step 4
6. Compute the threshold TMED where TMED = exp (Alpha + 2.5 \* Beta)
7. Any day in the next year with SAIDI > Tmed is a major event day
 |
| **Puget Sound Energy’s IEEE Major Event Threshold (TMED ) for 2014: 5.6 Minutes** |

# **Qualified Events - 2014**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Event Date, Time Range** | **Total Customer Minutes** | **Average Customer Count** | **Event SAIDI**(Customer Minutes /Customer Count) |
| 11/11/2014, 07:00 – 11/15,22:00 | 95,723,283 | 1,106,880 | 86.4803 |

### **List of the first day that daily SAIDI exceeded PSE’s TMED of 5.6 Minutes by qualifying event**

|  |  |  |
| --- | --- | --- |
| **Date** | **Daily SAIDI****(from midnight to midnight)** | **O&M[[3]](#footnote-3) Costs– Deferrable** **Accumulation** |
| 1-11-2014 | 41.6 (r) | $ 4,446,568 (r) |
| 2-12-2014 | 9.0 | $ 595,642 |
| 2-23-2014 | 8.4 (r) | $ 1,287,276 |
| 10-25-2014 | 93.38 | $ 1,670,514 (r) |
| 11-11-2014 | 86.48 | $ 0 |

# **Event Restoration – Cost Summary**

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Event Date Range | Qualified Events Deferred Account | Capital Costs | O&M Costs – Not Deferrable | O&M Costs –DeferrableAccumulation | Total O&M Costs | Total |
| 1/11-12//2014 |  |  $ 472,000  |  $ 358,555  |  $ 4,446,568 (r)  |  $ 4,805,123 (r) |  $ 5,277,123 (r) |
| 2/12-13/2014 |  |  $ 65,959  |  $ 44,121  |  $ 595,642  |  $ 639,763  |  $ 705,722  |
| 2/23-25/2014 |  |  $ 86,871  |  $ 97,208  |  $ 1,287,276  |  $ 1,384,484  |  $ 1,471,355  |
| 10/25-28/2014 |  $ 2,333,398 (r)  |  $ 329,739  |  $ 263,3146  |  $ 1,670,514 (r) |  $ 1,933,828 (r) |  $ 4,596,965 (r) |
| 11/11-15/2014 |  $ 7,584,004  |  $ 681,398  |  $ 309,030  |  $ 0 |  $ 309,030  |  $ 8,574,433  |

(r) Revised

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Qualifying Events Deferred Account | Capital | O&M - Not Deferrable | O&M - Deferrable Accumulation | Total O&M | Total |
| $ 9,917,402 | $ 1,635,967 | $ 1,072,228 | $ 8,000,000 | $ 9,072,229 | $ 20,625,598 |

# **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** **Starting on November 11, 2014, the First TMED-Exceeding Day of the Current Event**

| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P00127174-1 | 11/11/2014 | 12:40:54 AM | VIS-22 | EAA | EF | USV | 2 | 250 |
| P00127176-1 | 11/11/2014 | 12:54:17 AM | KCR-17 | EBJ | EF | USV | 3 | 519 |
| P00127178-1 | 11/11/2014 | 2:39:06 AM | PTR-16 | EAA | UN | OFU | 189 | 26,205 |
| P00127182-1 | 11/11/2014 | 5:30:00 AM | DGR-15 | ECA | TV | CDH | 74 | 6,545 |
| P00127183-1 | 11/11/2014 | 5:30:57 AM | CED-17 | ECA | TV | OCO | 716 | 101,018 |
| P00127187-1 | 11/11/2014 | 5:45:00 AM | MCW-17 | ECE | EF | UPC | 27 | 10,773 |
| P00127190-1 | 11/11/2014 | 6:07:00 AM | ENU-17 | EBI | EO | OJU | 718 | 185,561 |
| P00127202-1 | 11/11/2014 | 6:20:00 AM | CUM-15 | EBI | TV | OCO | 10 | 1,728 |
| P00127210-1 | 11/11/2014 | 6:30:00 AM | PRE-11 | EBE | EF | UPT | 3 | 2,493 |
| P00127213-1 | 11/11/2014 | 6:44:17 AM | BUC-16 | ECA | OD | OHR | 443 | 38,652 |
| P00127220-1 | 11/11/2014 | 6:47:00 AM | OSC-25 | EBI | TV | OCO | 4 | 14,536 |
| P00127229-1 | 11/11/2014 | 6:54:00 AM | NLM-16 | EAC | EF | OTR | 1 | 266 |
| P00127233-1 | 11/11/2014 | 6:59:16 AM | SOO-25 | EBI | TV | OFU | 22 | 85,342 |
| P00127234-1 | 11/11/2014 | 7:01:00 AM | CAM-23 | EBJ | TV | OCO | 4 | 2,175 |
| P00127237-1 | 11/11/2014 | 7:04:00 AM | SEQ-22 | EBJ | TV | OCO | 266 | 142,549 |
| P00127238-1 | 11/11/2014 | 7:05:00 AM | DGR-15 | ECA | TV | OCO | 85 | 6,913 |
| P00127239-1 | 11/11/2014 | 7:06:17 AM | DGR-13 | ECA | TV | OTF | 2 | 1,816 |
| P00127244-1 | 11/11/2014 | 7:18:57 AM | CUM-15 | EBI | TV | OCO | 591 | 15,533 |
| P00127251-1 | 11/11/2014 | 7:24:00 AM | SOO-23 | EBI | TV | OCO | 95 | 15,309 |
| P00127249-1 | 11/11/2014 | 7:26:00 AM | HOB-17 | EBI | TV | OCO | 28 | 11,680 |
| P00127250-1 | 11/11/2014 | 7:26:36 AM | BUC-16 | ECA | TV | OCO | 4 | 384 |
| P00127255-1 | 11/11/2014 | 7:28:00 AM | DGR-13 | ECA | TV | OCO | 84 | 72,011 |
| P00127258-1 | 11/11/2014 | 7:29:47 AM | EGT-12 | EBE | TV | OTF | 3 | 407 |
| P00127625-1 | 11/11/2014 | 7:39:00 AM | CED-17 | ECA | TV | OCO | 499 | 132,355 |
| P00127267-1 | 11/11/2014 | 7:46:00 AM | BDI-13 | EBI | TV | OCO | 167 | 302,474 |
| P00127276-1 | 11/11/2014 | 7:49:00 AM | DGR-15 | ECA | TV | OTR | 6 | 54,627 |
| P00129804-1 | 11/11/2014 | 7:49:59 AM | PEA-15 | EBJ | TV | OCO | 1,396 | 2,641,368 |
| P00127290-1 | 11/11/2014 | 7:50:00 AM | CUM-15 | EBI | TV | OCO | 58 | 59,329 |
| P00127285-1 | 11/11/2014 | 7:52:38 AM | SLA-15 | EAA | TV | OTF | 7 | 1,066 |
| P00127297-1 | 11/11/2014 | 8:06:45 AM | LMD-16 | EBJ | TV | OFU | 42 | 33,499 |
| P00127298-1 | 11/11/2014 | 8:06:47 AM | EDG-13 | ECA | TV | OCO | 0 | 15,680 |
| P00127299-1 | 11/11/2014 | 8:08:00 AM | STA-16 | EBJ | TV | OCO | 62 | 22,806 |
| P00130326-1 | 11/11/2014 | 8:08:40 AM | GLC-14 | EBJ | TV | OTF | 4 | 3,585 |
| P00127304-1 | 11/11/2014 | 8:09:00 AM | CAM-25 | EBJ | TV | OPO | 3,838 | 1,117,031 |
| P00127301-1 | 11/11/2014 | 8:09:00 AM | LUH-17 | ECC | EF | OCO | 487 | 243,971 |
| P00127413-1 | 11/11/2014 | 8:12:00 AM | TLN-0140 | EBJ | TV | OCO | 5,123 | 50,292 |
| P00127300-1 | 11/11/2014 | 8:16:09 AM | GLC-14 | EBJ | TV | OFU | 21 | 18,502 |
| P00127362-1 | 11/11/2014 | 8:16:11 AM | SEQ-22 | EBJ | TV | UOT | 30 | 105,364 |
| P00127378-1 | 11/11/2014 | 8:17:22 AM | STA-16 | EBJ | TV | OCO | 3 | 1,160 |
| P00127416-1 | 11/11/2014 | 8:20:00 AM | EDG-13 | ECA | TV | OCO | 125 | 44,515 |
| P00127492-1 | 11/11/2014 | 8:21:00 AM | LTA-18 | ECA | TV | OPO | 1,283 | 558,261 |
| P00127430-1 | 11/11/2014 | 8:21:53 AM | SMR-26 | ECA | TV | OCO | 602 | 85,725 |
| P00127584-1 | 11/11/2014 | 8:25:00 AM | DGR-15 | ECA | TV | OCO | 211 | 138,582 |
| P00127679-1 | 11/11/2014 | 8:25:18 AM | EDG-13 | ECA | TV | OCO | 46 | 5,328 |
| P00127456-1 | 11/11/2014 | 8:29:17 AM | FLD-15 | EAD | EO | OFC | 120 | 13,758 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00127476-1 | 11/11/2014 | 8:35:11 AM | VAS-23 | EBL | TV | OCO | 1 | 34 |
| P00127268-1 | 11/11/2014 | 8:35:27 AM | DGR-15 | ECA | TV | OCO | 0 | 2,500 |
| P00127479-1 | 11/11/2014 | 8:36:37 AM | DGR-15 | ECA | TV | OTF | 4 | 213 |
| P00127486-1 | 11/11/2014 | 8:40:49 AM | MIR-26 | EBF | TV | OCO | 1 | 97 |
| P00127491-1 | 11/11/2014 | 8:44:00 AM | HOL-12 | ECA | EF | OTF | 7 | 1,351 |
| P00127504-1 | 11/11/2014 | 8:49:10 AM | CED-15 | ECA | EF | OCE | 1 | 293 |
| P00127506-1 | 11/11/2014 | 8:50:00 AM | FCR-12 | EBI | TV | OFU | 16 | 6,792 |
| P00127564-1 | 11/11/2014 | 8:54:39 AM | BDI-15 | EBI | TV | OFU | 24 | 37,076 |
| P00127517-1 | 11/11/2014 | 8:57:41 AM | BON-17 | ECA | TV | OCO | 1,802 | 219,002 |
| P00127523-1 | 11/11/2014 | 9:03:00 AM | EDG-13 | ECA | TV | OCO | 27 | 15,933 |
| P00127529-1 | 11/11/2014 | 9:05:00 AM | FRA-16 | ECD | UN | OCO | 10 | 3,045 |
| P00127539-1 | 11/11/2014 | 9:05:16 AM | VAS-13 | EBL | TV | OCO | 1,074 | 583,574 |
| 11161280 | 11/11/2014 | 9:07:59 AM | HOB-15 | EBI | TV | OCO | 47 | 30,664 |
| P00127540-1 | 11/11/2014 | 9:08:00 AM | LOL-21 | ECD | UN | OCO | 55 | 25,174 |
| P00127534-1 | 11/11/2014 | 9:09:00 AM | OSC-23 | EBI | TV | OCO | 23 | 15,585 |
| P00127535-1 | 11/11/2014 | 9:09:27 AM | VAS-23 | EBL | TV | OCO | 15 | 1,064 |
| P00127538-1 | 11/11/2014 | 9:11:00 AM | ELD-25 | ECC | EF | OTR | 16 | 3,079 |
| P00127549-1 | 11/11/2014 | 9:16:00 AM | DUV-12 | EBD | TV | OCO | 2,965 | 379,359 |
| P00127551-1 | 11/11/2014 | 9:18:22 AM | BDI-13 | EBI | TV | OHR | 182 | 27,931 |
| P00127558-1 | 11/11/2014 | 9:19:00 AM | OSC-25 | EBI | TV | OCO | 3,672 | 3,822,134 |
| P00127553-1 | 11/11/2014 | 9:19:00 AM | ENU-16 | EBI | TV | OTR | 3 | 6,984 |
| P00127574-1 | 11/11/2014 | 9:21:00 AM | MST-25 | EBJ | UN | OJU | 320 | 81,931 |
| P00127579-1 | 11/11/2014 | 9:22:28 AM | MIR-15 | EBF | TV | OCO | 462 | 54,585 |
| P00127581-1 | 11/11/2014 | 9:23:53 AM | EDG-13 | ECA | EF | OTF | 2 | 724 |
| P00127588-1 | 11/11/2014 | 9:24:00 AM | LAT-16 | EBJ | TV | OCO | 1,217 | 168,088 |
| P00127783-1 | 11/11/2014 | 9:24:54 AM | DGR-15 | ECA | TV | OCO | 877 | 209,543 |
| P00127600-1 | 11/11/2014 | 9:26:00 AM | LTA-17 | ECA | TV | OCR | 1,147 | 322,763 |
| P00130236-1 | 11/11/2014 | 9:27:04 AM | EDG-13 | ECA | TV | OFU | 23 | 18,045 |
| P00127645-1 | 11/11/2014 | 9:32:07 AM | LTA-16 | ECA | TV | OCN | 1 | 840 |
| P00127608-1 | 11/11/2014 | 9:33:00 AM | DUV-15 | EBD | TV | OCO | 4 | 1,396 |
| P00127613-1 | 11/11/2014 | 9:37:18 AM | CUM-15 | EBI | TV | OSV | 1 | 237 |
| P00127620-1 | 11/11/2014 | 9:40:10 AM | STA-16 | EBJ | TV | OTF | 2 | 610 |
| P00127622-1 | 11/11/2014 | 9:41:00 AM | FCR-14 | EBI | TV | OPO | 1 | 539 |
| P00127624-1 | 11/11/2014 | 9:42:28 AM | VAS-13 | EBL | TV | OCO | 204 | 35,863 |
| P00127639-1 | 11/11/2014 | 9:48:00 AM | LWS-13 | EBJ | TV | OCO | 1,113 | 86,517 |
| P00127638-1 | 11/11/2014 | 9:49:16 AM | FCR-13 | EBI | TV | OFU | 104 | 14,865 |
| P00127640-1 | 11/11/2014 | 9:50:10 AM | FWD-16 | EBJ | TV | UTC | 1 | 2,599 |
| P00127675-1 | 11/11/2014 | 9:51:10 AM | KWH-26 | EBE | EF | USV | 1 | 139 |
| P00127643-1 | 11/11/2014 | 9:51:56 AM | BRS-24 | EAC | TV | OFU | 18 | 1,688 |
| P00127683-1 | 11/11/2014 | 9:55:18 AM | VAS-23 | EBL | TV | OCO | 133 | 8,207 |
| P00127654-1 | 11/11/2014 | 9:55:42 AM | CAP-13 | ECC | TV | OCO | 2,054 | 93,411 |
| P00127656-1 | 11/11/2014 | 9:57:00 AM | BCH-15 | EAA | EF | OPO | 21 | 9,046 |
| P00127661-1 | 11/11/2014 | 10:00:04 AM | BON-15 | ECA | EF | OSV | 1 | 225 |
| P00127688-1 | 11/11/2014 | 10:01:38 AM | BON-16 | ECA | EF | OTF | 1 | 214 |
| P00127971-1 | 11/11/2014 | 10:01:49 AM | SHD-18 | EBI | TV | OPO | 97 | 182,994 |
| P00127673-1 | 11/11/2014 | 10:05:08 AM | FNW-17 | ECD | TV | OTR | 3 | 1,343 |
| P00131287-1 | 11/11/2014 | 10:07:37 AM | FWY-12 | EBJ | TV | OCO | 2,596 | 5,535,029 |
| P00131236-1 | 11/11/2014 | 10:07:37 AM | BAS-13 | EBJ | TV | OFU | 136 | 32,247 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00127689-1 | 11/11/2014 | 10:11:37 AM | TAN-16 | ECC | EF | UPC | 99 | 23,882 |
| P00127926-1 | 11/11/2014 | 10:14:00 AM | EPO-15 | ECD | VA | OCO | 210 | 60,225 |
| P00127698-1 | 11/11/2014 | 10:14:31 AM | MWD-13 | EBE | TV | UTC | 10 | 1,554 |
| P00127740-1 | 11/11/2014 | 10:23:48 AM | WOO-26 | ECA | TV | OSV | 2 | 1,534 |
| P00128214-1 | 11/11/2014 | 10:24:26 AM | SHD-01 | EBI | TV | OCO | 6,614 | 4,896,998 |
| P00129696-1 | 11/11/2014 | 10:30:40 AM | CUM-15 | EBI | TV | OCO | 113 | 370,666 |
| P00127782-1 | 11/11/2014 | 10:31:00 AM | SEQ-17 | EBJ | TV | OCO | 3 | 11,079 |
| P00127785-1 | 11/11/2014 | 10:33:14 AM | WLK-13 | ECA | TV | OTF | 6 | 1,775 |
| P00127792-1 | 11/11/2014 | 10:37:36 AM | EDG-16 | ECA | UN | OFU | 33 | 25,434 |
| P00131593-1 | 11/11/2014 | 10:37:38 AM | GWR-16 | EBI | TV | OSW | 48 | 179,558 |
| P00127930-1 | 11/11/2014 | 10:38:00 AM | TLN-0098 | ECD | TV | OCO | 2,599 | 254,740 |
| P00127795-1 | 11/11/2014 | 10:39:52 AM | NNO-12 | EBJ | TV | OTF | 2 | 3,459 |
| P00127853-1 | 11/11/2014 | 10:42:00 AM | EDG-13 | ECA | TV | OCO | 12 | 8,344 |
| P00127838-1 | 11/11/2014 | 10:42:04 AM | FNW-16 | ECD | TV | OCO | 81 | 7,791 |
| 11146222 | 11/11/2014 | 10:45:00 AM | VAS-13 | EBL | TV | OCO | 204 | 22,440 |
| P00127918-1 | 11/11/2014 | 10:45:28 AM | LYO-15 | EBJ | TV | OCO | 24 | 28,929 |
| P00127924-1 | 11/11/2014 | 10:47:34 AM | BCH-15 | EAA | BA | OTF | 1 | 112 |
| P00127931-1 | 11/11/2014 | 10:49:16 AM | DUV-15 | EBD | TV | OTF | 2 | 658 |
| P00128324-1 | 11/11/2014 | 10:51:49 AM | WAB-13 | EBI | TV | OCO | 158 | 67,563 |
| P00127980-1 | 11/11/2014 | 10:56:28 AM | VAS-12 | EBL | TV | OCO | 2 | 2,580 |
| P00127985-1 | 11/11/2014 | 10:56:54 AM | NHL-15 | EBD | TV | OCO | 39 | 2,649 |
| P00127990-1 | 11/11/2014 | 10:57:00 AM | KIT-25 | EBH | EF | OCO | 21 | 4,916 |
| P00128001-1 | 11/11/2014 | 10:58:00 AM | CUM-13 | EBI | TV | OCO | 4 | 13,515 |
| P00128032-1 | 11/11/2014 | 10:58:09 AM | ZEN-26 | EBJ | TV | OFU | 96 | 152,619 |
| P00128035-1 | 11/11/2014 | 11:00:23 AM | ENU-17 | EBI | TV | OCO | 248 | 43,830 |
| P00129205-1 | 11/11/2014 | 11:02:03 AM | BUC-01 | ECA | TV | OCO | 1,065 | 1,509,900 |
| P00129320-1 | 11/11/2014 | 11:02:03 AM | BUC-01 | ECA | TV | OFU | 476 | 139,610 |
| P00128152-1 | 11/11/2014 | 11:07:09 AM | FNW-17 | ECD | TV | OCO | 4 | 1,105 |
| P00128082-1 | 11/11/2014 | 11:12:38 AM | RDO-12 | EBJ | TV | OCO | 1,464 | 303,438 |
| P00128091-1 | 11/11/2014 | 11:14:56 AM | FCR-12 | EBI | TV | OCO | 157 | 72,859 |
| P00130845-1 | 11/11/2014 | 11:15:14 AM | LWS-13 | EBJ | TV | OFU | 204 | 426,969 |
| P00128096-1 | 11/11/2014 | 11:15:44 AM | BUC-26 | ECA | TV | OCO | 9 | 2,497 |
| P00128104-1 | 11/11/2014 | 11:18:13 AM | ROC-16 | ECC | BA | OTF | 1 | 391 |
| P00128110-1 | 11/11/2014 | 11:18:50 AM | SOO-27 | EBI | TV | OCO | 2,030 | 3,738,432 |
| P00128121-1 | 11/11/2014 | 11:24:04 AM | BDI-15 | EBI | TV | OCO | 2 | 3,962 |
| P00128134-1 | 11/11/2014 | 11:24:29 AM | PGA-13 | ECE | TV | OCO | 1,177 | 91,904 |
| P00128126-1 | 11/11/2014 | 11:24:43 AM | LLT-16 | EBD | TV | OJU | 3 | 466 |
| P00128147-1 | 11/11/2014 | 11:28:31 AM | CED-17 | ECA | EF | OTF | 5 | 522 |
| P00128212-1 | 11/11/2014 | 11:33:12 AM | SOO-25 | EBI | TV | OCO | 1,575 | 548,845 |
| P00128168-1 | 11/11/2014 | 11:35:09 AM | SMR-26 | ECA | TV | OSV | 1 | 67 |
| P00132538-1 | 11/11/2014 | 11:39:29 AM | LMD-16 | EBJ | TV | OFU | 150 | 468,793 |
| P00128232-1 | 11/11/2014 | 11:47:00 AM | BDI-13 | EBI | TV | OCO | 1,088 | 221,456 |
| P00128228-1 | 11/11/2014 | 11:47:16 AM | BCH-13 | EAA | EF | OTR | 6 | 1,895 |
| P00128437-1 | 11/11/2014 | 11:52:22 AM | ENU-17 | EBI | TV | OHR | 40 | 4,239 |
| P00128254-1 | 11/11/2014 | 11:57:23 AM | FRA-16 | ECD | TV | OCO | 1,333 | 52,187 |
| P00128260-1 | 11/11/2014 | 11:57:58 AM | NNO-13 | EBJ | TV | OCO | 551 | 201,335 |
| P00128280-1 | 11/11/2014 | 12:02:03 PM | FRA-12 | ECD | TV | OCO | 814 | 55,637 |
| P00128265-1 | 11/11/2014 | 12:02:21 PM | FCH-24 | ECA | TV | OSV | 7 | 4,661 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00128273-1 | 11/11/2014 | 12:04:57 PM | RHO-15 | ECA | TV | OTF | 1 | 667 |
| P00128285-1 | 11/11/2014 | 12:08:14 PM | PIP-22 | EBI | TV | OCO | 10 | 26,814 |
| P00128289-1 | 11/11/2014 | 12:09:00 PM | MSI-24 | EBF | UN | UPC | 11 | 6,490 |
| P00128288-1 | 11/11/2014 | 12:09:21 PM | KEN-12 | EAA | TV | OCO | 12 | 1,986 |
| P00128303-1 | 11/11/2014 | 12:18:00 PM | FCR-12 | EBI | TV | OFU | 36 | 1,627 |
| P00128322-1 | 11/11/2014 | 12:31:32 PM | LYO-12 | EBJ | TV | OCO | 1,220 | 598,492 |
| P00128323-1 | 11/11/2014 | 12:33:00 PM | BUC-16 | ECA | TV | OCO | 2 | 646 |
| P00128383-1 | 11/11/2014 | 12:39:43 PM | TLN-0159 | EBH | EF | OCO | 1,209 | 221,468 |
| P00128396-1 | 11/11/2014 | 12:40:56 PM | LUH-14 | ECC | TV | OHR | 744 | 41,912 |
| P00128339-1 | 11/11/2014 | 12:41:39 PM | HYA-13 | EBF | EF | OCO | 11 | 2,330 |
| P00128368-1 | 11/11/2014 | 12:42:46 PM | LAT-17 | EBJ | TV | OCO | 159 | 37,603 |
| P00129380-1 | 11/11/2014 | 12:44:03 PM | EDG-12 | ECA | TV | OCO | 934 | 1,966,204 |
| P00128389-1 | 11/11/2014 | 12:48:39 PM | CLY-27 | EBE | TV | OTF | 4 | 529 |
| P00128410-1 | 11/11/2014 | 12:57:16 PM | EDG-13 | ECA | TV | OTF | 2 | 1,244 |
| P00128416-1 | 11/11/2014 | 1:00:49 PM | LWS-14 | EBJ | TV | OCO | 1,671 | 113,127 |
| P00128423-1 | 11/11/2014 | 1:07:26 PM | BON-17 | ECA | TV | OTF | 5 | 578 |
| P00128426-1 | 11/11/2014 | 1:08:25 PM | FRU-22 | ECA | TV | OSV | 1 | 9 |
| P00128435-1 | 11/11/2014 | 1:14:11 PM | DGR-15 | ECA | EF | PTF | 9 | 1,204 |
| P00128688-1 | 11/11/2014 | 1:15:00 PM | SKY-25 | EBD | TV | OCO | 383 | 144,177 |
| P00128436-1 | 11/11/2014 | 1:15:37 PM | DGR-16 | ECA | TV | OFU | 10 | 4,499 |
| P00128444-1 | 11/11/2014 | 1:18:00 PM | CED-17 | ECA | TV | OSV | 1 | 519 |
| P00128565-1 | 11/11/2014 | 1:18:50 PM | BDI-13 | EBI | TV | OHR | 182 | 62,232 |
| P00128447-1 | 11/11/2014 | 1:19:00 PM | SKY-23 | EBD | TV | OCO | 19 | 3,926 |
| P00128446-1 | 11/11/2014 | 1:19:29 PM | COT-15 | EBD | TV | OCO | 21 | 1,676 |
| P00128448-1 | 11/11/2014 | 1:20:09 PM | KIN-24 | ECE | TV | OCO | 55 | 5,212 |
| P00128452-1 | 11/11/2014 | 1:23:00 PM | SOO-23 | EBI | TV | OCO | 232 | 58,116 |
| P00128451-1 | 11/11/2014 | 1:23:26 PM | CED-17 | ECA | TV | OTF | 5 | 208 |
| P00128459-1 | 11/11/2014 | 1:28:15 PM | DGR-15 | ECA | TV | OCO | 571 | 12,338 |
| P00128466-1 | 11/11/2014 | 1:36:01 PM | DGR-15 | ECA | EF | UPT | 6 | 600 |
| P00128468-1 | 11/11/2014 | 1:37:22 PM | CWD-24 | EBD | DU | USV | 1 | 144 |
| P00128609-1 | 11/11/2014 | 1:48:00 PM | SOO-25 | EBI | TV | OHR | 693 | 163,813 |
| P00128489-1 | 11/11/2014 | 1:49:39 PM | MVW-13 | EBJ | TV | OCO | 3,113 | 204,213 |
| P00128525-1 | 11/11/2014 | 2:02:00 PM | LUH-14 | ECC | TV | OCO | 30 | 4,959 |
| P00128511-1 | 11/11/2014 | 2:02:44 PM | LTA-17 | ECA | EF | PTF | 5 | 526 |
| P00128514-1 | 11/11/2014 | 2:04:00 PM | BON-17 | ECA | TV | OTR | 4 | 2,541 |
| P00128515-1 | 11/11/2014 | 2:04:45 PM | DGR-15 | ECA | TV | OCO | 1 | 300 |
| P00128521-1 | 11/11/2014 | 2:08:00 PM | AIR-22 | ECC | EF | USV | 1 | 485 |
| P00128526-1 | 11/11/2014 | 2:09:58 PM | EDG-13 | ECA | TV | OCO | 22 | 11,165 |
| P00128528-1 | 11/11/2014 | 2:11:52 PM | BON-13 | ECA | EF | OTF | 5 | 471 |
| P00128530-1 | 11/11/2014 | 2:12:35 PM | LTA-17 | ECA | EF | PTF | 3 | 184 |
| P00128545-1 | 11/11/2014 | 2:12:44 PM | PRI-13 | ECC | TV | OFU | 165 | 19,665 |
| P00128534-1 | 11/11/2014 | 2:14:10 PM | OBY-17 | ECC | UN | OFU | 3 | 285 |
| P00128540-1 | 11/11/2014 | 2:17:34 PM | BAS-13 | EBJ | UN | PTF | 31 | 37,461 |
| P00128555-1 | 11/11/2014 | 2:26:15 PM | EDG-13 | ECA | TV | OCO | 3 | 2,448 |
| P00128641-1 | 11/11/2014 | 2:39:57 PM | ENU-17 | EBI | TV | OFU | 111 | 32,952 |
| P00128621-1 | 11/11/2014 | 2:40:24 PM | SWE-13 | EBJ | TV | OFU | 530 | 104,198 |
| P00130606-1 | 11/11/2014 | 2:44:00 PM | RDO-12 | EBJ | EO | OJU | 1,222 | 902,406 |
| P00128594-1 | 11/11/2014 | 2:45:00 PM | CAM-24 | EBJ | EF | OFU | 1 | 1,500 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00128592-1 | 11/11/2014 | 2:45:18 PM | PGA-12 | ECE | TV | OSV | 2 | 602 |
| P00128603-1 | 11/11/2014 | 2:48:00 PM | OSC-23 | EBI | TV | OCO | 22 | 62,787 |
| P00128606-1 | 11/11/2014 | 2:49:00 PM | DGR-15 | ECA | TV | OCO | 15 | 2,821 |
| P00128619-1 | 11/11/2014 | 2:53:45 PM | PGA-13 | ECE | TV | OSV | 4 | 2,006 |
| P00128326-1 | 11/11/2014 | 2:54:22 PM | VAS-13 | EBL | TV | OCO | 13 | 15,356 |
| P00128639-1 | 11/11/2014 | 3:00:57 PM | LTA-18 | ECA | EF | PTF | 11 | 562 |
| P00128648-1 | 11/11/2014 | 3:05:40 PM | MIR-16 | EBF | TV | OCO | 105 | 30,938 |
| P00128654-1 | 11/11/2014 | 3:09:46 PM | SCH-13 | EAA | EF | OCN | 1 | 74 |
| P00129425-1 | 11/11/2014 | 3:11:00 PM | EDG-16 | ECA | TV | OCO | 1,183 | 981,003 |
| P00128664-1 | 11/11/2014 | 3:11:52 PM | EDG-16 | ECA | TV | OTR | 52 | 156,270 |
| P00128661-1 | 11/11/2014 | 3:13:00 PM | DGR-13 | ECA | TV | OPO | 121 | 35,879 |
| P00128827-1 | 11/11/2014 | 3:14:07 PM | OSC-22 | EBI | UN | OHR | 641 | 118,361 |
| P00128673-1 | 11/11/2014 | 3:17:00 PM | GRI-16 | ECC | TV | OCO | 6 | 2,677 |
| P00131837-1 | 11/11/2014 | 3:23:53 PM | HOB-15 | EBI | EO | OFU | 32 | 65,178 |
| P00128685-1 | 11/11/2014 | 3:24:55 PM | FRA-12 | ECD | TV | OTR | 2 | 152 |
| P00128687-1 | 11/11/2014 | 3:25:58 PM | DUV-15 | EBD | TV | OJU | 4 | 916 |
| P00129362-1 | 11/11/2014 | 3:26:40 PM | ZEN-26 | EBJ | TV | OFU | 5 | 6,625 |
| P00128693-1 | 11/11/2014 | 3:26:56 PM | VAS-12 | EBL | UN | OCO | 88 | 19,383 |
| P00128694-1 | 11/11/2014 | 3:26:58 PM | FRA-13 | ECD | TV | OSV | 1 | 196 |
| P00128714-1 | 11/11/2014 | 3:32:27 PM | LTA-18 | ECA | EF | PTF | 6 | 615 |
| 11146323 | 11/11/2014 | 3:34:00 PM | BHS-14 | EAA | TV | OCO | 6 | 1,584 |
| P00128723-1 | 11/11/2014 | 3:37:03 PM | ELD-23 | ECC | TV | OFU | 11 | 1,434 |
| P00128781-1 | 11/11/2014 | 3:42:26 PM | HOB-15 | EBI | TV | OHR | 474 | 41,412 |
| P00128767-1 | 11/11/2014 | 3:47:00 PM | ELL-14 | EBJ | TV | OCO | 2,078 | 738,032 |
| P00128765-1 | 11/11/2014 | 3:48:00 PM | ZEN-26 | EBJ | TV | OFU | 20 | 26,014 |
| P00128777-1 | 11/11/2014 | 3:52:40 PM | CED-17 | ECA | EF | OTF | 2 | 175 |
| P00131147-1 | 11/11/2014 | 3:53:13 PM | EDG-12 | ECA | TV | OFU | 0 | 160,279 |
| P00128787-1 | 11/11/2014 | 3:58:46 PM | BON-15 | ECA | TV | OCO | 24 | 13,407 |
| P00128788-1 | 11/11/2014 | 3:59:21 PM | BON-17 | ECA | EF | OTF | 3 | 245 |
| 11161311 | 11/11/2014 | 4:02:00 PM | OSC-23 | EBI | TV | OCO | 281 | 169,252 |
| P00129176-1 | 11/11/2014 | 4:02:09 PM | RDO-12 | EBJ | EO | OJU | 153 | 375,277 |
| P00131964-1 | 11/11/2014 | 4:02:44 PM | OSC-23 | EBI | TV | OHR | 1,264 | 1,699,141 |
| P00129470-1 | 11/11/2014 | 4:13:00 PM | WCA-16 | EBJ | TV | OCO | 1,310 | 2,358,221 |
| P00129376-1 | 11/11/2014 | 4:16:54 PM | KCR-16 | EBJ | TV | OCO | 187 | 461,310 |
| P00128830-1 | 11/11/2014 | 4:16:54 PM | KCR-16 | EBJ | TV | OCO | 756 | 1,653,960 |
| P00128846-1 | 11/11/2014 | 4:19:23 PM | LAU-13 | EAA | EO | OTF | 2 | 115 |
| P00128859-1 | 11/11/2014 | 4:21:08 PM | 42351 | ECC | AV | OCO | 543 | 22,164 |
| P00128868-1 | 11/11/2014 | 4:23:35 PM | RPT-15 | ECD | EF | OTR | 5 | 400 |
| P00128875-1 | 11/11/2014 | 4:24:28 PM | MHT-17 | EBJ | TV | OCO | 1,144 | 98,584 |
| P00128885-1 | 11/11/2014 | 4:28:52 PM | CED-17 | ECA | TV | OTF | 5 | 261 |
| P00128891-1 | 11/11/2014 | 4:30:00 PM | LTA-17 | ECA | TV | OCO | 5 | 5,853 |
| P00128899-1 | 11/11/2014 | 4:36:00 PM | STW-13 | ECA | TV | OCO | 10 | 5,614 |
| P00128904-1 | 11/11/2014 | 4:38:40 PM | EDG-13 | ECA | TV | OCO | 1,203 | 70,093 |
| P00128913-1 | 11/11/2014 | 4:44:00 PM | DGR-15 | ECA | TV | OCO | 65 | 20,177 |
| P00128914-1 | 11/11/2014 | 4:45:00 PM | SHD-17 | EBI | TV | OCO | 28 | 98,338 |
| P00129162-1 | 11/11/2014 | 4:46:00 PM | WAB-13 | EBI | TV | OJU | 233 | 388,475 |
| P00128987-1 | 11/11/2014 | 4:54:00 PM | SHD-17 | EBI | TV | OHR | 299 | 557,936 |
| P00131285-1 | 11/11/2014 | 4:54:20 PM | EDG-12 | ECA | TV | OCO | 0 | 158,039 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00132617-1 | 11/11/2014 | 4:54:34 PM | LMD-16 | EBJ | TV | OTF | 5 | 16,475 |
| P00129053-1 | 11/11/2014 | 4:59:30 PM | VAS-13 | EBL | UN | OCO | 208 | 77,021 |
| P00129052-1 | 11/11/2014 | 4:59:58 PM | CED-17 | ECA | TV | OTF | 5 | 355 |
| P00129059-1 | 11/11/2014 | 5:02:00 PM | HOB-15 | EBI | TV | OTF | 2 | 4,520 |
| P00129074-1 | 11/11/2014 | 5:04:00 PM | LTA-17 | ECA | TV | OCO | 124 | 45,303 |
| P00129072-1 | 11/11/2014 | 5:07:00 PM | SPI-17 | EBD | EF | USV | 1 | 429 |
| P00129071-1 | 11/11/2014 | 5:07:02 PM | MIR-15 | EBF | EF | OSV | 1 | 323 |
| P00129073-1 | 11/11/2014 | 5:08:00 PM | LTA-17 | ECA | TV | OPO | 3 | 1,359 |
| P00129155-1 | 11/11/2014 | 5:10:00 PM | BDI-13 | EBI | TV | OCO | 3 | 7,016 |
| P00129158-1 | 11/11/2014 | 5:11:00 PM | LTA-17 | ECA | UN | OFU | 13 | 29,497 |
| P00129576-1 | 11/11/2014 | 5:14:07 PM | VAS-23 | EBL | TV | OCO | 1,764 | 395,930 |
| P00129166-1 | 11/11/2014 | 5:15:23 PM | MAN-16 | ECD | TV | OSV | 1 | 255 |
| P00129170-1 | 11/11/2014 | 5:19:14 PM | SHD-17 | EBI | TV | OTF | 4 | 11,495 |
| P00129174-1 | 11/11/2014 | 5:21:00 PM | DGR-15 | ECA | EF | PTF | 11 | 627 |
| P00129193-1 | 11/11/2014 | 5:27:00 PM | LTA-17 | ECA | TV | OTF | 2 | 616 |
| P00129520-1 | 11/11/2014 | 5:29:54 PM | BDI-15 | EBI | TV | OHR | 41 | 4,476 |
| P00129344-1 | 11/11/2014 | 5:37:00 PM | PEA-15 | EBJ | TV | OCO | 2 | 229,039 |
| P00131827-1 | 11/11/2014 | 5:37:24 PM | PEA-15 | EBJ | EF | OHR | 712 | 1,244,659 |
| P00129328-1 | 11/11/2014 | 5:40:00 PM | WLK-15 | ECA | TV | OTF | 10 | 1,610 |
| P00129334-1 | 11/11/2014 | 5:41:00 PM | WLK-15 | ECA | EF | PTF | 2 | 364 |
| P00129332-1 | 11/11/2014 | 5:41:00 PM | WLK-13 | ECA | TV | OTF | 2 | 382 |
| P00129336-1 | 11/11/2014 | 5:41:59 PM | FRA-12 | ECD | TV | OCO | 814 | 116,470 |
| P00129359-1 | 11/11/2014 | 5:44:56 PM | PEA-17 | EBJ | TV | OCO | 1,761 | 2,846,608 |
| P00129370-1 | 11/11/2014 | 5:50:30 PM | FRA-16 | ECD | TV | OCO | 9 | 1,197 |
| P00129715-1 | 11/11/2014 | 5:59:11 PM | FRA-16 | ECD | UN | OTR | 1 | 144 |
| P00129414-1 | 11/11/2014 | 6:01:08 PM | VAS-13 | EBL | TV | OCO | 11 | 4,457 |
| P00129441-1 | 11/11/2014 | 6:04:00 PM | SWE-13 | EBJ | TV | OFU | 503 | 251,341 |
| P00129440-1 | 11/11/2014 | 6:06:39 PM | FNW-17 | ECD | EF | OTR | 1 | 197 |
| P00129449-1 | 11/11/2014 | 6:09:00 PM | DGR-15 | ECA | TV | OCO | 41 | 16,950 |
| P00129452-1 | 11/11/2014 | 6:09:55 PM | VAS-12 | EBL | UN | OSV | 1 | 878 |
| P00130222-1 | 11/11/2014 | 6:10:02 PM | STA-16 | EBJ | TV | OCO | 2,019 | 1,238,858 |
| P00129459-1 | 11/11/2014 | 6:12:36 PM | LLT-16 | EBD | TV | OTF | 1 | 130 |
| P00129495-1 | 11/11/2014 | 6:14:17 PM | SWE-27 | EBJ | EF | UPT | 78 | 26,621 |
| P00129464-1 | 11/11/2014 | 6:14:31 PM | DGR-13 | ECA | TV | OCO | 4 | 1,892 |
| P00129465-1 | 11/11/2014 | 6:15:00 PM | NNO-13 | EBJ | TV | OHR | 77 | 11,764 |
| P00130319-1 | 11/11/2014 | 6:20:48 PM | HOB-15 | EBI | TV | OCO | 1,281 | 1,929,919 |
| P00129531-1 | 11/11/2014 | 6:26:28 PM | BAS-13 | EBJ | TV | OTF | 3 | 2,867 |
| P00129518-1 | 11/11/2014 | 6:27:20 PM | RDO-13 | EBJ | TV | OCO | 1,291 | 522,038 |
| P00130741-1 | 11/11/2014 | 6:27:28 PM | PIP-23 | EBI | TV | OFU | 65 | 16,463 |
| P00129542-1 | 11/11/2014 | 6:33:20 PM | BDI-15 | EBI | TV | OFU | 65 | 2,328 |
| P00129754-1 | 11/11/2014 | 6:43:00 PM | OSC-22 | EBI | TV | OCO | 517 | 1,769,034 |
| P00129560-1 | 11/11/2014 | 6:44:54 PM | DGR-13 | ECA | TV | OTR | 2 | 690 |
| P00129564-1 | 11/11/2014 | 6:46:00 PM | SKY-23 | EBD | TF | OFU | 9 | 2,671 |
| P00129661-1 | 11/11/2014 | 6:48:50 PM | LYO-15 | EBJ | TV | OCO | 1,206 | 137,806 |
| P00129579-1 | 11/11/2014 | 6:50:04 PM | DUV-15 | EBD | UN | OCO | 5 | 918 |
| P00129584-1 | 11/11/2014 | 6:51:12 PM | PIP-23 | EBI | EF | PTF | 3 | 2,933 |
| P00129685-1 | 11/11/2014 | 6:57:56 PM | KNT-25 | EBJ | TV | UTC | 4 | 2,397 |
| P00129668-1 | 11/11/2014 | 7:00:07 PM | FCR-12 | EBI | TV | OFU | 25 | 5,393 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00129677-1 | 11/11/2014 | 7:07:28 PM | SWE-27 | EBJ | TV | OFU | 60 | 54,632 |
| P00129682-1 | 11/11/2014 | 7:10:00 PM | NBE-16 | EBF | TV | OCO | 166 | 44,322 |
| P00129683-1 | 11/11/2014 | 7:12:03 PM | BUC-26 | ECA | TV | OFU | 10 | 4,458 |
| P00129697-1 | 11/11/2014 | 7:20:00 PM | BUC-15 | ECA | TV | OCO | 1,100 | 155,100 |
| P00131891-1 | 11/11/2014 | 7:22:00 PM | OSC-23 | EBI | TV | OCO | 8 | 21,014 |
| P00132280-1 | 11/11/2014 | 7:23:13 PM | OSC-22 | EBI | TV | OCO | 114 | 321,095 |
| P00130291-1 | 11/11/2014 | 7:25:02 PM | VAS-13 | EBL | UN | OCO | 26 | 4,414 |
| P00129716-1 | 11/11/2014 | 7:33:41 PM | NBE-15 | EBF | TV | OSV | 1 | 87 |
| P00130269-1 | 11/11/2014 | 7:36:30 PM | TLN-0042 | ECA | TV | OCO | 1,923 | 320,853 |
| P00129795-1 | 11/11/2014 | 7:49:25 PM | PEA-15 | EBJ | TV | OFU | 91 | 134,654 |
| P00129733-1 | 11/11/2014 | 7:50:07 PM | ELL-13 | EBJ | TV | OCO | 1,149 | 185,889 |
| P00129736-1 | 11/11/2014 | 7:52:43 PM | LWS-13 | EBJ | UN | OCO | 1,073 | 119,997 |
| P00131009-1 | 11/11/2014 | 7:57:05 PM | PIP-22 | EBI | TV | OCO | 1,824 | 1,578,490 |
| P00129741-1 | 11/11/2014 | 7:58:00 PM | ING-16 | EBD | EO | UTR | 7 | 3,305 |
| P00129742-1 | 11/11/2014 | 7:59:06 PM | STW-15 | ECA | EF | OTF | 6 | 431 |
| P00129711-1 | 11/11/2014 | 8:03:00 PM | STA-16 | EBJ | TV | OCO | 133 | 367,787 |
| P00129752-1 | 11/11/2014 | 8:05:38 PM | ELL-16 | EBJ | TV | OCO | 56 | 62,853 |
| P00130901-1 | 11/11/2014 | 8:08:03 PM | ELL-16 | EBJ | TV | OCO | 267 | 377,792 |
| P00129766-1 | 11/11/2014 | 8:11:44 PM | FCR-12 | EBI | TV | OCO | 5,011 | 536,041 |
| P00129779-1 | 11/11/2014 | 8:22:20 PM | GWR-13 | EBI | TV | OCO | 489 | 462,423 |
| P00129796-1 | 11/11/2014 | 8:37:00 PM | FRA-12 | ECD | UN | OCO | 4 | 1,164 |
| P00129798-1 | 11/11/2014 | 8:37:00 PM | PIP-26 | EBI | TF | OCO | 339 | 907,899 |
| P00129813-1 | 11/11/2014 | 8:51:05 PM | BDI-13 | EBI | TV | OHR | 414 | 18,582 |
| P00129822-1 | 11/11/2014 | 8:53:03 PM | CAM-17 | EBJ | TV | OCO | 486 | 94,519 |
| P00129951-1 | 11/11/2014 | 8:55:00 PM | TLN-0042 | EBI | TV | OCO | 640 | 500,808 |
| P00130323-1 | 11/11/2014 | 8:57:17 PM | ENU-18 | EBI | TV | OCO | 1,405 | 180,729 |
| P00129901-1 | 11/11/2014 | 8:58:34 PM | CAM-23 | EBJ | TV | OCO | 2,432 | 521,056 |
| P00129917-1 | 11/11/2014 | 9:01:46 PM | VAS-23 | EBL | TV | OCO | 21 | 2,278 |
| P00129950-1 | 11/11/2014 | 9:06:29 PM | FRA-12 | ECD | TV | OCO | 11 | 1,150 |
| P00129956-1 | 11/11/2014 | 9:09:00 PM | TLN-0146 | EBI | TV | OCO | 1,336 | 5,567 |
| P00130270-1 | 11/11/2014 | 9:09:02 PM | ELL-16 | EBJ | TV | OFU | 64 | 82,465 |
| P00130025-1 | 11/11/2014 | 9:14:59 PM | TLN-0172 | EBI | TV | OPO | 568 | 345,194 |
| P00130109-1 | 11/11/2014 | 9:16:28 PM | SEQ-01 | EBJ | TV | OCO | 1,720 | 3,715,531 |
| P00130016-1 | 11/11/2014 | 9:17:00 PM | VAS-23 | EBL | TV | OCO | 4 | 461 |
| P00130068-1 | 11/11/2014 | 9:17:24 PM | LEA-16 | EBJ | TV | OCO | 1,275 | 1,413,232 |
| P00130021-1 | 11/11/2014 | 9:17:25 PM | LTA-18 | ECA | EF | OSV | 1 | 76 |
| P00130141-1 | 11/11/2014 | 9:18:00 PM | TLN-0028 | EBJ | TV | OCO | 3,318 | 1,789,521 |
| P00130125-1 | 11/11/2014 | 9:18:00 PM | TLN-0171 | EBJ | OD | OCO | 5,732 | 504,416 |
| P00130092-1 | 11/11/2014 | 9:18:00 PM | TLN-0028 | EBI | TV | OCO | 1,070 | 410,472 |
| P00130086-1 | 11/11/2014 | 9:19:09 PM | VAS-23 | EBL | TV | OTR | 2 | 10 |
| P00130093-1 | 11/11/2014 | 9:19:22 PM | LEA-17 | EBJ | EF | UTF | 7 | 5,450 |
| P00130180-1 | 11/11/2014 | 9:24:32 PM | MHT-13 | EBJ | TV | OSV | 1 | 825 |
| P00130231-1 | 11/11/2014 | 9:33:50 PM | FWY-11 | EBJ | TV | OFU | 226 | 90,762 |
| P00132275-1 | 11/11/2014 | 9:35:20 PM | OSC-22 | EBI | TV | OFU | 9 | 23,742 |
| P00130238-1 | 11/11/2014 | 9:40:22 PM | PIP-26 | EBI | TV | OTF | 1 | 1,486 |
| P00130243-1 | 11/11/2014 | 9:42:40 PM | KCR-17 | EBJ | UN | OFU | 4 | 6,140 |
| P00130245-1 | 11/11/2014 | 9:43:53 PM | OSC-23 | EBI | TV | OCO | 228 | 1,486,147 |
| P00129777-1 | 11/11/2014 | 9:46:24 PM | NBE-12 | EBF | EF | OFC | 8 | 437 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00130257-1 | 11/11/2014 | 9:51:06 PM | EDG-16 | ECA | TV | OCO | 403 | 388,804 |
| P00130263-1 | 11/11/2014 | 9:54:27 PM | FAB-17 | EAD | EF | OSV | 21 | 2,100 |
| P00130265-1 | 11/11/2014 | 9:55:08 PM | FNW-17 | ECD | TV | OCO | 29 | 24,635 |
| P00130278-1 | 11/11/2014 | 10:01:56 PM | VAS-23 | EBL | TV | OCO | 9 | 1,750 |
| P00130293-1 | 11/11/2014 | 10:04:30 PM | BDI-13 | EBI | TV | OHR | 182 | 44,207 |
| P00131391-1 | 11/11/2014 | 10:05:33 PM | EDG-16 | ECA | TV | OCO | 36 | 39,205 |
| P00130327-1 | 11/11/2014 | 10:07:00 PM | FCR-12 | EBI | TV | OPO | 947 | 582,161 |
| P00130797-1 | 11/11/2014 | 10:11:20 PM | HOB-16 | EBI | TV | OCO | 11 | 24,696 |
| P00131845-1 | 11/11/2014 | 10:15:56 PM | PIP-26 | EBI | UN | OSV | 1 | 2,212 |
| P00130296-1 | 11/11/2014 | 10:16:36 PM | EDG-12 | ECA | EF | UTC | 1 | 16 |
| P00130303-1 | 11/11/2014 | 10:20:16 PM | MHT-16 | EBJ | TV | OCO | 173 | 71,893 |
| P00130304-1 | 11/11/2014 | 10:22:16 PM | VAS-23 | EBL | UN | OTR | 2 | 1,234 |
| P00130307-1 | 11/11/2014 | 10:29:00 PM | KCR-17 | EBJ | TV | OCO | 7 | 8,887 |
| P00130317-1 | 11/11/2014 | 10:35:53 PM | SUN-13 | ECA | EF | PTF | 9 | 496 |
| P00130322-1 | 11/11/2014 | 10:39:38 PM | MST-25 | EBJ | TV | OCO | 2,235 | 3,431,372 |
| P00130333-1 | 11/11/2014 | 10:56:00 PM | LYO-15 | EBJ | TV | OCO | 48 | 239,992 |
| P00130335-1 | 11/11/2014 | 11:01:35 PM | ENU-15 | EBI | TV | OCO | 5,890 | 1,014,981 |
| P00130340-1 | 11/11/2014 | 11:06:38 PM | HAN-16 | EAA | TV | OCO | 213 | 41,452 |
| P00130341-1 | 11/11/2014 | 11:06:56 PM | CUM-13 | EBI | TV | OCO | 991 | 997,215 |
| P00130360-1 | 11/11/2014 | 11:08:00 PM | TLN-0159 | EBH | EF | OCO | 1,209 | 66,072 |
| P00130343-1 | 11/11/2014 | 11:08:46 PM | FWD-17 | EBJ | TV | OCO | 1,515 | 424,605 |
| P00130382-1 | 11/11/2014 | 11:10:00 PM | ORC-13 | EBJ | TV | OCO | 1,311 | 926,393 |
| P00130365-1 | 11/11/2014 | 11:12:42 PM | TLN-0159 | EBF | TV | OCO | 855 | 1,155,804 |
| P00130366-1 | 11/11/2014 | 11:16:56 PM | LEA-13 | EBJ | TV | OCO | 2,926 | 4,273,018 |
| P00130372-1 | 11/11/2014 | 11:23:00 PM | PAN-15 | EBJ | TV | OSV | 4 | 13,168 |
| P00130445-1 | 11/11/2014 | 11:24:27 PM | VAS-23 | EBL | UN | OCO | 459 | 80,116 |
| P00130386-1 | 11/11/2014 | 11:32:38 PM | SEQ-22 | EBJ | TV | OCO | 2,668 | 2,110,127 |
| P00130388-1 | 11/11/2014 | 11:33:48 PM | SEQ-13 | EBJ | TV | OCO | 1,636 | 1,297,049 |
| P00130403-1 | 11/11/2014 | 11:42:24 PM | LWS-13 | EBJ | TV | OCO | 1,064 | 364,083 |
| P00130406-1 | 11/11/2014 | 11:45:00 PM | SKY-25 | EBD | TV | OCO | 36 | 5,071 |
| P00130408-1 | 11/11/2014 | 11:47:49 PM | SOO-23 | EBI | TV | OCO | 1,628 | 1,947,148 |
| P00130418-1 | 11/11/2014 | 11:52:00 PM | VAS-12 | EBL | UN | OCO | 229 | 64,897 |
| P00130420-1 | 11/11/2014 | 11:54:09 PM | SWE-13 | EBJ | EF | UEL | 178 | 318,076 |

### **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**



# Windy and cold...then a chance of snow far south

## National Weather Service, Seattle WA

## Hello,This message is intended as an informational briefing for public safety decision makers. We ask that you continue to monitor latest information using the resources listed below. You are welcome to share this message with others in your organization.

**SYNOPSIS:**

Strong easterly pressure gradients have brought high wind to parts of the east Puget Sound lowlands susceptible to outflow easterly winds, and windy conditions to the north coast and western Strait of Juan de Fuca. The air mass is cold, so when precipitation finally begins Wednesday night over the far southern zones, a rain and snow mix is possible for awhile. At this point it does not appear there will be any snow in the Seattle area...and no precipitation at all for areas north of about Everett.

**HEADLINES:**

High wind warning for the east Puget Sound lowlands until 8 AM Wednesday.

Wind advisory in effect for the north coast and the western Strait of Juan de Fuca until 4 PM Wednesday.

A little snow or mixed rain and snow is possible late Wednesday night and Thursday morning over southwestern zones.

**FORECAST SPECIFICS:**

Strong high pressure over southern British Columbia has created a strong easterly pressure gradient across the Cascade Mountains. Very windy conditions will continue over the east Puget Sound lowlands tonight. Near gaps in the mountains wind speeds of 20 to 40 mph with gusts to 60 mph will occur. Near the western entrance to the Strait of Juan de Fuca it will also be windy with speeds of 20 to 35 mph gusting to 50 mph.

Overnight low temperatures will be in the mid 20s to low 30s with daytime highs in the 40s. The pressure gradients and winds will diminish on Wednesday as a weak weather system approaches from the south. The air mass over western Washington will be cold and dry with temperatures mostly below freezing as precipitation approaches Wednesday night. A little snow or mixed rain and snow is possible Wednesday night and Thursday morning over the southwestern zones. The forecast currently keeps any snow south of the Seattle area, and does not have any precipitation at all north of Everett.

**CONFIDENCE:**

Confidence is high that windy conditions will continue at times tonight through Wednesday.

Confidence is low that any snow will accumulate over the southwest during the initial phase of the weather system Wednesday night and Thursday morning.

**Current National Weather Service Forecast**

EAST PUGET SOUND LOWLANDS-

INCLUDING THE CITIES OF...GOLD BAR...ENUMCLAW...NORTH BEND...BUCKLEY

203 PM PST MON NOV 10 2014

...WIND ADVISORY IN EFFECT FROM 6 AM TUESDAY TO 4 PM PST WEDNESDAY...

THE NATIONAL WEATHER SERVICE IN SEATTLE HAS ISSUED A WIND

ADVISORY...WHICH IS IN EFFECT FROM 6 AM TUESDAY TO 4 PM PST

WEDNESDAY.

\* SOME AFFECTED LOCATIONS...NORTH BEND...ENUMCLAW...BLACK

  DIAMOND...GOLD BAR.

\* TIMING...STRONG EAST GAP WINDS WILL INCREASE TUESDAY MORNING AND

  PERSIST THROUGH WEDNESDAY AFTERNOON.

\* WIND...EAST WIND 20 TO 35 MPH WITH GUSTS TO 50 MPH. HIGHEST

  WINDS BELOW THE CASCADE GAPS.

\* IMPACTS...WINDS THIS STRONG CAN SNAP SMALL TREE

  BRANCHES...TOPPLE SMALL OR SHALLOW ROOTED TREES...AND CAUSE

  LOCAL POWER OUTAGES.

A WIND ADVISORY IS ISSUED WHEN SUSTAINED WINDS OF 30 TO 39 MPH

AND/OR GUSTS OF 45 TO 57 MPH ARE LIKELY.

**SAN JUAN COUNTY-WESTERN WHATCOM COUNTY-**

**INCLUDING THE CITIES OF...FRIDAY HARBOR...BELLINGHAM...BLAINE...**

**LYNDEN**

203 PM PST MON NOV 10 2014

...WIND ADVISORY IN EFFECT FROM 6 PM THIS EVENING TO 1 PM PST

TUESDAY...

THE NATIONAL WEATHER SERVICE IN SEATTLE HAS ISSUED A WIND

ADVISORY...WHICH IS IN EFFECT FROM 6 PM THIS EVENING TO 1 PM PST

TUESDAY.

\* SOME AFFECTED LOCATIONS...BELLINGHAM...FERNDALE...LUMMI

  ISLAND...SAN JUAN ISLANDS.

\* TIMING...GUSTY FRASER RIVER OUTFLOW WINDS WILL INCREASE TONIGHT

  AND PERSIST THROUGH TUESDAY MORNING.

\* WIND...NORTHEAST WIND 20 TO 35 MPH WITH GUSTS TO 45 MPH.

\* IMPACTS...WINDS THIS STRONG CAN SNAP SMALL TREE

  BRANCHES...TOPPLE SMALL OR SHALLOW ROOTED TREES...AND CAUSE

  LOCAL POWER OUTAGES.

A WIND ADVISORY IS ISSUED WHEN SUSTAINED WINDS OF 30 TO 39 MPH

AND/OR GUSTS OF 45 TO 57 MPH ARE LIKELY.



Wednesday, Nov. 12, 2014 at 4:38PM

*Updated: Nov. 13, 2014 at 5:41AM*

[**About 12,000 still without power in Western Washington**](http://q13fox.com/2014/11/12/tens-of-thousands-out-of-power-in-puget-sound-heading-into-another-freezing-night/)

By Hana Kim and Adam Mertz

 AUBURN, Wash. — About 12,000 customers are without power as the Puget Sound region wakes up to another cold and crisp day.

 Puget Sound Energy has restored power to more than 214,000 customers since the damaging winds hit our region, the utility reported Thursday morning.

 In a press release PSE said that the focus of restoration work remains on south King County, where the damage has been the most severe, and where winds continue to blow.

 “We’re continuing to work on several badly damaged transmission lines. This remains a priority. Once they’re back online, many more customers will get power. Then, we can concentrate on the smaller lines that feed power to many neighborhoods and communities. This work is often the most time consuming as those crews make individual repairs scattered over widespread areas.

 We will have 60 line crews in the field today. These are the 4-man crews who work in the larger power trucks. We’re still being assisted by crews from other utilities.”

 PSE said most of the outages were in Auburn, Enumclaw, Federal Way and Kent and some scattered ones in Maple Valley, Black Diamond, Covington, Ravensdale, Renton, SeaTac, Sedro-Woolley and Tacoma.

 In Enumclaw, those homeowners still in the dark were filling up with fuel to power their generators. Many of them lost power Tuesday afternoon.

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)