

**2015**

**Qualifying Events Report**

**January 18, 2015 Event**

Filed on April 15, 2015

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# **Event Description**

### **Event Date and Time**

January 18, 2015, 01:00 – January 21, 2015, 09:00

### **Event Type**

Wind

### **Service Areas Significantly Affected**

North King County, Kitsap County, Vashon Island

### **Number of Customers Affected**

System wide, approximately 107,847 customers were without power during the course of this event.

### **Summary of System Impacts**

|  |  |
| --- | --- |
| **Total Number of Outages** | **353** |
| Distribution Circuits Totally Out | 14 |
| Distribution Circuits Partially Out | 339 |

|  |  |
| --- | --- |
| Transmission Circuits Affected | 0 |
| Substations Offline | 3 |

### **Mobilization Summary**

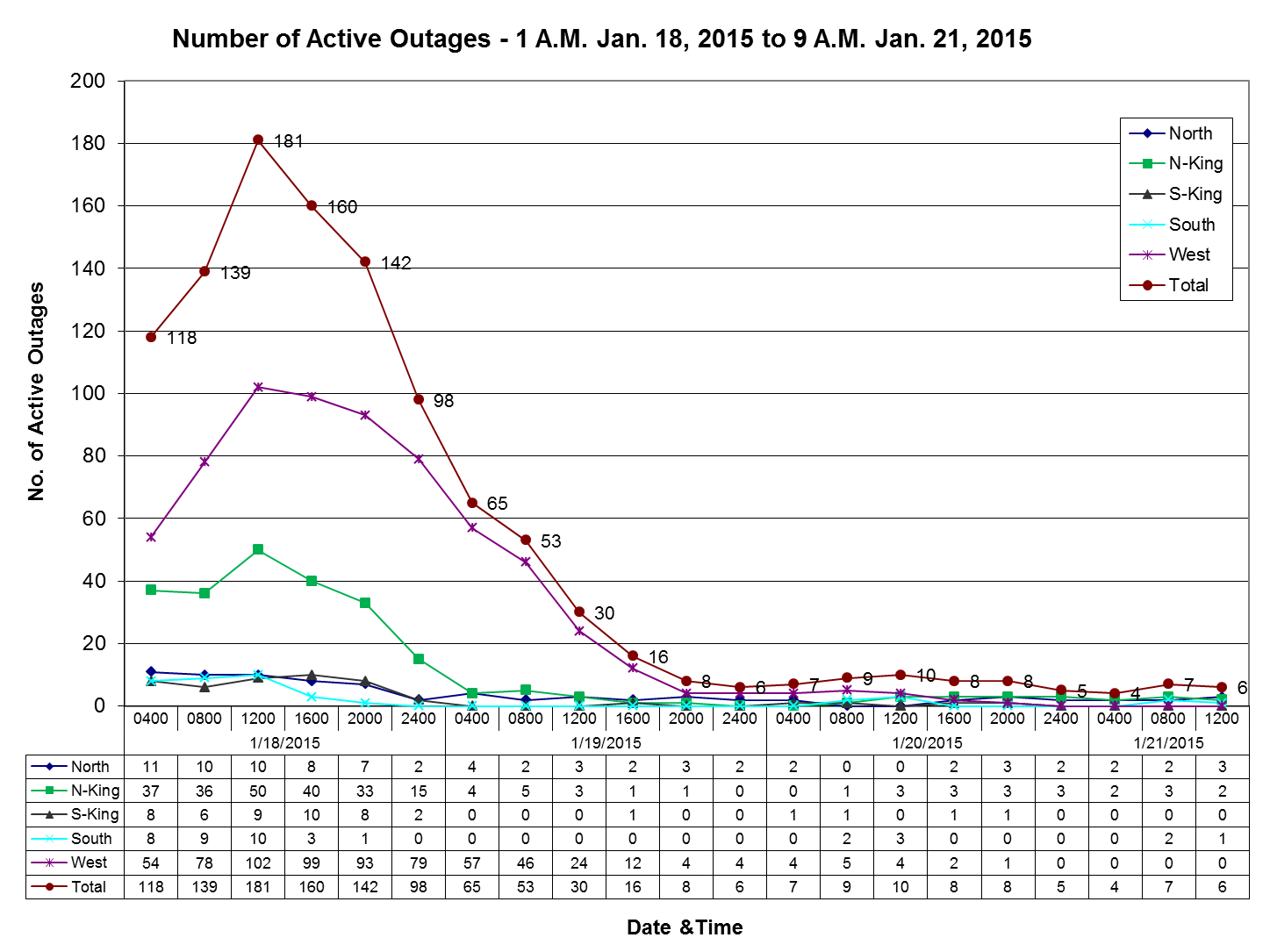
#### Operating Bases Placed In Emergency Status

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Base** | **Date Opened** | **Time Opened** | **Date Closed** | **Time Closed** |
| Whatcom/Skagit/Island | n/a | n/a | n/a | n/a |
| North King | 1/18/2015 | 02:30 | 1/19/2015 | 00:00 |
| South King | n/a | n/a | n/a | n/a |
| Pierce | n/a | n/a | n/a | n/a |
| Thurston | n/a | n/a | n/a | n/a |
| Kitsap | 1/18/2015 | 01:30 | 01/19/2015 | 15:45 |
| Vashon | 1/18/2015 | 01:30 | 01/19/2015 | 15:45 |
| Kittitas | n/a | n/a | n/a | n/a |

#### Emergency Coordination Center (ECC)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ECC** | **Date Opened** | **Time Opened** | **Date Closed** | **Time Closed** |
|  | 1/18/2015 | 06:00 | 1/19/2015 | 14:00 |

# **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)**   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 2015: 6.1 Minutes** |

# **Qualified Events - 2015**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Event Date, Time Range** | **Total Customer Minutes** | **Average Customer Count** | **Event SAIDI**  (Customer Minutes /Customer Count) |
| 1/18/2015, 01:00 – 1/21, 09:00 | 27,872,705 | 1,108,020 | 25.26 |

### **YTD Daily SAIDI Detail**

(first day that daily SAIDI exceeded PSE’s TMED of 6.1 Minutes by qualifying event)

|  |  |  |
| --- | --- | --- |
| **Date** | **Daily SAIDI**  **(from midnight to midnight)** | **O&M[[3]](#footnote-3) Costs– Deferrable**  **Accumulation** |
| 1-18-2015 | 25.8 |  |

# **Event Restoration – Cost Summary**

### **2015 Restoration Costs Detail by Qualifying Event (updated)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Event Date | Qualified Events Deferred Account | Capital Costs | O&M Costs Not Deferrable | O&M Costs  Deferrable  Accumulation | Total O&M Costs | Total |
| 1/18/2015 |  | $ 254,929 | $ 151,325 | $ 2,002,670 | $ 2,153,994 | $ 2,408,924 |

(r) Revised

### **2015 YTD Storm Restoration Costs Detail**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Qualifying Events Deferred Account | Capital | O&M - Not Deferrable | O&M - Deferrable Accumulation | Total O&M | Total |
| $ - | $ 254,929 | $ 151,325 | $ 2,002,670 | $ 2,153,994 | $ 2,408,924 |

# **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**

**Jan 18, 2015**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00157021-1 | 1/18/2015 | 12:36:00 AM | MOT-14 | ECC | TV | OCO | 328 | 325,273 |
| P00157023-1 | 1/18/2015 | 12:37:40 AM | LGY-13 | EAD | TV | SCB | 84 | 2,184 |
| P00157042-1 | 1/18/2015 | 12:41:00 AM | SIN-23 | ECD | TV | OCO | 199 | 211,139 |
| P00157024-1 | 1/18/2015 | 12:41:36 AM | GRI-15 | ECC | TV | OCO | 50 | 37,573 |
| P00157033-1 | 1/18/2015 | 12:41:59 AM | POU-16 | ECE | TV | OCO | 216 | 164,809 |
| P00157039-1 | 1/18/2015 | 12:44:00 AM | FRG-22 | ECC | TV | OCO | 55 | 16,204 |
| P00157049-1 | 1/18/2015 | 12:47:56 AM | TRA-25 | ECE | TV | OCO | 437 | 44,479 |
| P00157062-1 | 1/18/2015 | 12:52:00 AM | SIL-15 | ECE | TV | OCO | 96 | 139,034 |
| P00157073-1 | 1/18/2015 | 12:54:56 AM | CHA-16 | ECC | TV | OCO | 1,458 | 115,863 |
| P00157107-1 | 1/18/2015 | 1:01:00 AM | BHL-13 | ECE | TV | OCO | 162 | 224,281 |
| P00158173-1 | 1/18/2015 | 1:01:00 AM | BHL-12 | ECE | TV | OCO | 122 | 99,715 |
| P00157079-1 | 1/18/2015 | 1:03:00 AM | GRI-13 | ECC | TV | OCO | 19 | 13,203 |
| P00157083-1 | 1/18/2015 | 1:05:00 AM | RAI-12 | ECC | TV | OCO | 171 | 100,401 |
| P00157088-1 | 1/18/2015 | 1:06:17 AM | CHI-12 | ECD | TV | OCO | 5,556 | 510,412 |
| P00157138-1 | 1/18/2015 | 1:07:29 AM | MAP-15 | EBE | TV | OPO | 16 | 428,808 |
| P00157899-1 | 1/18/2015 | 1:09:35 AM | POU-15 | ECE | TV | OCO | 2,033 | 1,151,051 |
| P00157110-1 | 1/18/2015 | 1:09:55 AM | KWH-01 | EBE | TV | OCO | 3,570 | 358,785 |
| P00157097-1 | 1/18/2015 | 1:10:17 AM | BHL-12 | ECE | TV | OCO | 7 | 6,137 |
| P00157117-1 | 1/18/2015 | 1:14:28 AM | LUH-14 | ECC | TV | OFU | 18 | 7,898 |
| P00157242-1 | 1/18/2015 | 1:15:00 AM | FNW-17 | ECD | TV | OCO | 122 | 72,976 |
| P00157119-1 | 1/18/2015 | 1:15:14 AM | SKE-22 | ECE | TV | OCO | 77 | 14,515 |
| P00158011-1 | 1/18/2015 | 1:16:32 AM | PMA-12 | ECE | TV | OCO | 26 | 38,696 |
| P00157210-1 | 1/18/2015 | 1:17:28 AM | SIL-16 | ECE | TV | OCO | 1,986 | 374,758 |
| P00157126-1 | 1/18/2015 | 1:18:00 AM | FRG-25 | ECC | TV | OCO | 8 | 6,957 |
| P00157139-1 | 1/18/2015 | 1:18:09 AM | KIN-24 | ECE | TV | OCO | 1,546 | 859,086 |
| P00157446-1 | 1/18/2015 | 1:19:00 AM | MAN-12 | ECD | TV | OCO | 121 | 53,649 |
| P00157149-1 | 1/18/2015 | 1:20:28 AM | SKE-22 | ECE | TV | OCO | 28 | 3,226 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00157145-1 | 1/18/2015 | 1:20:34 AM | SEQ-13 | EBJ | TV | OPO | 1,216 | 294,110 |
| P00158133-1 | 1/18/2015 | 1:21:00 AM | CEK-15 | ECE | TV | OCO | 508 | 1,037,225 |
| P00157159-1 | 1/18/2015 | 1:22:00 AM | PMA-12 | ECE | TV | OCO | 1 | 1,973 |
| P00157167-1 | 1/18/2015 | 1:22:14 AM | SIL-13 | ECE | TV | OCO | 610 | 94,896 |
| P00157155-1 | 1/18/2015 | 1:22:30 AM | EDG-12 | ECA | TV | OCO | 58 | 7,472 |
| P00157199-1 | 1/18/2015 | 1:22:34 AM | SEQ-22 | EBJ | TV | OCO | 66 | 15,275 |
| P00157564-1 | 1/18/2015 | 1:23:00 AM | PMA-12 | ECE | TV | OCO | 79 | 110,662 |
| P00157813-1 | 1/18/2015 | 1:23:00 AM | TLN-0098 | EBL | UN | OCO | 6,683 | 1,287,259 |
| P00157165-1 | 1/18/2015 | 1:23:00 AM | TRA-22 | ECE | TV | OCO | 10 | 12,443 |
| P00157166-1 | 1/18/2015 | 1:23:52 AM | LMC-23 | EBE | TV | OCO | 82 | 47,981 |
| P00157168-1 | 1/18/2015 | 1:23:59 AM | LMC-27 | EBE | TV | OCO | 41 | 37,117 |
| P00157175-1 | 1/18/2015 | 1:24:00 AM | FRA-12 | ECD | TV | OCO | 15 | 31,665 |
| P00157169-1 | 1/18/2015 | 1:24:06 AM | MAP-17 | EBE | TV | OCO | 17 | 10,685 |
| P00157816-1 | 1/18/2015 | 1:24:31 AM | EDG-12 | ECA | UN | OCO | 30 | 4,622 |
| P00157173-1 | 1/18/2015 | 1:24:34 AM | TIL-25 | ECA | TV | OFU | 3 | 397 |
| P00157180-1 | 1/18/2015 | 1:25:00 AM | POU-13 | ECE | TV | OCO | 261 | 103,054 |
| P00157815-1 | 1/18/2015 | 1:25:58 AM | EDG-12 | ECA | EF | OFU | 19 | 2,907 |
| P00157188-1 | 1/18/2015 | 1:26:00 AM | LMC-23 | EBE | TV | OCO | 247 | 161,756 |
| 11163595 | 1/18/2015 | 1:26:00 AM | PAT-17 | ECC | TV | OSV | 1 | 488 |
| P00157203-1 | 1/18/2015 | 1:26:00 AM | KIN-22 | ECE | TV | OCO | 37 | 58,110 |
| P00158787-1 | 1/18/2015 | 1:26:11 AM | CHI-16 | ECD | TV | OCO | 2 | 2,627 |
| P00157788-1 | 1/18/2015 | 1:26:34 AM | PMA-12 | ECE | TV | OCO | 133 | 157,057 |
| P00157811-1 | 1/18/2015 | 1:26:45 AM | EDG-12 | ECA | UN | OCO | 43 | 5,343 |
| P00157874-1 | 1/18/2015 | 1:27:00 AM | SKE-26 | ECE | TV | OCO | 44 | 64,667 |
| P00157252-1 | 1/18/2015 | 1:27:34 AM | CEK-14 | ECE | TV | OCO | 1,585 | 724,985 |
| P00157226-1 | 1/18/2015 | 1:28:00 AM | PGA-13 | ECE | TV | OCO | 2 | 3,810 |
| P00157495-1 | 1/18/2015 | 1:28:07 AM | WIN-15 | ECE | TV | OCO | - | 209,435 |
| P00157266-1 | 1/18/2015 | 1:28:50 AM | LOL-21 | ECD | TV | OCO | 1,402 | 159,543 |
| P00158329-1 | 1/18/2015 | 1:28:53 AM | PMA-16 | ECE | TV | OCO | 29 | 35,528 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00157268-1 | 1/18/2015 | 1:28:55 AM | PIP-23 | EBI | TV | OCO | 1,017 | 109,920 |
| P00157243-1 | 1/18/2015 | 1:28:59 AM | WIS-12 | EBF | TV | OCO | 54 | 33,512 |
| P00157307-1 | 1/18/2015 | 1:29:48 AM | MIL-22 | ECE | TV | OCO | 77 | 74,413 |
| P00157278-1 | 1/18/2015 | 1:29:55 AM | ING-13 | EBD | TV | OCO | 1,616 | 612,508 |
| P00158291-1 | 1/18/2015 | 1:30:00 AM | MAP-15 | EBE | TV | OCO | 119 | 150,067 |
| P00157838-1 | 1/18/2015 | 1:30:24 AM | MIL-16 | ECE | TV | OCO | 50 | 66,218 |
| P00157710-1 | 1/18/2015 | 1:31:00 AM | FRA-16 | ECD | TV | OCO | 75 | 81,430 |
| P00157533-1 | 1/18/2015 | 1:32:00 AM | CHR-22 | ECE | TV | OCO | 24 | 39,128 |
| P00157567-1 | 1/18/2015 | 1:32:54 AM | SWD-12 | ECE | TV | OCO | 46 | 70,477 |
| P00157808-1 | 1/18/2015 | 1:32:54 AM | EDG-12 | ECA | EF | OTF | 2 | 240 |
| P00157460-1 | 1/18/2015 | 1:33:16 AM | HOB-16 | EBI | TV | OCO | 213 | 112,292 |
| P00157296-1 | 1/18/2015 | 1:33:23 AM | KIN-21 | ECE | TV | OCO | 238 | 82,646 |
| P00158006-1 | 1/18/2015 | 1:35:28 AM | RPT-16 | ECD | TV | OCO | 109 | 55,648 |
| P00157399-1 | 1/18/2015 | 1:35:45 AM | TLN-0174 | EBD | TV | OCO | 5,424 | 338,550 |
| P00158102-1 | 1/18/2015 | 1:36:00 AM | SWD-12 | ECE | TV | OCO | 54 | 88,452 |
| P00157390-1 | 1/18/2015 | 1:36:57 AM | WIN-12 | ECE | TV | OCO | 1,217 | 174,680 |
| P00157716-1 | 1/18/2015 | 1:37:00 AM | TLN-0283 | ECE | UN | OCO | 7,696 | (1) |
| P00158618-1 | 1/18/2015 | 1:37:01 AM | MIL-23 | ECE | TV | OCO | 17 | 29,688 |
| P00157382-1 | 1/18/2015 | 1:38:00 AM | MAN-16 | ECD | TV | OCO | 73 | 107,176 |
| P00157370-1 | 1/18/2015 | 1:38:00 AM | LYO-15 | EBJ |  | OFU | 14 | 12,937 |
| 11163520 | 1/18/2015 | 1:38:00 AM | LYO-15 | EBI | TV | OCO | 14 | 12,936 |
| P00157409-1 | 1/18/2015 | 1:38:26 AM | KLA-15 | EBD | TV | OCO | 256 | 210,065 |
| P00157622-1 | 1/18/2015 | 1:38:28 AM | GLC-14 | EBJ | TV | OCO | 96 | 16,393 |
| P00157423-1 | 1/18/2015 | 1:39:10 AM | KLA-18 | EBD | EF | UOT | 816 | 201,960 |
| P00157520-1 | 1/18/2015 | 1:41:29 AM | KNM-26 | EBD | TV | OCO | 12 | 12,942 |
| P00157469-1 | 1/18/2015 | 1:42:53 AM | ING-15 | EBD | TV | OCO | 93 | 75,103 |
| P00157491-1 | 1/18/2015 | 1:43:55 AM | TRA-22 | ECE | UN | OTR | 1 | 992 |
| P00158192-1 | 1/18/2015 | 1:44:46 AM | EGT-11 | EBE | TV | OCO | 58 | 68,417 |
| P00158651-1 | 1/18/2015 | 1:44:46 AM | EGT-11 | EBE | TV | OCO | 94 | 98,954 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00157522-1 | 1/18/2015 | 1:45:00 AM | SKE-23 | ECE | TV | OCO | 652 | 1,077,370 |
| P00157525-1 | 1/18/2015 | 1:45:39 AM | TOL-15 | EBD | TV | OCO | 216 | 69,196 |
| P00158021-1 | 1/18/2015 | 1:46:26 AM | FAL-13 | EBF | TV | OCO | 43 | 40,874 |
| P00158548-1 | 1/18/2015 | 1:47:00 AM | POU-15 | ECE | TV | UPT | 242 | 194,529 |
| P00157922-1 | 1/18/2015 | 1:47:47 AM | TOL-15 | EBD | TV | OCO | 435 | 182,174 |
| P00157540-1 | 1/18/2015 | 1:48:42 AM | NLM-12 | EAC | TV | OCO | 122 | 83,037 |
| P00158115-1 | 1/18/2015 | 1:50:34 AM | NOB-12 | EBE | TV | UTC | 39 | 27,292 |
| P00157587-1 | 1/18/2015 | 1:52:22 AM | AVO-24 | EBD | TV | OCO | 2,440 | 686,819 |
| P00157688-1 | 1/18/2015 | 1:52:32 AM | TLN-0085 | EBD | TV | OCO | 4,362 | 1,101,261 |
| P00157583-1 | 1/18/2015 | 1:53:41 AM | LMC-23 | EBE | EF | OFC | 8 | 15,817 |
| P00157601-1 | 1/18/2015 | 1:54:02 AM | PIN-27 | EBD | TV | OCO | 1,177 | 437,432 |
| P00157602-1 | 1/18/2015 | 1:55:53 AM | PAN-15 | EBJ | TV | OTF | 4 | 1,045 |
| P00157604-1 | 1/18/2015 | 1:56:15 AM | HWD-25 | EBD | TV | OTF | 1 | 828 |
| P00158048-1 | 1/18/2015 | 1:56:21 AM | PMA-12 | ECE | TV | OCO | 23 | 28 |
| P00157612-1 | 1/18/2015 | 1:56:24 AM | SHE-15 | ECE | TV | OCO | 102 | 66,535 |
| P00158804-1 | 1/18/2015 | 1:56:49 AM | SKE-23 | ECE | TV | OCO | 58 | 109,372 |
| P00157762-1 | 1/18/2015 | 1:57:00 AM | HWD-22 | EBD | TV | OCO | 48 | 45,696 |
| P00157640-1 | 1/18/2015 | 2:01:16 AM | ELD-23 | ECC | TV | OCO | 6 | 3,347 |
| P00157649-1 | 1/18/2015 | 2:02:45 AM | LMC-23 | EBE | TV | OCO | 15 | 18,862 |
| P00157809-1 | 1/18/2015 | 2:10:15 AM | EDG-12 | ECA | TV | OTF | 2 | 164 |
| P00157693-1 | 1/18/2015 | 2:12:49 AM | NLM-16 | EAC | TV | OFU | 64 | 15,428 |
| P00157701-1 | 1/18/2015 | 2:15:13 AM | SOO-23 | EBI | TV | OSV | 4 | 735 |
| P00157806-1 | 1/18/2015 | 2:15:26 AM | EGT-12 | EBE | TV | UTC | 20 | 11,738 |
| P00157991-1 | 1/18/2015 | 2:17:15 AM | MIL-22 | ECE | TV | OCO | 241 | 173,548 |
| P00157712-1 | 1/18/2015 | 2:20:28 AM | NBO-22 | EBD | TV | OTF | 4 | 3,218 |
| P00157736-1 | 1/18/2015 | 2:22:54 AM | PLA-22 | EBD | TV | OCO | 1,511 | 412,276 |
| P00157722-1 | 1/18/2015 | 2:25:07 AM | BIG-12 | EAC | TV | OCO | 33 | 23,036 |
| P00157723-1 | 1/18/2015 | 2:25:11 AM | RIT-17 | EAC | TV | OFU | 32 | 4,439 |
| P00157777-1 | 1/18/2015 | 2:29:04 AM | PGA-12 | ECE | TV | OCO | 145 | 87,075 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00157879-1 | 1/18/2015 | 2:40:00 AM | DUV-15 | EBD | TV | OCO | 168 | 117,199 |
| P00158563-1 | 1/18/2015 | 2:44:00 AM | HAZ-13 | EBE | TV | OCO | 54 | 71,976 |
| P00158705-1 | 1/18/2015 | 2:44:05 AM | KIN-21 | ECE | TV | OCO | 26 | 22,220 |
| P00157861-1 | 1/18/2015 | 2:44:52 AM | HAZ-13 | EBE | TV | OCO | 1,126 | 520,006 |
| P00157761-1 | 1/18/2015 | 2:45:00 AM | BRO-15 | EAD | TV | OCO | 128 | 23,063 |
| P00158479-1 | 1/18/2015 | 2:46:29 AM | RPT-16 | ECD | TV | OCO | 100 | 44,748 |
| P00157771-1 | 1/18/2015 | 2:52:22 AM | NUG-26 | EAA | TV | OFU | 47 | 6,497 |
| P00158073-1 | 1/18/2015 | 2:53:00 AM | DUV-12 | EBD | TV | OCR | 212 | 321,108 |
| P00157781-1 | 1/18/2015 | 2:58:17 AM | BIG-12 | EAC | TV | OCO | 31 | 15,064 |
| P00157798-1 | 1/18/2015 | 3:14:00 AM | FRU-25 | ECA | AO | UPS | 1,470 | 462,814 |
| P00157914-1 | 1/18/2015 | 3:19:00 AM | DUV-12 | EBD | TV | OCO | 83 | 50,532 |
| P00157804-1 | 1/18/2015 | 3:19:10 AM | KAP-13 | ECA | TV | OCO | 445 | 127,648 |
| P00158394-1 | 1/18/2015 | 3:20:00 AM | SKE-22 | ECE | TV | OCO | 28 | 39,419 |
| P00157805-1 | 1/18/2015 | 3:21:00 AM | BRS-13 | EAC | TV | OCO | 15 | 19,994 |
| P00157807-1 | 1/18/2015 | 3:21:00 AM | TLN-0085 | EBD | TV | OCO | 5,173 | 50,291 |
| P00157817-1 | 1/18/2015 | 3:27:11 AM | FLD-15 | EAD | TV | OFU | 44 | 2,034 |
| P00158060-1 | 1/18/2015 | 3:31:11 AM | SKY-25 | EBD | TV | OCO | 13 | 7,356 |
| P00157826-1 | 1/18/2015 | 3:34:00 AM | TRA-26 | ECE | TV | OCO | 3 | 3,773 |
| P00158118-1 | 1/18/2015 | 3:35:00 AM | FNW-16 | ECD | TV | OCO | 53 | 78,895 |
| P00157832-1 | 1/18/2015 | 3:37:00 AM | HAM-15 | EAC | TV | OCO | 368 | 327,495 |
| P00158621-1 | 1/18/2015 | 3:38:32 AM | POU-13 | ECE | TV | OCO | 7 | 12,088 |
| P00157841-1 | 1/18/2015 | 3:42:00 AM | MCW-15 | ECE | TV | OCO | 430 | 690,590 |
| P00157842-1 | 1/18/2015 | 3:42:48 AM | FLD-12 | EAD | TV | OHR | 828 | 69,442 |
| P00158274-1 | 1/18/2015 | 3:49:20 AM | DUV-15 | EBD | TV | OCO | 9 | 4,345 |
| P00158784-1 | 1/18/2015 | 3:55:38 AM | PMA-15 | ECE | TV | OCO | 52 | 95,342 |
| P00157928-1 | 1/18/2015 | 3:55:56 AM | NBO-22 | EBD | TV | OCO | 71 | 42,596 |
| P00157871-1 | 1/18/2015 | 4:09:07 AM | ALG-15 | EAA | EF | OFC | 1 | 112 |
| P00157945-1 | 1/18/2015 | 4:09:34 AM | WIN-12 | ECE | TV | OCO | 1,239 | 257,770 |
| P00157950-1 | 1/18/2015 | 4:09:58 AM | WIN-15 | ECE | TV | OCO | 1,361 | 373,159 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00157873-1 | 1/18/2015 | 4:12:34 AM | BRS-24 | EAC | TV | OFU | 18 | 2,768 |
| P00157916-1 | 1/18/2015 | 4:17:00 AM | SIL-13 | ECE | TV | OCO | 370 | 134,784 |
| P00158079-1 | 1/18/2015 | 4:23:05 AM | SKE-22 | ECE | TV | OCO | 19 | 5,983 |
| P00157883-1 | 1/18/2015 | 4:31:41 AM | CHI-12 | ECD | TF | OCO | 74 | 96,108 |
| P00157889-1 | 1/18/2015 | 4:37:20 AM | HAM-13 | EAC | TV | OSV | 1 | 314 |
| P00157893-1 | 1/18/2015 | 4:42:53 AM | WIN-16 | ECE | TV | OCO | 1,295 | 61,858 |
| P00157891-1 | 1/18/2015 | 4:43:50 AM | GRI-15 | ECC | EF | OFU | 4 | 1,141 |
| P00158202-1 | 1/18/2015 | 4:46:00 AM | KIN-22 | ECE | TV | OCO | 37 | 50,730 |
| P00157900-1 | 1/18/2015 | 4:51:56 AM | ING-13 | EBD | TV | OCO | 213 | 98,026 |
| P00157904-1 | 1/18/2015 | 4:52:54 AM | VAS-23 | EBL | TV | OCO | 29 | 1,768 |
| P00157911-1 | 1/18/2015 | 4:58:00 AM | WIN-12 | ECE | UN | OTR | 6 | 10,172 |
| P00157915-1 | 1/18/2015 | 5:00:00 AM | LOL-21 | ECD | TV | OCO | 39 | 51,472 |
| P00157917-1 | 1/18/2015 | 5:01:43 AM | PAT-15 | ECC | UN | OFU | 63 | 11,071 |
| P00157931-1 | 1/18/2015 | 5:07:00 AM | KIN-21 | ECE | TV | OCO | 240 | 142,636 |
| P00157944-1 | 1/18/2015 | 5:09:00 AM | CHI-12 | ECD | TF | OCO | 148 | 89,239 |
| P00157974-1 | 1/18/2015 | 5:14:00 AM | VAS-22 | EBL | TV | OCO | 206 | 67,506 |
| P00157940-1 | 1/18/2015 | 5:15:32 AM | BRO-15 | EAD | TV | OFU | 98 | 7,245 |
| P00158208-1 | 1/18/2015 | 5:16:00 AM | PMA-12 | ECE | TV | OCO | 19 | 26,576 |
| P00158528-1 | 1/18/2015 | 5:18:06 AM | SKE-22 | ECE | TV | OCO | 4 | 4,678 |
| P00157943-1 | 1/18/2015 | 5:19:04 AM | WIN-12 | ECE | SO | OCO | 81 | 4,834 |
| P00157836-1 | 1/18/2015 | 5:20:31 AM | HAM-13 | EAC | TV | OCO | 28 | 18,802 |
| P00157947-1 | 1/18/2015 | 5:20:49 AM | WIN-13 | ECE | TV | OCO | 1,231 | 267 |
| P00157949-1 | 1/18/2015 | 5:21:13 AM | WIN-13 | ECE | TV | OCO | 1,231 | 170,822 |
| P00157955-1 | 1/18/2015 | 5:25:40 AM | FRA-15 | ECD | TV | OCO | 864 | 150,696 |
| P00157995-1 | 1/18/2015 | 5:46:09 AM | SKE-26 | ECE | TV | OTR | 3 | 1,782 |
| P00158002-1 | 1/18/2015 | 5:46:48 AM | FRA-13 | ECD | TV | OCO | 1,335 | 168,811 |
| P00158012-1 | 1/18/2015 | 6:00:19 AM | EDG-12 | ECA |  | OFU | 21 | 1,711 |
| P00158015-1 | 1/18/2015 | 6:03:00 AM | HWD-26 | EBD | TV | OSV | 1 | 784 |
| P00158024-1 | 1/18/2015 | 6:11:11 AM | PIK-24 | EBF | TV | OCO | 720 | 3,180 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00158026-1 | 1/18/2015 | 6:14:35 AM | OLD-23 | EAA | UN | OFU | 24 | 1,572 |
| P00158030-1 | 1/18/2015 | 6:20:28 AM | LAU-13 | EAA | EF | OTF | 2 | 179 |
| P00158035-1 | 1/18/2015 | 6:25:22 AM | PAN-12 | EBJ | OD | OCO | 484 | 54,265 |
| P00158059-1 | 1/18/2015 | 6:34:04 AM | SEQ-22 | EBJ | TV | OCO | 26 | 8,102 |
| P00158218-1 | 1/18/2015 | 6:37:21 AM | ING-17 | EBD | TV | OCO | 631 | 275,831 |
| P00158062-1 | 1/18/2015 | 6:47:09 AM | LOL-21 | ECD | TV | OCO | 2,730 | 239,843 |
| P00158063-1 | 1/18/2015 | 6:48:52 AM | COT-16 | EBD | TV | OSV | 1 | 853 |
| P00158075-1 | 1/18/2015 | 6:53:00 AM | BIG-15 | EAC | EF | UEL | 3 | 5,276 |
| P00158078-1 | 1/18/2015 | 6:54:00 AM | RPT-23 | ECD | TV | OCO | 1 | 1,829 |
| P00158083-1 | 1/18/2015 | 6:59:00 AM | BHL-15 | ECE | TV | OCO | 3 | 5,078 |
| P00158092-1 | 1/18/2015 | 6:59:00 AM | SIL-16 | ECE | TV | OCO | 134 | 133,868 |
| P00158084-1 | 1/18/2015 | 6:59:57 AM | PMA-15 | ECE | TV | OCO | 3 | 5,364 |
| P00158161-1 | 1/18/2015 | 7:00:00 AM | TLN-0191 | ECE | UN | OCO | 3,314 | 1,556,270 |
| P00158382-1 | 1/18/2015 | 7:00:16 AM | MCW-17 | ECE | TV | OCO | 57 | 41,900 |
| P00158086-1 | 1/18/2015 | 7:01:06 AM | PMA-12 | ECE | TV | OTR | 11 | 6,999 |
| P00158100-1 | 1/18/2015 | 7:07:11 AM | LOL-25 | ECD | TV | OCO | 2,153 | 225,850 |
| P00158111-1 | 1/18/2015 | 7:15:00 AM | CHI-12 | ECD | TV | OTR | 5 | 9,270 |
| P00158113-1 | 1/18/2015 | 7:15:03 AM | SHE-26 | ECE | TV | OCO | 595 | 241,352 |
| P00158121-1 | 1/18/2015 | 7:18:19 AM | SWD-11 | ECE | TV | OTR | 23 | 23,515 |
| P00158125-1 | 1/18/2015 | 7:19:23 AM | SWD-11 | ECE | TV | OCO | 16 | 11,843 |
| P00158127-1 | 1/18/2015 | 7:19:41 AM | PIK-24 | EBF | TV | OCO | 8 | 3,532 |
| P00158142-1 | 1/18/2015 | 7:25:50 AM | SWD-12 | ECE | TV | OCO | 2 | 3,273 |
| P00158150-1 | 1/18/2015 | 7:27:53 AM | ING-13 | EBD | TV | OCO | 8 | 137 |
| P00158153-1 | 1/18/2015 | 7:28:15 AM | SLA-15 | EAA | UN | OFU | 54 | 4,727 |
| P00158155-1 | 1/18/2015 | 7:28:22 AM | POU-13 | ECE | TV | OCO | 16 | 16,092 |
| P00158167-1 | 1/18/2015 | 7:31:30 AM | ING-13 | EBD | TV | OCO | 3 | 78 |
| P00158172-1 | 1/18/2015 | 7:34:08 AM | ING-13 | EBD | TV | OCO | 3 | 68 |
| P00158174-1 | 1/18/2015 | 7:35:40 AM | ING-13 | EBD | TV | OCO | 4 | 90 |
| P00158178-1 | 1/18/2015 | 7:37:53 AM | ING-13 | EBD | TV | OCO | 3 | 54 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00158181-1 | 1/18/2015 | 7:41:32 AM | ING-13 | EBD | TV | OCO | 1 | 12 |
| P00158185-1 | 1/18/2015 | 7:44:49 AM | LYN-26 | EAA | EF | OTF | 1 | 187 |
| P00158188-1 | 1/18/2015 | 7:46:55 AM | MUR-13 | ECE | TV | OCO | 3 | 5,459 |
| P00158792-1 | 1/18/2015 | 7:59:01 AM | WIN-13 | ECE | TV | OCO | 13 | 19,441 |
| P00158201-1 | 1/18/2015 | 8:00:34 AM | LMC-27 | EBE | TV | OCO | 4 | 2,218 |
| P00158207-1 | 1/18/2015 | 8:02:37 AM | WIN-13 | ECE | UN | OCO | 396 | 137,385 |
| P00158210-1 | 1/18/2015 | 8:03:19 AM | FAL-15 | EBF | TV | OCO | 1 | 521 |
| P00158229-1 | 1/18/2015 | 8:05:01 AM | COT-15 | EBD | TV | OCO | 1,286 | 134,795 |
| P00158222-1 | 1/18/2015 | 8:05:53 AM | ELD-25 | ECC | EF | OFU | 2 | 486 |
| P00158231-1 | 1/18/2015 | 8:06:00 AM | ELD-23 | ECC | TV | OCO | 35 | 13,065 |
| P00158243-1 | 1/18/2015 | 8:09:00 AM | NLM-15 | EAC | TV | OCO | 13 | 10,946 |
| P00158249-1 | 1/18/2015 | 8:11:40 AM | BCH-16 | EAA | EF | OTF | 1 | 93 |
| P00158251-1 | 1/18/2015 | 8:12:10 AM | LGY-16 | EAD | TV | OSV | 2 | 795 |
| P00158252-1 | 1/18/2015 | 8:12:43 AM | VAS-13 | EBL | TV | OTR | 1 | 857 |
| P00158295-1 | 1/18/2015 | 8:13:00 AM | FRA-13 | ECD | TV | OCO | 169 | 69,197 |
| P00158309-1 | 1/18/2015 | 8:13:26 AM | SKY-25 | EBD | TV | OCO | 25 | 7,189 |
| P00158427-1 | 1/18/2015 | 8:13:39 AM | KNM-26 | EBD | TV | OCO | 199 | 98,661 |
| P00158261-1 | 1/18/2015 | 8:14:49 AM | VAS-13 | EBL | TV | OCO | 9 | 1,815 |
| P00158004-1 | 1/18/2015 | 8:15:31 AM | KNM-26 | EBD | TV | OCO | 47 | 35,982 |
| P00158273-1 | 1/18/2015 | 8:20:50 AM | AVO-16 | EBD | TV | OCO | 1 | 894 |
| P00158277-1 | 1/18/2015 | 8:22:02 AM | ZEN-26 | EBJ | UN | OTR | 3 | 2,516 |
| P00158278-1 | 1/18/2015 | 8:22:23 AM | RPT-17 | ECD | TV | OTR | 5 | 2,793 |
| P00158321-1 | 1/18/2015 | 8:25:00 AM | LGY-12 | EAD | EF | OPO | 384 | 311,456 |
| P00158285-1 | 1/18/2015 | 8:25:28 AM | ORC-17 | EBJ | UN | OTR | 3 | 2,661 |
| P00158446-1 | 1/18/2015 | 8:30:18 AM | VAS-12 | EBL | UN | OCO | 14 | 11,755 |
| P00158306-1 | 1/18/2015 | 8:30:50 AM | BCH-16 | EAA | UN | OFU | 28 | 2,852 |
| P00158318-1 | 1/18/2015 | 8:32:56 AM | TRA-25 | ECE | TV | OCO | 9 | 3,655 |
| P00158320-1 | 1/18/2015 | 8:33:22 AM | FAL-13 | EBF | TV | OCO | 17 | 10,956 |
| P00158324-1 | 1/18/2015 | 8:35:00 AM | FNW-17 | ECD | TV | OCO | 6 | 8,999 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00158330-1 | 1/18/2015 | 8:41:23 AM | WAY-12 | EBD | TV | OCO | 46 | 33,479 |
| P00158332-1 | 1/18/2015 | 8:42:00 AM | GRI-15 | ECC | TV | OCO | 3 | 1,688 |
| P00158687-1 | 1/18/2015 | 8:43:06 AM | TRA-22 | ECE | TV | OCO | 6 | 7,809 |
| P00158337-1 | 1/18/2015 | 8:46:00 AM | WIN-15 | ECE | TV | OCO | 35 | 59,072 |
| P00158338-1 | 1/18/2015 | 8:47:02 AM | DUV-12 | EBD | TV | OCO | 1 | 492 |
| P00158342-1 | 1/18/2015 | 8:47:54 AM | SME-13 | EBE | TV | OTF | 2 | 769 |
| 11163594 | 1/18/2015 | 8:49:00 AM | RAI-12 | ECC | TV | OSV | 1 | 103 |
| P00158363-1 | 1/18/2015 | 8:52:33 AM | WIN-15 | ECE | TV | OCO | 173 | 151,603 |
| P00158352-1 | 1/18/2015 | 8:53:07 AM | SIL-15 | ECE | TV | OCO | 4 | 2,364 |
| P00158354-1 | 1/18/2015 | 8:53:13 AM | WIN-15 | ECE | TV | OTR | 4 | 3,620 |
| P00158362-1 | 1/18/2015 | 8:57:13 AM | NHL-17 | EBD | TV | OCO | 8 | 463 |
| P00158377-1 | 1/18/2015 | 9:04:00 AM | WIN-15 | ECE | TV | OCO | 11 | 15,534 |
| P00158383-1 | 1/18/2015 | 9:07:00 AM | JUA-21 | EBD | TV | OSV | 1 | 751 |
| 11163287 | 1/18/2015 | 9:09:00 AM | MCA-15 | ECC | TV | OCO | 2 | 66 |
| P00158392-1 | 1/18/2015 | 9:11:00 AM | TRA-26 | ECE | TV | OTR | 5 | 5,739 |
| P00158395-1 | 1/18/2015 | 9:14:38 AM | LOL-21 | ECD | TV | OCO | 5 | 4,884 |
| P00158465-1 | 1/18/2015 | 9:15:27 AM | FNW-17 | ECD | TV | OCO | 24 | 5,644 |
| P00158653-1 | 1/18/2015 | 9:20:00 AM | MIL-22 | ECE | TV | OCO | 2 | 3,372 |
| P00158411-1 | 1/18/2015 | 9:26:05 AM | CUS-16 | EAA | EF | OTF | 2 | 251 |
| P00158416-1 | 1/18/2015 | 9:29:58 AM | FRA-15 | ECD | TV | OTR | 3 | 3,840 |
| P00158422-1 | 1/18/2015 | 9:36:37 AM | WAY-15 | EBD | TV | OCO | 4 | 1,178 |
| P00158425-1 | 1/18/2015 | 9:37:26 AM | PGA-13 | ECE | TV | OTR | 1 | 174 |
| P00158426-1 | 1/18/2015 | 9:38:43 AM | GRI-16 | ECC | UN | OTF | 6 | 1,382 |
| P00158428-1 | 1/18/2015 | 9:41:34 AM | SWD-13 | ECE | UN | UPT | 2 | 3,178 |
| P00158431-1 | 1/18/2015 | 9:42:40 AM | PMA-16 | ECE | TV | OCO | 88 | 49,173 |
| P00158437-1 | 1/18/2015 | 9:46:00 AM | LOL-25 | ECD | TV | OCO | 57 | 4,531 |
| P00158440-1 | 1/18/2015 | 9:48:10 AM | PIK-21 | EBF | TV | OCO | 5 | 899 |
| P00158441-1 | 1/18/2015 | 9:49:34 AM | ING-13 | EBD | TV | OFC | 29 | 2,541 |
| P00158451-1 | 1/18/2015 | 9:53:04 AM | LOL-21 | ECD | TV | OCO | 1 | 766 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00158364-1 | 1/18/2015 | 9:54:21 AM | KNM-23 | EBD | TV | OCO | 2,527 | 186,605 |
| P00158466-1 | 1/18/2015 | 10:05:14 AM | WIN-15 | ECE | EO | UPT | 8 | 8,030 |
| P00158468-1 | 1/18/2015 | 10:06:03 AM | SIL-17 | ECE | TV | OCO | 2 | 2,894 |
| P00158471-1 | 1/18/2015 | 10:07:21 AM | LYO-15 | EBJ | TV | OCO | 6 | 3,905 |
| P00158472-1 | 1/18/2015 | 10:07:38 AM | MIL-17 | ECE | TV | OTR | 1 | 1,013 |
| P00158473-1 | 1/18/2015 | 10:08:05 AM | WIN-15 | ECE | TV | OCO | 110 | 161,028 |
| P00158474-1 | 1/18/2015 | 10:09:26 AM | KIN-21 | ECE | TV | OCO | 3 | 1,232 |
| P00158480-1 | 1/18/2015 | 10:11:39 AM | MVW-16 | EBJ | TV | OCN | 1 | 826 |
| P00158484-1 | 1/18/2015 | 10:13:00 AM | SKE-22 | ECE | TV | OCO | 19 | 23,594 |
| P00158487-1 | 1/18/2015 | 10:15:00 AM | RPT-16 | ECD | TV | OCO | 98 | 39,171 |
| P00158491-1 | 1/18/2015 | 10:17:36 AM | PIK-24 | EBF | TV | OCO | 1 | 275 |
| P00158495-1 | 1/18/2015 | 10:20:57 AM | POU-15 | ECE | TV | OCO | 1 | 395 |
| P00158788-1 | 1/18/2015 | 10:22:45 AM | LWS-14 | EBJ | UN | OCO | 7 | 2,890 |
| P00158505-1 | 1/18/2015 | 10:24:54 AM | VAS-12 | EBL | TV | OCO | 2,041 | 18,673 |
| P00158458-1 | 1/18/2015 | 10:27:34 AM | VAS-01 | EBL | TV | OCO | 1,877 | 7,851 |
| P00158510-1 | 1/18/2015 | 10:30:25 AM | PIP-23 | EBI | UN | OTR | 4 | 1,913 |
| P00158518-1 | 1/18/2015 | 10:34:55 AM | PGA-12 | ECE | TV | OCO | 36 | 4,177 |
| P00158521-1 | 1/18/2015 | 10:36:00 AM | KIN-24 | ECE | TV | OCO | 77 | 55,796 |
| P00158531-1 | 1/18/2015 | 10:43:00 AM | LGY-16 | EAD | EF | OTR | 1 | 747 |
| P00158605-1 | 1/18/2015 | 10:47:41 AM | DUV-12 | EBD | TV | OCO | 43 | 36,841 |
| P00158542-1 | 1/18/2015 | 10:55:47 AM | SME-15 | EBE | TV | OSV | 3 | 1,019 |
| P00158543-1 | 1/18/2015 | 10:55:48 AM | MIR-17 | EBF | TV | OCO | 37 | 20,396 |
| P00158544-1 | 1/18/2015 | 10:56:30 AM | LLT-16 | EBD | TV | OCO | 4 | 774 |
| P00158577-1 | 1/18/2015 | 11:24:00 AM | KIN-24 | ECE | UN | OCO | 24 | 17,555 |
| P00158587-1 | 1/18/2015 | 11:38:17 AM | MCW-15 | ECE | TV | OCO | 132 | 163,775 |
| P00158597-1 | 1/18/2015 | 11:55:11 AM | HAZ-13 | EBE | TV | OCO | 6 | 599 |
| P00158599-1 | 1/18/2015 | 11:55:34 AM | SHA-16 | ECA | TV | OSV | 3 | 436 |
| P00158601-1 | 1/18/2015 | 11:58:41 AM | SBE-26 | EBE | TV | OSV | 1 | 166 |
| P00158603-1 | 1/18/2015 | 12:02:02 PM | WIN-13 | ECE | TV | OCO | 5 | 1,667 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00158609-1 | 1/18/2015 | 12:13:00 PM | CHI-16 | ECD | TV | OSV | 3 | 3,577 |
| P00158615-1 | 1/18/2015 | 12:31:00 PM | RPT-23 | ECD | TV | OCO | 35 | 26,695 |
| P00158616-1 | 1/18/2015 | 12:33:21 PM | LMC-23 | EBE | TV | OCO | 821 | 130,566 |
| P00158631-1 | 1/18/2015 | 12:52:42 PM | POU-15 | ECE | TV | OTR | 1 | 582 |
| P00158652-1 | 1/18/2015 | 12:55:06 PM | WIN-12 | ECE | EO | OCO | 223 | 114,787 |
| P00158647-1 | 1/18/2015 | 1:15:00 PM | SKY-25 | EBD | TV | OCO | 25 | 28,458 |
| P00158610-1 | 1/18/2015 | 1:24:22 PM | LLT-16 | EBD | TV | OCO | 25 | 830 |
| P00158665-1 | 1/18/2015 | 1:37:27 PM | NLM-12 | EAC | EF | OFU | 110 | 12,085 |
| P00158664-1 | 1/18/2015 | 1:42:04 PM | POU-15 | ECE | TV | OCO | 4 | 2,128 |
| P00158668-1 | 1/18/2015 | 1:46:00 PM | SKY-25 | EBD | TV | OCO | 13 | 8,058 |
| P00158671-1 | 1/18/2015 | 1:53:08 PM | WIN-13 | ECE | TV | OCO | 127 | 3,689 |
| P00158672-1 | 1/18/2015 | 1:56:00 PM | PIK-21 | EBF | TV | OCO | 10 | 3,578 |
| P00158678-1 | 1/18/2015 | 2:01:34 PM | WIN-13 | ECE | TV | OCO | 2 | 377 |
| P00158688-1 | 1/18/2015 | 2:13:00 PM | MIR-26 | EBF | TV | OCO | 1 | 372 |
| P00158691-1 | 1/18/2015 | 2:23:54 PM | KNT-37 | EBJ | TV | OSV | 2 | 1,225 |
| P00158693-1 | 1/18/2015 | 2:24:00 PM | MIR-17 | EBF | EF | PTF | 1 | 345 |
| P00158694-1 | 1/18/2015 | 2:28:00 PM | MAP-15 | EBE | TV | OTF | 8 | 3,270 |
| P00158696-1 | 1/18/2015 | 2:28:57 PM | WIN-15 | ECE | TV | OCO | 27 | 5,270 |
| P00158700-1 | 1/18/2015 | 2:34:00 PM | TOL-17 | EBD | TV | OCO | 2 | 465 |
| P00158701-1 | 1/18/2015 | 2:34:36 PM | KIN-24 | ECE | TV | OCO | 12 | 5,938 |
| P00158703-1 | 1/18/2015 | 2:35:06 PM | SKE-26 | ECE | TV | OCO | 8 | 8 |
| P00158712-1 | 1/18/2015 | 2:49:58 PM | KNM-26 | EBD | TV | OCO | 34 | 2,660 |
| P00158715-1 | 1/18/2015 | 2:52:29 PM | SOO-25 | EBI | UN | OSV | 3 | 1,246 |
| P00158716-1 | 1/18/2015 | 2:53:39 PM | BRS-13 | EAC | EF | OTF | 2 | 159 |
| P00158718-1 | 1/18/2015 | 2:54:40 PM | POU-15 | ECE | UN | UPT | 2 | 1,138 |
| P00158741-1 | 1/18/2015 | 3:35:00 PM | MCW-15 | ECE | TV | OCO | 127 | 71,524 |
| P00158733-1 | 1/18/2015 | 3:41:00 PM | MIR-17 | EBF | TV | OCO | 1 | 269 |
| P00158736-1 | 1/18/2015 | 3:44:00 PM | KNM-23 | EBD | TV | OCO | 27 | 864 |
| 11165780 | 1/18/2015 | 3:49:00 PM | LMC-27 | EBF | TV | OCO | 11 | 6,039 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00158739-1 | 1/18/2015 | 3:52:00 PM | TRA-25 | ECE | TV | OCO | 9 | 15,480 |
| 11163597 | 1/18/2015 | 4:09:00 PM | ELD-23 | ECC | EF | OTF | - | - |
| 11163592 | 1/18/2015 | 4:09:00 PM | SWI-17 | ECC | TV | OSV | 1 | 81 |
| P00158911-1 | 1/18/2015 | 4:11:36 PM | POU-15 | ECE | TV | OCO | 11 | 9,267 |
| P00158759-1 | 1/18/2015 | 4:16:00 PM | POU-16 | ECE | TV | OCO | 1 | 976 |
| P00158761-1 | 1/18/2015 | 4:18:21 PM | TOL-15 | EBD | TV | OCO | 65 | 11,092 |
| 11163615 | 1/18/2015 | 4:19:00 PM | WLK-15 | ECA | TV | OSV | 1 | 127 |
| P00158763-1 | 1/18/2015 | 4:20:38 PM | DUV-15 | EBD | TV | OCO | 1 | 251 |
| P00158775-1 | 1/18/2015 | 4:31:01 PM | RIT-16 | EAC | TV | OTF | 2 | 419 |
| P00158777-1 | 1/18/2015 | 4:34:36 PM | FWY-11 | EBJ | TV | OSV | 3 | 1,332 |
| P00158790-1 | 1/18/2015 | 4:48:32 PM | ROC-17 | ECC | TV | OTF | 1 | 85 |
| P00158791-1 | 1/18/2015 | 4:49:27 PM | ING-17 | EBD | TV | OCO | 11 | 1,039 |
| P00158793-1 | 1/18/2015 | 4:53:23 PM | SWD-11 | ECE | UN | OTR | 2 | 334 |
| P00158796-1 | 1/18/2015 | 5:01:00 PM | AVO-17 | EBD | TV | OCO | 28 | 11,348 |
| P00158799-1 | 1/18/2015 | 5:01:00 PM | TOL-15 | EBD | TV | OTR | 3 | 1,890 |
| P00158805-1 | 1/18/2015 | 5:14:20 PM | WIN-15 | ECE | TV | OTR | 1 | 408 |
| P00158810-1 | 1/18/2015 | 5:24:21 PM | VAS-12 | EBL | TV | OTR | 5 | 1,530 |
| P00158827-1 | 1/18/2015 | 6:10:38 PM | PAN-15 | EBJ | UN | PTF | 6 | 1,842 |
| P00158914-1 | 1/18/2015 | 6:43:45 PM | SIN-23 | ECD | TV | OTR | 7 | 7,051 |
| 11163617 | 1/18/2015 | 6:55:00 PM | WOO-25 | ECA | TV | OSV | 1 | 143 |
| P00158848-1 | 1/18/2015 | 7:05:11 PM | WAY-15 | EBD | TV | OCO | 1 | 57 |
| P00158780-1 | 1/18/2015 | 7:08:22 PM | TOL-15 | EBD | TV | OCO | 67 | 18,025 |
| P00158854-1 | 1/18/2015 | 7:22:45 PM | HWD-22 | EBD | EF | OFC | 3 | 682 |
| P00158856-1 | 1/18/2015 | 7:23:00 PM | CHI-12 | ECD | TV | OCO | 1 | 891 |
| P00158857-1 | 1/18/2015 | 7:25:05 PM | WAY-15 | EBD | TV | OCO | 5 | 642 |
| P00158863-1 | 1/18/2015 | 7:42:24 PM | SIN-25 | ECD | TV | OTR | 2 | 1,181 |
| P00158865-1 | 1/18/2015 | 7:54:02 PM | POU-15 | ECE | TV | OCO | 1 | 165 |
| P00158869-1 | 1/18/2015 | 8:02:00 PM | FNW-17 | ECD | TV | OCO | 70 | 30,868 |
| P00158871-1 | 1/18/2015 | 8:11:17 PM | LWS-16 | EBJ | UN | OTR | 4 | 980 |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** | **CUST.OUT** | **CUST.MIN** |
| P00158879-1 | 1/18/2015 | 8:24:35 PM | FAL-13 | EBF | EF | USV | 1 | 183 |
| P00158884-1 | 1/18/2015 | 8:50:24 PM | SKE-26 | ECE | TV | OCO | 3 | 902 |
| P00158890-1 | 1/18/2015 | 9:22:21 PM | PMA-16 | ECE | TV | OTR | 2 | 703 |
| P00158893-1 | 1/18/2015 | 9:30:26 PM | PRE-14 | EBE | EF | OCO | 37 | 6,165 |
| P00158894-1 | 1/18/2015 | 9:31:51 PM | PRE-14 | EBE | TV | OCO | 107 | 17,099 |
| P00158904-1 | 1/18/2015 | 9:49:00 PM | CWD-24 | EBD | EF | UFJ | 22 | 8,078 |
| P00158913-1 | 1/18/2015 | 10:35:32 PM | POU-15 | ECE | TV | OCO | 1 | 708 |

### **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**



**National Weather Service, Seattle WA**

...WET AND WINDY CONDITIONS EXPECTED OVER WESTERN WASHINGTON ON

SATURDAY AND EARLY SUNDAY MORNING...

THE WEATHER WILL GET QUITE WET STARTING SATURDAY AFTERNOON...WITH

THE HEAVIEST RAIN COMING ON SATURDAY EVENING. THE RAIN WILL TAPER

OFF TO SHOWERS ON SUNDAY MORNING. OVER THE COURSE OF SATURDAY AND

SATURDAY NIGHT...2 TO 4 INCHES OF RAIN IS EXPECTED OVER THE

CASCADES FROM KING COUNTY ON SOUTH...EXCEPT AROUND 5 INCHES NEAR

MOUNT RAINIER. 2 TO 3 INCHES OF RAIN IS EXPECTED OVER THE OLYMPIC

MOUNTAINS. 1 TO 2 INCHES OF RAIN WILL OCCUR ALONG THE COAST AND

OVER THE INTERIOR LOWLANDS FROM SEATTLE ON SOUTH. THE HEAVIEST

RAIN WILL COME AT A TIME WHEN SNOW LEVELS RANGE FROM 6000 TO 8000

FEET. MINOR FLOODING IS POSSIBLE ON SOME RIVERS. A FLOOD WATCH IS

IN EFFECT...SO REFER TO THE LATEST FLOOD PRODUCTS FOR DETAILS.

THE WEATHER WILL ALSO TURN VERY WINDY ON SATURDAY NIGHT AND EARLY

SUNDAY MORNING. OVER A LARGE PORTION OF WESTERN WASHINGTON...

SOUTHERLY WINDS OF 25 TO 35 MPH ARE POSSIBLE WITH GUSTS AROUND 45

TO 50 MPH. STRONGEST WINDS ARE EXPECTED FROM ABOUT 12 AM TO 7 AM

ON SUNDAY MORNING.



Sunday, Jan.18, 2015 at 10:24AM

[**Wind storm pummels region; widespread outages reported**](http://www.northkitsapherald.com/news/288967121.html)

 POULSBO -- A wind storm pummeled the region late Jan. 17 and early Jan. 18, knocking power out to an estimated 90,000 homes and businesses in Puget Sound.

Kitsap County was the hardest hit, Puget Sound Energy reported.

“Although winds are forecasted to subside this morning, strong gusts and continued winds may cause additional outages and make it unsafe for crews to work,” PSE reported on its website.

PSE’s recommendation: “If you’re currently without power, we recommend making alternate plans for watching the [NFC] Championship game today.”

Port Gamble S'Klallam Tribe general manager Kelly Sullivan reported that this tree behind her house 'uprooted like it got picked up and set back down.' It missed a neighbors' home by only feet. No one was injured.— Image Credit: Kelly Sullivan / Courtesy Photo

Several road closures remained closed Jan. 18 because of trees that fell into PSE wires. Road crews cannot remove the trees until the power in the lines is secured and there was no estimate of when the roads will reopen, the county reported on its website.

The following roads were still closed as of 9 a.m.:

* Brownsville Highway between State Route 308 and South Keyport Road.
* Hansville Road in the vicinity of Ecology Road.
* Mayvolt Road between Mayhill Drive and McKenzies Road (Port Orchard).
* Oceanview Boulevard NE between School Street NE and NE 1st Street.

As of 8:30 a.m., there were approximately 234 outages impacting around 29,000 customers. Power had been restored to more than 62,000 customers. Outages were widespread across Kitsap County. Among those without power at 8:30 a.m., according to PSE’s online outage map: Kingston, 1,546; Bremerton and Port Orchard areas, 500; Silverdale, 346.

PSE reminds residents to use extreme caution while driving. Remember that if the signal is out at an intersection it becomes a four-way stop. Never touch downed power lines. Always assume they’re energized. If you see a downed power line, stay away and report it by calling PSE at 1-888-225-5773 or 9-1-1.

Find more outage information or report your outage at pse.com/outagemap or download the myPSE mobile outage app.



Monday, Jan. 19, 2015 at 12:29PM

[**Local Rivers Stay Tame; Wind, Not So Much**](http://www.chronline.com/crime/article_d126f900-a019-11e4-9141-d3fc4891c0d0.html)

Power Cut: Scattered Power Outages Reported Before Seahawks Game Sunday

By Christopher Brewer

A flood watch issued Saturday turned out to be largely for naught as rain wasn’t enough to cause rivers and creeks across Lewis County to rage.

Instead, the problem turned out to be the wind, which caused major disappointment for some rabid Seahawks fans across the region.

Winds steadily increased Saturday evening into Sunday morning, knocking out power in pockets of Western Washington and leaving some people with no way to watch the Seahawks’ 12:05 p.m. kickoff in the NFC Championship Game at home.

Data provided to the National Weather Service indicated winds hit their peak just after 2 a.m. Sunday. At that time, gusts reached 33 mph at the Chehalis-Centralia Airport, 26 at Kosmos, 34 at Packwood and 25 at Ashford.

Lewis County Public Utilities District, which supplies electricity to most of Lewis County, reported scattered outages Sunday. Crews were dispatched to several areas, including Hadaller Road to Lake Mayfield Village near Mossyrock, state Route 7 north of Mineral to Elbe, Kosmos Road in Glenoma, Cline Road in Randle, Skate Creek Road and Timberline Road in Packwood, and several single-customer outages.

Sunday night, a few scattered outages remained in Packwood, Mineral, Ashford and Elbe.

Wind knocked out power to more than 65,000 people throughout Western Washington, 25,000 of which did not have power by halftime, according to The Associated Press.

Gusts at the Seattle-Tacoma International Airport reached 59 mph Saturday, the AP reported. Puget Sound Energy said 33,000 people were without power at some point after the storm.

While the wind wasn’t enough to cause widespread damage, it did have an impact at least in one area of the Twin Cities. Responders removed a tree that fell across Harrison Avenue near Goodwill in Centralia just after midnight Sunday.

No area rivers flooded, according to data from river gauges monitored by the U.S. Geological Survey. The Newaukum River at Chehalis reached 8.97 feet early Sunday morning but receded shortly afterward. The Cowlitz River at Randle reached 12.4 feet Sunday afternoon, staying well below flood stage.

Forecasters say Monday’s spell of nice weather should stay around through at least Wednesday evening, with mostly sunny skies across Lewis and south Thurston counties, before rain moves back into the area Thursday and Friday. A forecast discussion issued Monday morning by the National Weather Service says forecasters expect the rain to weaken but still provide some measurable precipitation.

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)