

**2016**

**Qualifying Storm Event Report**

October 14, 2016 Event

Filed on January 12, 2017

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# **Event Description**

### **Event Date and Time**

Start: 10/14/2016, 02:00

End: 10/17/2016, 14:30

### **Event Type**

Wind

**Service Areas Significantly Affected**

Whatcom County, Skagit County, Island County, N. King County, Pierce County, Thurston County, Kitsap County, Vashon Island, Kittitas County

### **Number of Customers Affected**

System wide, approximately 176,642 customers were without power during the course of this event.

### **Summary of System Impacts**

|  |  |
| --- | --- |
| **Total Number of Outages** | **539** |

|  |  |
| --- | --- |
| Transmission Lines Affected | 3 |
| Substations Offline | 2 |

### **Mobilization Summary**

####  Operating Bases Placed In Emergency Status

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Base** | **Date Opened** | **Time Opened** | **Date Closed** | **Time Closed** |
| Whatcom/Skagit/Island | 10/14/16 | 06:00 | 10/16/16 | 13:00 |
| North King | 10/14/16 | 16:30 | 10/15/16 | 08:00 |
| South King | N/A |
| Pierce | 10/14/16 | 12:00 | 10/15/16 | 01:30 |
| Thurston | 10/15/16 | 15:00 | 10/16/16 | 06:30 |
| Kitsap | 10/14/16 | 11:00 | 10/16/16 | 21:30 |
| Vashon | 10/14/16 | 11:00 | 10/16/16 | 21:30 |
| Kittitas | 10/14/16 | 16:30 | 10/15/16 | 08:00 |

####  Emergency Coordination Center (ECC)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ECC** | **Date Opened** | **Time Opened** | **Date Closed** | **Time Closed** |
|  | 10/14/16 | 16:00 | 10/16/16 | 04:30 |

# **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 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) |
| 10/14/2016 02:00 – 10/17/2016 14:30 | 42,173,033 | 1,129,483 | 37.34 |

### **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 | 36.4 |  $1,868,908  |
| 3/10/2016 | 48.5 |  $3,884,549  |
| 3/13/2016 | 115.4 |  $2,246,543  |
| 10/14/2016 | 27.4 |  $ - |

# **Event Restoration – YTD 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  |
| 3/10/2016 |  $-  |  $288,026  |  $311,793  |  $3,884,549  |  $4,196,342  |  $4,484,368  |
| 3/13/2016 |  $4,401,933  |  $367,877  |  $512,480  |  $2,246,543  |  $7,160,956  |  $7,528,833  |
| 10/14/2016 |  $5,889,690  |  $325,676  |  $421,908  |  $-  |  $6,311,598  |  $6,637,274  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Qualifying Events Deferred Account | Capital | O&M - Not Deferrable | O&M - Deferrable Accumulation | Total O&M | Total |
|  $10,469,306  |  $1,134,571  |  $1,424,626  |  $8,000,000  |  $19,893,932  |  $21,028,503  |

# **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**

**October 14, 2016**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00318182-1 | 10/14/2016 | 12:02:22 AM | ALG-12 | EAC | TV | OCO |  24  |  14,503  |
| P00318188-1 | 10/14/2016 | 12:10:57 AM | COT-13 | EBD | TV | UTC |  125  |  16,033  |
| P00317981-1 | 10/14/2016 | 12:13:56 AM | PGA-13 | ECE | TV | OCO |  5  |  2,205  |
| P00318193-1 | 10/14/2016 | 12:17:03 AM | BCH-16 | EAA | TV | OCO |  46  |  4,915  |
| P00318194-1 | 10/14/2016 | 12:19:35 AM | HAN-15 | EAA | TV | OFU |  6  |  574  |
| P00318244-1 | 10/14/2016 | 12:29:35 AM | BRS-13 | EAC | TV | OFU |  15  |  36,908  |
| P00318200-1 | 10/14/2016 | 12:30:10 AM | KIN-22 | ECE | TV | OFU |  7  |  1,374  |
| P00318201-1 | 10/14/2016 | 12:30:15 AM | PMA-15 | ECE | TV | OFU |  13  |  4,513  |
| P00318207-1 | 10/14/2016 | 12:45:46 AM | SCH-16 | EAA | TV | OFU |  40  |  6,056  |
| P00318208-1 | 10/14/2016 | 12:46:26 AM | VAS-13 | EBL | TV | OFU |  118  |  25,486  |
| P00318226-1 | 10/14/2016 | 12:56:54 AM | VAS-12 | EBL | TV | OFU |  44  |  15,335  |
| P00318214-1 | 10/14/2016 | 1:01:40 AM | PMA-13 | ECE | TV | OCO |  6  |  3,617  |
| P00318216-1 | 10/14/2016 | 1:03:30 AM | ING-13 | EBD | TV | OCO |  1,842  |  170,324  |
| P00318221-1 | 10/14/2016 | 1:04:45 AM | SAH-17 | EBD | TV | OCO |  8  |  4,037  |
| P00318228-1 | 10/14/2016 | 1:08:50 AM | BIG-15 | EAC | TV | OFU |  82  |  95,354  |
| P00318233-1 | 10/14/2016 | 1:17:59 AM | MAP-15 | EBE | EF | UPC |  4  |  2,616  |
| P00318235-1 | 10/14/2016 | 1:26:36 AM | RDO-13 | EBJ | UN | UPC |  25  |  16,842  |
| P00318237-1 | 10/14/2016 | 1:30:40 AM | GLC-12 | EBJ | TV | OTF |  2  |  89  |
| P00318238-1 | 10/14/2016 | 1:30:50 AM | KIN-24 | ECE | TV | OFU |  35  |  2,386  |
| P00318242-1 | 10/14/2016 | 1:37:53 AM | HAM-13 | EAC | TV | OFU |  50  |  17,002  |
| P00318196-1 | 10/14/2016 | 1:48:22 AM | FLD-13 | EAD | TV | OCO |  -  |  45,562  |
| P00318170-1 | 10/14/2016 | 1:59:21 AM | MIL-17 | ECE | TV | OCO |  2  |  792  |
| P00318247-1 | 10/14/2016 | 2:00:43 AM | HAN-16 | EAA | TV | OFU |  15  |  731  |
| P00318249-1 | 10/14/2016 | 2:03:17 AM | BIG-15 | EAC | TV | OCO |  78  |  74,513  |
| P00318251-1 | 10/14/2016 | 2:05:28 AM | HAM-15 | EAC | OD | OCO |  23  |  5,554  |
| P00318254-1 | 10/14/2016 | 2:18:08 AM | NBE-13 | EBF | TV | OPO |  23  |  11,537  |
| P00318259-1 | 10/14/2016 | 2:24:15 AM | PMA-12 | ECE | TV | OFU |  54  |  5,204  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00318258-1 | 10/14/2016 | 2:25:46 AM | FAL-13 | EBF | TV | OTF |  1  |  247  |
| P00318263-1 | 10/14/2016 | 2:47:57 AM | HAN-16 | EAA | TV | PTF |  1  |  1  |
| P00318265-1 | 10/14/2016 | 3:05:34 AM | HAM-15 | EAC | TV | OFU |  19  |  3,014  |
| P00318269-1 | 10/14/2016 | 3:09:13 AM | BIG-12 | EAC | TV | OFU |  -  |  59  |
| P00318284-1 | 10/14/2016 | 3:15:11 AM | BIG-12 | EAC | TV | OCO |  153  |  49,776  |
| P00318276-1 | 10/14/2016 | 3:33:33 AM | MCA-13 | ECC | TV | OTF |  2  |  309  |
| P00318283-1 | 10/14/2016 | 3:36:24 AM | EDG-12 | ECA | UN | OTF |  3  |  148  |
| P00318286-1 | 10/14/2016 | 3:46:17 AM | ELD-25 | ECC | EF | OFU |  1  |  462  |
| P00318289-1 | 10/14/2016 | 3:54:09 AM | HAM-15 | EAC | TV | OCO |  131  |  17,030  |
| P00318267-1 | 10/14/2016 | 3:54:48 AM | BRS-24 | EAC | TV | OCO |  18  |  9,546  |
| P00318290-1 | 10/14/2016 | 3:55:18 AM | KIN-21 | ECE | TV | OFU |  20  |  2,049  |
| P00318239-1 | 10/14/2016 | 4:21:40 AM | MSI-22 | EBF | TV | OCO |  6  |  2,924  |
| P00318294-1 | 10/14/2016 | 4:45:25 AM | FLD-13 | EAD | UN | UTC |  5  |  468  |
| P00318295-1 | 10/14/2016 | 4:46:18 AM | FLD-12 | EAD | TV | OFU |  14  |  2,353  |
| P00318296-1 | 10/14/2016 | 4:47:48 AM | BCH-16 | EAA | TV | OFU |  45  |  13,497  |
| P00318299-1 | 10/14/2016 | 4:59:40 AM | PGA-13 | ECE | TV | OTR |  1  |  614  |
| P00318300-1 | 10/14/2016 | 5:03:32 AM | LAC-13 | ECC | EF | UFJ |  17  |  6,646  |
| P00318303-1 | 10/14/2016 | 5:12:12 AM | FRA-15 | ECD | TV | OCO |  1,436  |  120,121  |
| P00318314-1 | 10/14/2016 | 5:55:43 AM | FAL-13 | EBF | TV | OCO |  64  |  9,398  |
| P00318316-1 | 10/14/2016 | 6:00:18 AM | SEQ-17 | EBJ | UN | UPC |  21  |  7,205  |
| P00318320-1 | 10/14/2016 | 6:04:42 AM | BIG-12 | EAC | TV | OFU |  1  |  1,681  |
| P00318460-1 | 10/14/2016 | 6:09:33 AM | SHE-26 | ECE | TV | OHR |  495  |  315,233  |
| P00318360-1 | 10/14/2016 | 6:21:24 AM | CHI-12 | ECD | TV | OCO |  -  |  16,263  |
| P00318327-1 | 10/14/2016 | 6:23:47 AM | SIL-13 | ECE | TV | OCO |  47  |  19,545  |
| P00318328-1 | 10/14/2016 | 6:24:36 AM | PGA-12 | ECE | TV | OCO |  62  |  13,150  |
| P00318335-1 | 10/14/2016 | 6:29:41 AM | EPO-15 | ECD | TV | OCO |  6  |  3,117  |
| P00318336-1 | 10/14/2016 | 6:29:47 AM | CHA-15 | ECC | LI | OTR |  1  |  559  |
| P00318681-1 | 10/14/2016 | 6:36:51 AM | WIN-12 | ECE | TV | OCO |  59  |  23,950  |
| P00318431-1 | 10/14/2016 | 6:37:00 AM | MCW-15 | ECE | TV | OCO |  1,587  |  159,917  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00318435-1 | 10/14/2016 | 6:41:00 AM | MAN-13 | ECD | TV | OCO |  656  |  182,058  |
| P00318395-1 | 10/14/2016 | 6:43:41 AM | PMA-15 | ECE | TV | OCO |  1,290  |  199,112  |
| P00318442-1 | 10/14/2016 | 6:43:59 AM | KIN-24 | ECE | TV | OCO |  57  |  56,094  |
| P00318437-1 | 10/14/2016 | 6:51:50 AM | CUS-16 | EAA | EF | OTF |  1  |  71  |
| P00318452-1 | 10/14/2016 | 6:59:50 AM | MCA-13 | ECC | TV | OSV |  2  |  2,364  |
| P00318453-1 | 10/14/2016 | 7:00:03 AM | PMA-13 | ECE | TV | OCO |  60  |  14,085  |
| P00318455-1 | 10/14/2016 | 7:01:27 AM | SWD-13 | ECE | TV | OFU |  13  |  10,436  |
| P00318507-1 | 10/14/2016 | 7:03:58 AM | MIL-22 | ECE | TV | OCO |  13  |  22,825  |
| P00318549-1 | 10/14/2016 | 7:10:58 AM | CHA-15 | ECC | LI | OTF |  2  |  108  |
| P00318504-1 | 10/14/2016 | 7:13:06 AM | BAR-17 | ECC | TV | OFU |  22  |  2,122  |
| P00318481-1 | 10/14/2016 | 7:21:03 AM | SKE-26 | ECE | EF | OSV |  4  |  6,606  |
| P00318485-1 | 10/14/2016 | 7:22:16 AM | SKI-13 | EBD | TV | OCO |  1,747  |  184,501  |
| P00318490-1 | 10/14/2016 | 7:28:50 AM | LGY-12 | EAD | TV | OSV |  1  |  1,104  |
| P00318493-1 | 10/14/2016 | 7:30:38 AM | BAK-25 | EAA | TV | OCO |  114  |  66,734  |
| P00318196-2 | 10/14/2016 | 7:33:32 AM | FLD-13 | EAD | TV | OCO |  254  |  32,605  |
| P00318502-1 | 10/14/2016 | 7:37:53 AM | VWY-13 | EAA | OD | SCB |  836  |  54,424  |
| P00318506-1 | 10/14/2016 | 7:41:38 AM | LYO-15 | EBJ | TV | OCO |  1,217  |  124,330  |
| P00318505-1 | 10/14/2016 | 7:41:54 AM | NUG-26 | EAA | TV | OFU |  14  |  1,876  |
| P00318190-2 | 10/14/2016 | 7:43:00 AM | VWY-15 | EAA | TV | OCO |  24  |  2,238  |
| P00318509-1 | 10/14/2016 | 7:44:12 AM | LMC-25 | EBE | TV | OFU |  7  |  568  |
| P00318512-1 | 10/14/2016 | 7:44:23 AM | BRE-22 | ECE | TV | OCO |  816  |  110,101  |
| P00318510-1 | 10/14/2016 | 7:44:36 AM | ING-17 | EBD | TV | OCO |  1  |  301  |
| P00318513-1 | 10/14/2016 | 7:45:00 AM | GLC-15 | EBJ | TV | OCO |  26  |  4,410  |
| P00319652-1 | 10/14/2016 | 7:45:48 AM | BLA-13 | EAA | TV | OHR |  463  |  242,975  |
| P00318558-1 | 10/14/2016 | 7:51:52 AM | LGY-16 | EAD | TV | OFU |  20  |  6,722  |
| P00318525-1 | 10/14/2016 | 7:52:16 AM | GRV-13 | ECA | TV | OFU |  13  |  942  |
| P00318529-1 | 10/14/2016 | 7:53:06 AM | SCH-13 | EAA | TV | OHR |  1,267  |  123,849  |
| P00318528-1 | 10/14/2016 | 7:53:21 AM | HAP-16 | EAA | EF | OSV |  1  |  234  |
| P00318539-1 | 10/14/2016 | 7:56:12 AM | FRG-24 | ECC | UN | OCO |  22  |  2,341  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00318544-1 | 10/14/2016 | 7:57:56 AM | NOR-23 | EBD | TV | OCO |  2  |  184  |
| P00318334-1 | 10/14/2016 | 7:58:57 AM | MIL-17 | ECE | TV | OCO |  1  |  1,922  |
| P00318546-1 | 10/14/2016 | 8:01:00 AM | WIN-13 | ECE | TV | OCO |  192  |  12,422  |
| P00318548-1 | 10/14/2016 | 8:01:29 AM | LGY-16 | EAD | TV | OFU |  17  |  2,769  |
| P00322157-1 | 10/14/2016 | 8:04:05 AM | CHI-12 | ECD | TV | OCO |  7  |  19,461  |
| P00318552-1 | 10/14/2016 | 8:04:14 AM | VWY-15 | EAA | OD | OFU |  12  |  1,086  |
| P00318596-1 | 10/14/2016 | 8:07:11 AM | SEM-15 | EAA | TV | OFU |  171  |  18,411  |
| P00318561-1 | 10/14/2016 | 8:11:26 AM | SNQ-13 | EBF | TV | OCO |  4  |  425  |
| P00318564-1 | 10/14/2016 | 8:12:38 AM | LOL-23 | ECD | EF | OTR |  2  |  1,503  |
| P00318193-2 | 10/14/2016 | 8:18:11 AM | BCH-16 | EAA | TV | OCO |  100  |  8,955  |
| P00321164-1 | 10/14/2016 | 8:20:35 AM | HAM-13 | EAC | TV | OPO |  243  |  136,709  |
| P00318579-1 | 10/14/2016 | 8:24:46 AM | SCH-15 | EAA | TV | OCO |  4  |  1,191  |
| P00323160-1 | 10/14/2016 | 8:25:02 AM | BIG-12 | EAC | TV | OCO |  60  |  178,261  |
| P00318582-1 | 10/14/2016 | 8:25:12 AM | DES-15 | EBJ | TV | OCO |  202  |  14,343  |
| P00318620-1 | 10/14/2016 | 8:26:29 AM | SCH-15 | EAA | TV | OFU |  2  |  236  |
| P00319326-1 | 10/14/2016 | 8:35:00 AM | PMA-12 | ECE | TV | OPO |  860  |  1,227,553  |
| P00318267-2 | 10/14/2016 | 8:37:02 AM | BRS-24 | EAC | TV | OCO |  9  |  1,742  |
| P00318611-1 | 10/14/2016 | 8:44:18 AM | BIG-15 | EAC | TV | OTR |  3  |  672  |
| P00318615-1 | 10/14/2016 | 8:45:45 AM | MKI-17 | ECC | TV | OCO |  8  |  3,744  |
| P00318618-1 | 10/14/2016 | 8:46:14 AM | NLM-15 | EAC | UN | SCB |  683  |  31,008  |
| P00320130-1 | 10/14/2016 | 8:51:00 AM | CUS-13 | EAA | TV | OCO |  21  |  36,893  |
| P00318633-1 | 10/14/2016 | 8:56:41 AM | YEL-27 | ECC | TV | OFU |  57  |  5,625  |
| P00318653-1 | 10/14/2016 | 9:12:22 AM | LON-23 | ECC | TV | OCO |  52  |  51,688  |
| P00318668-1 | 10/14/2016 | 9:14:40 AM | RAI-13 | ECC | TV | OCO |  109  |  50,353  |
| P00318563-1 | 10/14/2016 | 9:25:09 AM | LMC-23 | EBE | OD | OCO |  17  |  679  |
| P00318679-1 | 10/14/2016 | 9:26:38 AM | LEA-16 | EBJ | TV | OCO |  2,536  |  110,613  |
| P00318683-1 | 10/14/2016 | 9:29:00 AM | GAR-16 | ECA | TV | OCO |  2,121  |  97,814  |
| P00318765-1 | 10/14/2016 | 9:30:00 AM | TLN-0088 | EBJ | TV | OCO |  3,237  |  785,439  |
| P00311554-1 | 10/14/2016 | 9:33:39 AM | RHO-13 | ECA | SO | OCO |  31  |  3,260  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00321761-1 | 10/14/2016 | 9:35:32 AM | MIL-17 | ECE | TV | OCO |  126  |  221,491  |
| P00318758-1 | 10/14/2016 | 9:39:10 AM | RAI-12 | ECC | TV | OCO |  34  |  17,305  |
| P00318766-1 | 10/14/2016 | 9:40:49 AM | CAR-13 | EAA | EF | OTR |  2  |  5,522  |
| P00318768-1 | 10/14/2016 | 9:41:08 AM | RAI-12 | ECC | TV | OPO |  4  |  2,781  |
| P00318772-1 | 10/14/2016 | 9:43:10 AM | PIN-26 | EBD | TV | OCO |  79  |  10,423  |
| P00318781-1 | 10/14/2016 | 9:46:00 AM | PEA-16 | EBJ | TV | OHR |  272  |  31,910  |
| P00318780-1 | 10/14/2016 | 9:47:09 AM | CPV-15 | EAD | TV | OCO |  21  |  11,125  |
| P00318788-1 | 10/14/2016 | 9:51:15 AM | PMA-16 | ECE | TV | OIN |  27  |  5,067  |
| P00318791-1 | 10/14/2016 | 9:52:04 AM | SEM-15 | EAA | EF | OTF |  1  |  83  |
| P00318805-1 | 10/14/2016 | 9:56:46 AM | GRI-15 | ECC | TV | OCO |  2  |  310  |
| P00318968-1 | 10/14/2016 | 9:58:21 AM | VWY-12 | EAA | EF | OCO |  80  |  58,480  |
| P00318815-1 | 10/14/2016 | 9:59:28 AM | PAT-15 | ECC | TV | OCO |  5  |  953  |
| P00318824-1 | 10/14/2016 | 10:02:06 AM | NBO-25 | EBD | TV | OCO |  1,175  |  123,766  |
| P00318821-1 | 10/14/2016 | 10:02:37 AM | HWD-26 | EBD | TV | OCO |  102  |  12,245  |
| P00318825-1 | 10/14/2016 | 10:02:59 AM | LGY-16 | EAD | EF | UPC |  2  |  2,854  |
| P00318833-1 | 10/14/2016 | 10:05:02 AM | MAP-15 | EBE | TV | OFU |  3  |  304  |
| P00318835-1 | 10/14/2016 | 10:05:33 AM | LYO-15 | EBJ | TV | OCO |  360  |  186,942  |
| P00318844-1 | 10/14/2016 | 10:07:25 AM | FRA-12 | ECD | TV | OCO |  2  |  6,648  |
| P00318847-1 | 10/14/2016 | 10:07:39 AM | CHA-15 | ECC | LI | OTF |  1  |  76  |
| P00318852-1 | 10/14/2016 | 10:08:50 AM | GAR-13 | ECA | TV | OCO |  48  |  24,690  |
| P00318854-1 | 10/14/2016 | 10:09:41 AM | SME-12 | EBE | TV | OCO |  64  |  36,560  |
| P00318856-1 | 10/14/2016 | 10:10:26 AM | LGY-16 | EAD | TV | OTF |  1  |  939  |
| P00318878-1 | 10/14/2016 | 10:18:33 AM | ALG-15 | EAA | TV | OCO |  28  |  8,232  |
| P00318884-1 | 10/14/2016 | 10:19:34 AM | SNQ-17 | EBF | TV | OFU |  35  |  12,382  |
| P00318888-1 | 10/14/2016 | 10:20:57 AM | CHI-12 | ECD | TV | OCO |  2,365  |  229,760  |
| P00318917-1 | 10/14/2016 | 10:23:11 AM | FWD-17 | EBJ | TV | OCO |  5  |  1,122  |
| P00318962-1 | 10/14/2016 | 10:31:08 AM | ROL-17 | EBJ | EF | OCO |  81  |  8,937  |
| P00319048-1 | 10/14/2016 | 10:35:17 AM | BON-13 | ECA | TV | OFU |  12  |  1,044  |
| P00318976-1 | 10/14/2016 | 10:36:44 AM | SIL-15 | ECE | TV | OPO |  2  |  2,194  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00318979-1 | 10/14/2016 | 10:38:01 AM | CHI-12 | ECD | TV | OCO |  56  |  123,049  |
| P00318980-1 | 10/14/2016 | 10:38:26 AM | MAP-16 | EBE | TV | OSV |  6  |  591  |
| P00318983-1 | 10/14/2016 | 10:38:59 AM | FNW-16 | ECD | TV | OCO |  1,244  |  149,093  |
| P00319020-1 | 10/14/2016 | 10:42:54 AM | KEN-12 | EAA | TV | OFU |  25  |  9,438  |
| P00319024-1 | 10/14/2016 | 10:44:20 AM | KIN-24 | ECE | TV | OCO |  795  |  31,985  |
| P00320709-1 | 10/14/2016 | 10:45:02 AM | MAN-16 | ECD | TV | OCO |  126  |  145,920  |
| P00319093-1 | 10/14/2016 | 10:47:40 AM | SHE-26 | ECE | TV | OCO |  356  |  74,565  |
| P00320807-1 | 10/14/2016 | 10:49:24 AM | PGA-13 | ECE | UN | OCO |  670  |  455,739  |
| P00319045-1 | 10/14/2016 | 10:53:24 AM | MHT-15 | EBJ | UN | OFC |  2  |  655  |
| P00319046-1 | 10/14/2016 | 10:54:26 AM | HOB-17 | EBI | TV | OCO |  24  |  9,601  |
| P00319047-1 | 10/14/2016 | 10:54:27 AM | BRW-16 | EAC | EF | UTR |  193  |  42,668  |
| P00319050-1 | 10/14/2016 | 10:55:47 AM | LGY-16 | EAD | TV | OFU |  94  |  15,917  |
| P00319055-1 | 10/14/2016 | 10:58:05 AM | LGY-16 | EAD | TV | OFU |  74  |  8,727  |
| P00319057-1 | 10/14/2016 | 10:58:59 AM | LGY-16 | EAD | TV | OTF |  2  |  1,785  |
| P00319068-1 | 10/14/2016 | 11:04:34 AM | FNW-17 | ECD | TV | OCO |  1,665  |  437,430  |
| P00319072-1 | 10/14/2016 | 11:05:05 AM | MCK-15 | EAA | EF | UTR |  19  |  13,231  |
| P00319104-1 | 10/14/2016 | 11:06:22 AM | FNW-15 | ECD | TV | OCO |  1,934  |  102,324  |
| P00319118-1 | 10/14/2016 | 11:09:27 AM | FNW-13 | ECD | TV | OCO |  2  |  5,864  |
| P00319128-1 | 10/14/2016 | 11:12:11 AM | LGY-16 | EAD | TV | OFU |  48  |  9,406  |
| P00319132-1 | 10/14/2016 | 11:13:01 AM | BRI-14 | EAA | TV | OFU |  16  |  1,721  |
| P00319108-1 | 10/14/2016 | 11:13:07 AM | RAI-13 | ECC | TV | OFU |  3  |  4  |
| P00319139-1 | 10/14/2016 | 11:14:00 AM | MIL-23 | ECE | TV | OCO |  204  |  98,530  |
| P00319154-1 | 10/14/2016 | 11:17:56 AM | LGY-16 | EAD | EF | UTC |  72  |  5,615  |
| P00319163-1 | 10/14/2016 | 11:21:34 AM | HWD-25 | EBD | TV | OCO |  10  |  6,672  |
| P00319167-1 | 10/14/2016 | 11:22:19 AM | MAN-13 | ECD | TV | OTF |  1  |  3,250  |
| P00319168-1 | 10/14/2016 | 11:22:38 AM | MIL-16 | ECE | TV | OCO |  3  |  5,223  |
| P00319171-1 | 10/14/2016 | 11:23:41 AM | BCH-15 | EAA | TV | OCO |  568  |  89,263  |
| P00319194-1 | 10/14/2016 | 11:28:32 AM | PTR-14 | EAA | TV | OCO |  30  |  91,649  |
| P00319198-1 | 10/14/2016 | 11:31:04 AM | WIS-16 | EBF | TV | OCO |  6  |  4,158  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00319199-1 | 10/14/2016 | 11:31:26 AM | AIR-23 | ECC | TV | OPO |  956  |  153,907  |
| P00319205-1 | 10/14/2016 | 11:32:00 AM | PMA-13 | ECE | TV | OCO |  904  |  363,956  |
| P00319210-1 | 10/14/2016 | 11:34:44 AM | SCH-15 | EAA | TV | OCO |  21  |  33,397  |
| P00319211-1 | 10/14/2016 | 11:35:26 AM | NLM-15 | EAC | TV | OTF |  1  |  2,098  |
| P00319212-1 | 10/14/2016 | 11:35:45 AM | NBO-26 | EBD | TV | OCO |  49  |  5,270  |
| P00319214-1 | 10/14/2016 | 11:35:50 AM | LAC-17 | ECC | EF | UFJ |  142  |  66,622  |
| P00319222-1 | 10/14/2016 | 11:36:15 AM | SHE-17 | ECE | UN | OCO |  2,463  |  281,440  |
| P00319230-1 | 10/14/2016 | 11:37:50 AM | BHS-12 | EAA | TV | SCB |  631  |  62,890  |
| P00319234-1 | 10/14/2016 | 11:39:38 AM | FLD-13 | EAD | TV | OFU |  17  |  22,945  |
| P00319246-1 | 10/14/2016 | 11:44:06 AM | YEL-26 | ECC | EF | OCO |  1,485  |  197,379  |
| P00320071-1 | 10/14/2016 | 11:45:15 AM | FLD-12 | EAD | TV | OCO |  128  |  93,657  |
| P00319256-1 | 10/14/2016 | 11:45:56 AM | MCK-16 | EAA | OD | SCB |  982  |  43,191  |
| P00321555-1 | 10/14/2016 | 11:46:00 AM | SCH-15 | EAA | TV | OCO |  130  |  234,619  |
| P00319259-1 | 10/14/2016 | 11:47:44 AM | BKB-13 | EAC | TV | OTR |  13  |  15,927  |
| P00319260-1 | 10/14/2016 | 11:48:09 AM | FLD-13 | EAD | TV | OSV |  1  |  1,612  |
| P00319265-1 | 10/14/2016 | 11:49:26 AM | WIN-15 | ECE | TV | OCO |  768  |  478,265  |
| P00319266-1 | 10/14/2016 | 11:49:45 AM | WLS-13 | EAC | TV | OFU |  196  |  49,565  |
| P00319394-1 | 10/14/2016 | 11:49:45 AM | WLS-13 | EAC | TV | UTC |  66  |  16,344  |
| P00319094-1 | 10/14/2016 | 11:49:54 AM | SCH-16 | EAA | TV | OCO |  4  |  1,238  |
| P00319281-1 | 10/14/2016 | 11:52:32 AM | LYN-14 | EAA | TV | OTF |  1  |  1,552  |
| P00319297-1 | 10/14/2016 | 11:53:12 AM | SLA-17 | EAA | TV | OFU |  198  |  13,712  |
| P00319291-1 | 10/14/2016 | 11:53:34 AM | WIN-13 | ECE | TV | OSV |  1  |  2,160  |
| P00319302-1 | 10/14/2016 | 11:55:52 AM | NLM-16 | EAC | TV | SCB |  1,748  |  114,377  |
| P00319310-1 | 10/14/2016 | 12:00:13 PM | BRO-16 | EAD | TV | OTF |  3  |  2,047  |
| P00319318-1 | 10/14/2016 | 12:01:20 PM | SKE-23 | ECE | TV | OCO |  4  |  10,931  |
| P00319320-1 | 10/14/2016 | 12:01:49 PM | HKX-16 | EAC | TV | OCO |  13  |  22,470  |
| P00319356-1 | 10/14/2016 | 12:07:00 PM | KEN-13 | EAA | TV | OCO |  401  |  320,426  |
| P00319363-1 | 10/14/2016 | 12:07:38 PM | VWY-12 | EAA | TV | OCO |  62  |  31,358  |
| P00319357-1 | 10/14/2016 | 12:09:02 PM | WLS-15 | EAC | TV | OFU |  27  |  40,935  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00319358-1 | 10/14/2016 | 12:09:20 PM | KIN-21 | ECE | TV | OCO |  8  |  21,185  |
| P00321197-1 | 10/14/2016 | 12:09:23 PM | SLA-15 | EAA | TV | OFU |  104  |  95,722  |
| P00319886-1 | 10/14/2016 | 12:10:30 PM | CHI-12 | ECD | TV | OCR |  2,396  |  888,787  |
| P00319365-1 | 10/14/2016 | 12:11:28 PM | SIL-13 | ECE | TV | OCO |  36  |  76,389  |
| P00319494-1 | 10/14/2016 | 12:12:19 PM | SCH-13 | EAA | TV | OFU |  40  |  66,529  |
| P00319384-1 | 10/14/2016 | 12:15:02 PM | VWY-15 | EAA | TV | OCO |  83  |  157,965  |
| P00319385-1 | 10/14/2016 | 12:15:06 PM | WLS-15 | EAC | TV | OCO |  67  |  76,713  |
| P00319397-1 | 10/14/2016 | 12:17:18 PM | KWH-22 | EBE | UN | OTF |  11  |  2,838  |
| P00319405-1 | 10/14/2016 | 12:17:54 PM | BEL-26 | EBJ | TV | OCO |  996  |  123,670  |
| P00319403-1 | 10/14/2016 | 12:18:27 PM | LAB-25 | EAA | OD | OFU |  18  |  13,298  |
| P00319404-1 | 10/14/2016 | 12:18:46 PM | SUM-21 | EAC | TV | OCO |  3  |  4,918  |
| P00321167-1 | 10/14/2016 | 12:20:09 PM | BIG-12 | EAC | TV | OCO |  32  |  25,925  |
| P00319410-1 | 10/14/2016 | 12:20:35 PM | FAL-13 | EBF | TV | OTF |  1  |  386  |
| P00318963-1 | 10/14/2016 | 12:20:58 PM | MLK-15 | EBE | TV | OCO |  32  |  623  |
| P00319406-1 | 10/14/2016 | 12:21:36 PM | BIG-12 | EAC | TV | OCO |  98  |  89,646  |
| P00319464-1 | 10/14/2016 | 12:22:35 PM | BIG-12 | EAC | TV | OCO |  197  |  175,599  |
| P00319414-1 | 10/14/2016 | 12:22:35 PM | BCH-16 | EAA | TV | OFU |  30  |  36,405  |
| P00320123-1 | 10/14/2016 | 12:24:15 PM | FRA-13 | ECD | UN | OCO |  493  |  301,626  |
| P00319867-1 | 10/14/2016 | 12:24:16 PM | LON-22 | ECC | TV | OFU |  8  |  2,576  |
| P00319420-1 | 10/14/2016 | 12:24:48 PM | CUS-16 | EAA | TV | OCO |  107  |  91,833  |
| P00319419-1 | 10/14/2016 | 12:24:57 PM | FRA-13 | ECD | TV | OCR |  522  |  440,046  |
| P00320925-1 | 10/14/2016 | 12:26:00 PM | MIL-22 | ECE | TV | OCO |  17  |  24,504  |
| P00319469-1 | 10/14/2016 | 12:27:50 PM | MAN-13 | ECD | EF | OHR |  1,016  |  2,162  |
| P00319472-1 | 10/14/2016 | 12:28:59 PM | PIN-25 | EBD | TV | OAR |  90  |  60,932  |
| P00319473-1 | 10/14/2016 | 12:29:16 PM | SCH-16 | EAA | TV | OCO |  62  |  50,899  |
| P00319324-1 | 10/14/2016 | 12:31:20 PM | BON-15 | ECA | TV | OFU |  41  |  1,603  |
| P00320728-1 | 10/14/2016 | 12:31:58 PM | PGA-12 | ECE | TV | OCO |  182  |  107,839  |
| P00319490-1 | 10/14/2016 | 12:32:00 PM | FRA-15 | ECD | TV | OCR |  1,436  |  396,889  |
| P00319510-1 | 10/14/2016 | 12:38:26 PM | LOL-21 | ECD | TV | OCO |  1,535  |  138,611  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00319511-1 | 10/14/2016 | 12:39:21 PM | LAB-23 | EAA | TV | OFU |  5  |  396  |
| P00321563-1 | 10/14/2016 | 12:41:29 PM | VWY-13 | EAA | TV | OCO |  13  |  30,181  |
| P00319548-1 | 10/14/2016 | 12:42:00 PM | LYN-14 | EAA | TV | OCO |  643  |  185,113  |
| P00319525-1 | 10/14/2016 | 12:42:25 PM | SCH-13 | EAA | EF | OPO |  1,267  |  178,841  |
| P00319537-1 | 10/14/2016 | 12:44:24 PM | SAH-15 | EBD | TV | OCO |  50  |  13,043  |
| P00319545-1 | 10/14/2016 | 12:46:13 PM | CPV-15 | EAD | TV | OFU |  77  |  6,589  |
| P00319561-1 | 10/14/2016 | 12:47:07 PM | BHL-16 | ECE | TV | OCO |  1,048  |  110,756  |
| P00319553-1 | 10/14/2016 | 12:47:10 PM | ALG-15 | EAC | TV | OHR |  1,368  |  98,404  |
| P00319562-1 | 10/14/2016 | 12:48:26 PM | BHL-15 | ECE | TV | OCO |  265  |  37,211  |
| P00319573-1 | 10/14/2016 | 12:48:47 PM | ROC-15 | ECC | TV | OCO |  985  |  89,438  |
| P00319571-1 | 10/14/2016 | 12:49:29 PM | LOL-23 | ECD | TV | OCO |  30  |  36,550  |
| P00319581-1 | 10/14/2016 | 12:51:13 PM | NUG-26 | EAA | UN | OFU |  94  |  37,697  |
| P00319592-1 | 10/14/2016 | 12:52:12 PM | GOO-16 | EBF | TV | OCO |  1,099  |  77,516  |
| P00319586-1 | 10/14/2016 | 12:52:26 PM | RIV-16 | EAC | TV | OFU |  23  |  27,384  |
| P00319587-1 | 10/14/2016 | 12:52:44 PM | GBK-15 | EAD | TV | OCO |  14  |  21,170  |
| P00319600-1 | 10/14/2016 | 12:54:50 PM | HKX-13 | EAC | TV | OCO |  -  |  18,171  |
| P00321554-1 | 10/14/2016 | 12:56:07 PM | HAN-16 | EAA | TV | OCO |  29  |  57,324  |
| P00319605-1 | 10/14/2016 | 12:56:16 PM | FAL-15 | EBF | TV | OCO |  142  |  46,136  |
| P00321507-1 | 10/14/2016 | 12:56:26 PM | BIG-12 | EAC | TV | OCO |  2  |  3,789  |
| P00319610-1 | 10/14/2016 | 12:57:07 PM | FAB-15 | EAD | EF | OTF |  5  |  5,601  |
| P00319643-1 | 10/14/2016 | 12:57:29 PM | POU-16 | ECE | TV | OCO |  182  |  31,291  |
| P00319617-1 | 10/14/2016 | 12:58:04 PM | VAS-13 | EBL | TV | OFU |  17  |  3,186  |
| P00319621-1 | 10/14/2016 | 12:58:21 PM | WIS-13 | EBF | TV | OCO |  7  |  3,293  |
| P00322740-1 | 10/14/2016 | 12:58:48 PM | HAM-13 | EAC | TV | OFU |  65  |  148,823  |
| P00319628-1 | 10/14/2016 | 12:59:09 PM | SIL-13 | ECE | TV | OCO |  13  |  21,862  |
| P00319631-1 | 10/14/2016 | 12:59:31 PM | SLA-16 | EAA | TV | OCO |  11  |  30,280  |
| P00319647-1 | 10/14/2016 | 1:00:58 PM | FAL-16 | EBF | TV | OCO |  462  |  20,898  |
| P00319800-1 | 10/14/2016 | 1:01:09 PM | CWD-25 | EBD | TV | OCO |  -  |  21  |
| P00319644-1 | 10/14/2016 | 1:01:29 PM | SNQ-13 | EBF | TV | OCO |  11  |  8,656  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00318962-2 | 10/14/2016 | 1:01:45 PM | ROL-17 | EBJ | TV | OCO |  154  |  14,837  |
| P00319648-1 | 10/14/2016 | 1:02:04 PM | LMC-23 | EBE | UN | OFU |  131  |  11,797  |
| P00319654-1 | 10/14/2016 | 1:02:41 PM | VAS-23 | EBL | UN | UPC |  16  |  14,657  |
| P00319661-1 | 10/14/2016 | 1:03:18 PM | LGY-16 | EAD | TV | OCO |  87  |  14,896  |
| P00320946-1 | 10/14/2016 | 1:03:25 PM | NLM-16 | EAC | TV | OCO |  19  |  6,720  |
| P00319671-1 | 10/14/2016 | 1:04:44 PM | FRA-13 | ECD | TV | OCO |  166  |  260,905  |
| P00319673-1 | 10/14/2016 | 1:04:56 PM | MCA-15 | ECC | TV | OFU |  3  |  852  |
| P00319728-1 | 10/14/2016 | 1:06:00 PM | NLM-16 | EAC | TV | OCO |  971  |  267,260  |
| P00320830-1 | 10/14/2016 | 1:06:11 PM | NLM-16 | EAC | TV | OCO |  -  |  15,294  |
| P00319802-1 | 10/14/2016 | 1:06:31 PM | CWD-25 | EBD | TV | OCO |  -  |  16  |
| P00319801-1 | 10/14/2016 | 1:07:08 PM | CWD-25 | EBD | TV | OCO |  -  |  15  |
| P00319695-1 | 10/14/2016 | 1:07:19 PM | FAC-25 | EBE | TV | OCO |  148  |  34,044  |
| P00319697-1 | 10/14/2016 | 1:07:37 PM | VAS-22 | EBL | EF | OTR |  1  |  1,868  |
| P00319711-1 | 10/14/2016 | 1:09:02 PM | CWD-25 | EBD | TV | OTF |  -  |  28  |
| P00319719-1 | 10/14/2016 | 1:09:40 PM | NBE-13 | EBF | TV | OCO |  28  |  5,831  |
| P00319806-1 | 10/14/2016 | 1:10:00 PM | CWD-25 | EBD | TV | OCO |  337  |  148,525  |
| P00319727-1 | 10/14/2016 | 1:10:15 PM | POU-15 | ECE | TV | OCO |  1  |  531  |
| P00319738-1 | 10/14/2016 | 1:11:19 PM | HKX-16 | EAC | TV | OFU |  385  |  221,484  |
| P00320294-1 | 10/14/2016 | 1:11:57 PM | LYO-12 | EBJ | TV | OFU |  5  |  1,361  |
| P00319746-1 | 10/14/2016 | 1:12:07 PM | BIG-15 | EAC | TV | OCO |  99  |  19,749  |
| P00318949-1 | 10/14/2016 | 1:12:10 PM | PLA-22 | EBD | TV | OCO |  2,268  |  6,128  |
| P00319751-1 | 10/14/2016 | 1:12:14 PM | BEL-13 | EBJ | TV | OCO |  1,211  |  108,339  |
| P00319753-1 | 10/14/2016 | 1:13:38 PM | ING-15 | EBD | EF | OSV |  10  |  2,264  |
| P00319773-1 | 10/14/2016 | 1:17:20 PM | EDG-12 | ECA | TV | OFU |  49  |  11,656  |
| P00319797-1 | 10/14/2016 | 1:18:50 PM | VIS-22 | EAA | OD | OCO |  1,870  |  134,515  |
| P00319780-1 | 10/14/2016 | 1:18:58 PM | BTN-36 | EAC | TV | OCO |  11  |  17,420  |
| P00319798-1 | 10/14/2016 | 1:20:59 PM | NLM-13 | EAC | UN | OCO |  80  |  131,974  |
| P00319809-1 | 10/14/2016 | 1:21:21 PM | WIN-15 | ECE | UN | OCO |  111  |  69,993  |
| P00319815-1 | 10/14/2016 | 1:22:48 PM | LTA-17 | ECA | TV | OFC |  141  |  38,625  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00319824-1 | 10/14/2016 | 1:24:54 PM | HAP-16 | EAA | TV | OIN |  35  |  49,214  |
| P00319884-1 | 10/14/2016 | 1:25:28 PM | LWS-16 | EBJ | TV | OCO |  66  |  23,824  |
| P00320181-1 | 10/14/2016 | 1:28:02 PM | BRO-15 | EAD | TV | OCO |  120  |  105,352  |
| P00321416-1 | 10/14/2016 | 1:33:14 PM | HAM-15 | EAC | TV | OCO |  67  |  156,687  |
| P00319876-1 | 10/14/2016 | 1:34:08 PM | NBE-12 | EBF | TV | OCO |  57  |  3,045  |
| P00320093-1 | 10/14/2016 | 1:35:14 PM | SNQ-17 | EBF | TV | OCO |  129  |  16,916  |
| P00321089-1 | 10/14/2016 | 1:37:41 PM | NLM-16 | EAC | TV | OCO |  38  |  12,843  |
| P00319921-1 | 10/14/2016 | 1:39:40 PM | GRI-13 | ECC | TV | OSV |  1  |  832  |
| P00320118-1 | 10/14/2016 | 1:40:00 PM | TLN-0060 | EAA | TV | SCB |  3,568  |  1,354,039  |
| P00319934-1 | 10/14/2016 | 1:41:02 PM | NBO-26 | EBD | TV | OPO |  50  |  20,886  |
| P00319939-1 | 10/14/2016 | 1:41:50 PM | SNQ-13 | EBF | TV | OCO |  91  |  30,474  |
| P00319941-1 | 10/14/2016 | 1:42:01 PM | AIR-23 | ECC | TV | OFU |  334  |  54,531  |
| P00320539-1 | 10/14/2016 | 1:43:06 PM | ELD-23 | ECC | TV | OCO |  6  |  5,682  |
| P00320311-1 | 10/14/2016 | 1:43:41 PM | TRA-26 | ECE | TV | OCO |  970  |  161,877  |
| P00319146-1 | 10/14/2016 | 1:45:00 PM | GRI-13 | ECC | TV | OPO |  79  |  59,541  |
| P00319956-1 | 10/14/2016 | 1:45:40 PM | HLC-23 | EAD | EF | UTC |  51  |  37,520  |
| P00319989-1 | 10/14/2016 | 1:45:40 PM | EPO-15 | ECD | TV | OCO |  468  |  119,646  |
| P00319958-1 | 10/14/2016 | 1:45:46 PM | AVO-17 | EBD | TV | OCO |  5  |  4,195  |
| P00319967-1 | 10/14/2016 | 1:46:02 PM | BLS-22 | EAA | TV | OCO |  635  |  218,663  |
| P00319959-1 | 10/14/2016 | 1:46:14 PM | BLU-17 | ECC | TV | OCO |  222  |  158,749  |
| P00319988-1 | 10/14/2016 | 1:48:22 PM | NNO-12 | EBJ | TV | OCO |  818  |  47,389  |
| P00320749-1 | 10/14/2016 | 1:49:20 PM | ANA-13 | EAC | EF | OJU |  21  |  8,898  |
| P00320013-1 | 10/14/2016 | 1:51:08 PM | BLA-12 | EAA | OD | OCO |  489  |  82,975  |
| P00321352-1 | 10/14/2016 | 1:51:58 PM | VWY-13 | EAA | TV | OCO |  34  |  61,275  |
| P00320015-1 | 10/14/2016 | 1:52:33 PM | EAR-15 | EBJ | EF | USE |  1  |  546  |
| P00320080-1 | 10/14/2016 | 1:54:18 PM | BHS-12 | EAA | TV | SCB |  631  |  146,834  |
| P00320084-1 | 10/14/2016 | 1:55:41 PM | CRE-16 | EAD | TV | OFU |  32  |  12,071  |
| P00321203-1 | 10/14/2016 | 1:56:07 PM | MCA-15 | ECC | TV | OFU |  7  |  1,902  |
| P00320106-1 | 10/14/2016 | 1:56:48 PM | BLS-23 | EAA | TV | SCB |  1,981  |  274,369  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00320097-1 | 10/14/2016 | 1:57:11 PM | EPO-16 | ECD | TV | OCO |  -  |  26,277  |
| P00320128-1 | 10/14/2016 | 1:58:58 PM | HAM-15 | EAC | TV | OIN |  1,319  |  438,083  |
| P00320121-1 | 10/14/2016 | 1:59:30 PM | NUG-25 | EAA | TV | OCO |  25  |  47,670  |
| P00320126-1 | 10/14/2016 | 2:00:25 PM | BLA-13 | EAA | TV | OFU |  148  |  84,717  |
| P00320143-1 | 10/14/2016 | 2:02:58 PM | HAN-16 | EAA | TV | OCO |  33  |  75,293  |
| P00321332-1 | 10/14/2016 | 2:03:17 PM | NUG-26 | EAA | TV | OCO |  59  |  134,917  |
| P00320153-1 | 10/14/2016 | 2:03:55 PM | LYN-24 | EAA | EF | UTC |  7  |  9,908  |
| P00320163-1 | 10/14/2016 | 2:05:14 PM | FNW-13 | ECD | TV | OTR |  1  |  2,820  |
| P00321334-1 | 10/14/2016 | 2:05:48 PM | NUG-26 | EAA | TV | OFU |  20  |  8,708  |
| P00320177-1 | 10/14/2016 | 2:06:59 PM | LYN-26 | EAA | TV | SCB |  2,515  |  408,519  |
| P00320799-1 | 10/14/2016 | 2:07:08 PM | BCH-16 | EAA | TV | OFU |  79  |  26,999  |
| P00320180-1 | 10/14/2016 | 2:08:00 PM | BRO-15 | EAD | TV | OCO |  339  |  63,791  |
| P00321078-1 | 10/14/2016 | 2:09:20 PM | BRS-13 | EAC | TV | OHR |  241  |  234,741  |
| P00320192-1 | 10/14/2016 | 2:11:32 PM | PMA-16 | ECE | TV | OCO |  272  |  49,499  |
| P00320195-1 | 10/14/2016 | 2:11:49 PM | BRI-14 | EAA | TV | OSV |  1  |  2,089  |
| P00320242-1 | 10/14/2016 | 2:12:52 PM | KNM-27 | EBD | TV | OCO |  272  |  107,802  |
| P00320214-1 | 10/14/2016 | 2:13:48 PM | SCH-16 | EAA | TV | OSV |  3  |  4,538  |
| P00321422-1 | 10/14/2016 | 2:15:13 PM | HKX-16 | EAC | TV | OCO |  54  |  30,848  |
| P00320232-1 | 10/14/2016 | 2:15:30 PM | SNN-21 | EAA | TV | SCB |  -  |  358  |
| P00320230-1 | 10/14/2016 | 2:16:24 PM | ROC-17 | ECC | TV | OCO |  40  |  27,244  |
| P00320235-1 | 10/14/2016 | 2:17:22 PM | BLA-13 | EAA | TV | OFU |  15  |  8,948  |
| P00320236-1 | 10/14/2016 | 2:17:35 PM | PMA-15 | ECE | TV | OCO |  13  |  6,277  |
| P00320262-1 | 10/14/2016 | 2:17:50 PM | CEK-14 | ECE | TV | OCO |  1,381  |  141,438  |
| P00319935-1 | 10/14/2016 | 2:18:01 PM | MST-27 | EBJ | EF | OFC |  4  |  2,294  |
| P00321537-1 | 10/14/2016 | 2:18:52 PM | WLS-16 | EAC | TV | OFU |  14  |  18,535  |
| P00320260-1 | 10/14/2016 | 2:19:25 PM | TRA-23 | ECE | TV | OCO |  59  |  47,581  |
| 11270696 | 10/14/2016 | 2:19:48 PM | MWD-13 | EBE | TV | OSV |  1  |  499  |
| P00320274-1 | 10/14/2016 | 2:19:55 PM | SEM-13 | EAA | TV | OCO |  138  |  55,704  |
| P00320270-1 | 10/14/2016 | 2:20:27 PM | CUS-15 | EAA | TV | OCO |  107  |  73,443  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00320273-1 | 10/14/2016 | 2:21:01 PM | HAP-16 | EAA | TV | OCO |  -  |  6,443  |
| P00320301-1 | 10/14/2016 | 2:24:48 PM | HAM-13 | EAC | TV | OFU |  29  |  17,635  |
| P00319504-1 | 10/14/2016 | 2:27:25 PM | KAP-16 | ECA | TV | OCO |  33  |  8,816  |
| P00320319-1 | 10/14/2016 | 2:29:43 PM | VWY-15 | EAA | TV | OCO |  474  |  163,895  |
| P00320321-1 | 10/14/2016 | 2:29:54 PM | ORC-17 | EBJ | TV | OCO |  69  |  10,174  |
| P00320322-1 | 10/14/2016 | 2:30:11 PM | SST-12 | EAA | EF | OTF |  10  |  10,948  |
| P00320325-1 | 10/14/2016 | 2:30:29 PM | NUG-26 | EAA | TV | OFU |  2  |  2,376  |
| P00320328-1 | 10/14/2016 | 2:31:04 PM | MIL-23 | ECE | TV | OCO |  31  |  36,830  |
| P00320339-1 | 10/14/2016 | 2:32:32 PM | CAR-13 | EAA | TV | SCB |  1,934  |  7,253  |
| P00320335-1 | 10/14/2016 | 2:33:00 PM | CLV-16 | EAD | TV | OCO |  273  |  48,238  |
| P00320336-1 | 10/14/2016 | 2:33:27 PM | PHA-16 | EBE | TV | OFU |  35  |  8,066  |
| P00320351-1 | 10/14/2016 | 2:33:47 PM | BRI-17 | EAA | TV | SCB |  3,235  |  176,576  |
| P00320349-1 | 10/14/2016 | 2:35:16 PM | SME-13 | EBE | TV | UTC |  12  |  8,735  |
| P00320350-1 | 10/14/2016 | 2:35:31 PM | VIS-26 | EAA | TV | OCO |  28  |  46,574  |
| P00320355-1 | 10/14/2016 | 2:36:06 PM | GRI-15 | ECC | TV | OSV |  2  |  848  |
| P00320444-1 | 10/14/2016 | 2:37:00 PM | TLN-0127 | ECE | TV | OCO |  3,989  |  36,567  |
| P00321239-1 | 10/14/2016 | 2:37:55 PM | ALG-15 | EAC | TV | OFU |  15  |  18,019  |
| P00320366-1 | 10/14/2016 | 2:38:14 PM | ALG-12 | EAC | TV | OFU |  -  |  37,484  |
| P00320367-1 | 10/14/2016 | 2:38:17 PM | FLD-12 | EAD | TV | OFU |  83  |  24,528  |
| P00320376-1 | 10/14/2016 | 2:39:29 PM | BRS-24 | EAC | TV | OCO |  1,226  |  1,265,890  |
| P00320377-1 | 10/14/2016 | 2:39:31 PM | SIL-16 | ECE | TV | OCO |  21  |  30,069  |
| P00320388-1 | 10/14/2016 | 2:40:07 PM | DUV-15 | EBD | TV | OCO |  14  |  9,432  |
| P00320405-1 | 10/14/2016 | 2:40:54 PM | RIT-18 | EAC | TV | OCO |  145  |  113,310  |
| P00320412-1 | 10/14/2016 | 2:41:14 PM | ROS-21 | EBD | TV | OCO |  1,235  |  183,315  |
| P00320417-1 | 10/14/2016 | 2:41:34 PM | NUG-25 | EAA | TV | OFU |  47  |  20,459  |
| P00321638-1 | 10/14/2016 | 2:44:00 PM | ALG-15 | EAA | TV | OCO |  2  |  3,316  |
| P00320520-1 | 10/14/2016 | 2:45:00 PM | ING-13 | EBD | TV | OCO |  1,842  |  308,559  |
| P00320474-1 | 10/14/2016 | 2:45:26 PM | CWD-23 | EBD | TV | OSV |  1  |  2,130  |
| P00320481-1 | 10/14/2016 | 2:46:06 PM | BKB-14 | EAC | TV | OFU |  5  |  5,854  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00321099-1 | 10/14/2016 | 2:48:21 PM | SCH-13 | EAA | TV | OCO |  157  |  167,123  |
| P00320521-1 | 10/14/2016 | 2:48:53 PM | NUG-25 | EAA | TV | OFU |  7  |  3,101  |
| P00320522-1 | 10/14/2016 | 2:48:56 PM | OSC-23 | EBI | TV | OCO |  3  |  361  |
| P00320545-1 | 10/14/2016 | 2:51:43 PM | VWY-13 | EAA | TV | SCB |  825  |  129,539  |
| P00320172-1 | 10/14/2016 | 2:51:44 PM | BCH-16 | EAA | TV | OFU |  124  |  84,936  |
| P00320546-1 | 10/14/2016 | 2:52:45 PM | NHL-16 | EBD | TV | OFU |  58  |  25,372  |
| P00320559-1 | 10/14/2016 | 2:54:38 PM | CUS-16 | EAA | TV | OIN |  7  |  1,380  |
| P00320557-1 | 10/14/2016 | 2:54:38 PM | SME-13 | EBE | TV | UTC |  18  |  3,414  |
| P00320564-1 | 10/14/2016 | 2:55:41 PM | EGT-28 | EBE | TV | UTC |  49  |  8,730  |
| P00320583-1 | 10/14/2016 | 2:57:34 PM | MIL-22 | ECE | TV | OCO |  656  |  86,144  |
| P00320591-1 | 10/14/2016 | 2:59:00 PM | TRA-23 | ECE | TV | OCO |  27  |  11,526  |
| P00320590-1 | 10/14/2016 | 2:59:38 PM | RHO-16 | ECA | TV | OTF |  1  |  121  |
| P00321251-1 | 10/14/2016 | 3:00:44 PM | ALG-15 | EAA | TV | OFU |  237  |  96,356  |
| P00320609-1 | 10/14/2016 | 3:01:32 PM | SCH-15 | EAA | TV | OCO |  50  |  43,941  |
| P00320610-1 | 10/14/2016 | 3:01:46 PM | LAU-12 | EAA | TV | OCO |  61  |  76,314  |
| P00320616-1 | 10/14/2016 | 3:02:41 PM | TOL-15 | EBD | UN | OCO |  124  |  30,599  |
| P00320618-1 | 10/14/2016 | 3:03:12 PM | ALG-15 | EAC | TV | OPO |  29  |  6,583  |
| P00320626-1 | 10/14/2016 | 3:04:07 PM | ASB-13 | EBJ | UN | OCO |  35  |  3,191  |
| P00320636-1 | 10/14/2016 | 3:04:40 PM | BTN-35 | EAC | TV | OSV |  1  |  1,764  |
| P00320639-1 | 10/14/2016 | 3:05:10 PM | LAU-13 | EAA | TV | OSV |  2  |  2,950  |
| P00321613-1 | 10/14/2016 | 3:06:02 PM | MCW-16 | ECE | TV | OCO |  26  |  29,087  |
| P00320817-1 | 10/14/2016 | 3:06:24 PM | LAU-12 | EAA | TV | OCO |  32  |  52,640  |
| P00320197-1 | 10/14/2016 | 3:06:25 PM | LEA-16 | EBJ | AC | OSV |  4  |  225  |
| P00323154-1 | 10/14/2016 | 3:06:47 PM | HAM-13 | EAC | TV | OFU |  19  |  40,062  |
| P00320656-1 | 10/14/2016 | 3:06:56 PM | MCW-16 | ECE | TV | OCO |  43  |  48,044  |
| P00320660-1 | 10/14/2016 | 3:07:11 PM | FAL-16 | EBF | UN | OCO |  39  |  8,741  |
| P00320668-1 | 10/14/2016 | 3:09:16 PM | MED-37 | EBE | TV | UTC |  9  |  10,255  |
| P00320669-1 | 10/14/2016 | 3:09:22 PM | SKI-13 | EBD | TV | OCO |  25  |  5,008  |
| P00320673-1 | 10/14/2016 | 3:09:41 PM | BAK-23 | EAA | TV | OCO |  199  |  119,526  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00319787-1 | 10/14/2016 | 3:09:56 PM | FAC-25 | EBE | TV | OCO |  263  |  114,751  |
| P00321018-1 | 10/14/2016 | 3:10:57 PM | PET-16 | EAC | TV | OTR |  95  |  84,111  |
| P00320683-1 | 10/14/2016 | 3:12:05 PM | DUV-15 | EBD | TV | OCO |  28  |  16,525  |
| P00321175-1 | 10/14/2016 | 3:13:12 PM | LAU-13 | EAA | TV | OFU |  21  |  15,869  |
| P00319816-1 | 10/14/2016 | 3:14:29 PM | HOB-15 | EBI | TV | OCO |  21  |  5,141  |
| P00319764-1 | 10/14/2016 | 3:15:00 PM | LYO-15 | EBJ | TV | OCO |  857  |  22,824  |
| P00321707-1 | 10/14/2016 | 3:15:11 PM | BKB-13 | EAC | TV | OTF |  4  |  4,339  |
| P00320730-1 | 10/14/2016 | 3:16:00 PM | WOB-23 | EAA | OD | OFU |  16  |  6,658  |
| P00320706-1 | 10/14/2016 | 3:16:22 PM | LON-25 | ECC | AC | OCO |  2  |  1,716  |
| P00320707-1 | 10/14/2016 | 3:16:32 PM | CUS-13 | EAA | TV | OFU |  5  |  3,919  |
| P00320714-1 | 10/14/2016 | 3:17:19 PM | KEN-12 | EAA | TV | OCO |  8  |  12,936  |
| P00320715-1 | 10/14/2016 | 3:17:25 PM | FNW-16 | ECD | TV | OFU |  30  |  12,830  |
| P00320777-1 | 10/14/2016 | 3:17:43 PM | BHL-13 | ECE | TV | OCO |  21  |  34,183  |
| P00320306-1 | 10/14/2016 | 3:18:41 PM | BRO-15 | EAD | TV | OCR |  19  |  6,035  |
| P00320721-1 | 10/14/2016 | 3:19:00 PM | POU-16 | ECE | TV | OCO |  62  |  86,332  |
| P00320722-1 | 10/14/2016 | 3:19:20 PM | VAS-12 | EBL | TV | OFU |  1  |  255  |
| P00320724-1 | 10/14/2016 | 3:19:54 PM | SKE-26 | ECE | TV | OCO |  2  |  2,600  |
| P00320746-1 | 10/14/2016 | 3:25:33 PM | SNQ-13 | EBF | TV | OCO |  4  |  3,478  |
| P00320748-1 | 10/14/2016 | 3:26:32 PM | KEN-12 | EAA | TV | OCO |  12  |  1,466  |
| P00320338-1 | 10/14/2016 | 3:27:02 PM | TLN-0179 | EAA | TV | SBF |  5  |  1,503  |
| P00320755-1 | 10/14/2016 | 3:28:29 PM | NLM-13 | EAC | TV | OPO |  73  |  209,855  |
| P00320758-1 | 10/14/2016 | 3:29:19 PM | SIL-13 | ECE | TV | OPO |  93  |  104,360  |
| P00320760-1 | 10/14/2016 | 3:29:37 PM | BHS-14 | EAA | TV | OFU |  22  |  4,857  |
| P00320775-1 | 10/14/2016 | 3:32:37 PM | MER-13 | EBE | TV | OFU |  26  |  2,817  |
| P00320793-1 | 10/14/2016 | 3:35:54 PM | WIN-12 | ECE | TV | OCO |  158  |  367,300  |
| P00320802-1 | 10/14/2016 | 3:37:22 PM | CRE-16 | EAD | TV | OTF |  4  |  1,109  |
| P00320599-1 | 10/14/2016 | 3:41:51 PM | BUC-26 | ECA | TV | OCO |  8  |  909  |
| P00320838-1 | 10/14/2016 | 3:43:32 PM | ING-16 | EBD | TV | OCO |  156  |  15,902  |
| P00320846-1 | 10/14/2016 | 3:46:02 PM | KNM-23 | EBD | TV | OFU |  88  |  14,684  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00320873-1 | 10/14/2016 | 3:46:59 PM | SIN-24 | ECD | TV | OCO |  1,696  |  328,005  |
| P00321356-1 | 10/14/2016 | 3:48:00 PM | HAM-13 | EAC | TV | OCO |  135  |  80,390  |
| P00321911-1 | 10/14/2016 | 3:48:12 PM | SKE-22 | ECE | TV | OFU |  20  |  24,800  |
| P00320866-1 | 10/14/2016 | 3:48:57 PM | LAU-13 | EAA | TV | OTF |  1  |  721  |
| P00320875-1 | 10/14/2016 | 3:49:49 PM | MTV-17 | EAC | TV | OSV |  7  |  10,894  |
| P00320880-1 | 10/14/2016 | 3:51:23 PM | SWD-14 | ECE | UN | OSV |  1  |  1,647  |
| P00321207-1 | 10/14/2016 | 3:52:00 PM | WIN-15 | ECE | TV | OCO |  25  |  17,083  |
| P00320886-1 | 10/14/2016 | 3:53:57 PM | UHL-23 | EBD | TV | OCO |  15  |  11,253  |
| P00320887-1 | 10/14/2016 | 3:54:02 PM | ELD-27 | ECC | TV | OPO |  3  |  1,124  |
| P00320900-1 | 10/14/2016 | 3:57:34 PM | EPO-13 | ECD | TV | OCO |  53  |  67,672  |
| P00320921-1 | 10/14/2016 | 4:01:00 PM | HWD-23 | EBD | TV | OCO |  180  |  15,537  |
| P00321682-1 | 10/14/2016 | 4:03:55 PM | PET-16 | EAC | TV | OCO |  176  |  173,542  |
| P00320933-1 | 10/14/2016 | 4:07:49 PM | HAP-16 | EAA | TV | UTC |  11  |  1,828  |
| P00320944-1 | 10/14/2016 | 4:10:06 PM | DUV-15 | EBD | UN | OTF |  3  |  922  |
| P00320948-1 | 10/14/2016 | 4:11:57 PM | HKX-13 | EAC | TV | OCO |  29  |  1,792  |
| P00320951-1 | 10/14/2016 | 4:13:09 PM | MIR-13 | EBF | TV | OCO |  26  |  40,627  |
| P00320966-1 | 10/14/2016 | 4:18:00 PM | CHR-22 | ECE | TV | OCO |  1  |  1,038  |
| P00320969-1 | 10/14/2016 | 4:18:52 PM | KNM-26 | EBD | TV | OFU |  92  |  19,708  |
| P00320970-1 | 10/14/2016 | 4:19:17 PM | VIS-25 | EAA | TV | OCO |  2  |  4,798  |
| P00320971-1 | 10/14/2016 | 4:19:34 PM | HWD-25 | EBD | TV | OCO |  8  |  1,001  |
| P00321451-1 | 10/14/2016 | 4:23:03 PM | BKB-13 | EAC | OD | OFU |  17  |  16,065  |
| P00320995-1 | 10/14/2016 | 4:26:59 PM | LYO-15 | EBJ | TV | OTF |  1  |  251  |
| P00320999-1 | 10/14/2016 | 4:27:47 PM | NUG-26 | EAA | TV | OFU |  2  |  4,276  |
| P00321002-1 | 10/14/2016 | 4:28:37 PM | FNW-17 | ECD | TV | OCO |  8  |  19,722  |
| P00321001-1 | 10/14/2016 | 4:28:40 PM | ROE-17 | EAA | TV | OTF |  3  |  1,690  |
| P00321357-1 | 10/14/2016 | 4:34:48 PM | HOU-23 | EBD | UN | OFU |  8  |  9,395  |
| P00321028-1 | 10/14/2016 | 4:35:43 PM | EPO-16 | ECD | TV | OSV |  1  |  1,722  |
| P00321038-1 | 10/14/2016 | 4:38:07 PM | BLA-13 | EAA | TV | OFU |  93  |  50,445  |
| P00321037-1 | 10/14/2016 | 4:38:08 PM | PEA-15 | EBJ | EF | OFC |  1  |  870  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00321056-1 | 10/14/2016 | 4:40:30 PM | LGY-16 | EAD | TV | OSV |  6  |  6,099  |
| P00321052-1 | 10/14/2016 | 4:43:34 PM | FLD-13 | EAD | EF | OFC |  90  |  98,229  |
| P00320786-1 | 10/14/2016 | 4:44:01 PM | BKB-12 | EAC | EF | OPO |  930  |  375,162  |
| P00321058-1 | 10/14/2016 | 4:44:52 PM | SWD-12 | ECE | TV | OCO |  6  |  6,316  |
| P00321070-1 | 10/14/2016 | 4:49:00 PM | KIN-21 | ECE | TV | OCO |  60  |  17,300  |
| P00321110-1 | 10/14/2016 | 5:02:27 PM | LTA-18 | ECA | TV | OCO |  7  |  1,928  |
| P00321123-1 | 10/14/2016 | 5:04:59 PM | SWA-12 | EAD | EF | OTF |  1  |  918  |
| P00321125-1 | 10/14/2016 | 5:05:42 PM | YEL-25 | ECC | TV | OFU |  1  |  93  |
| P00321147-1 | 10/14/2016 | 5:15:20 PM | BKB-14 | EAC | TV | OFU |  2  |  2,043  |
| P00321170-1 | 10/14/2016 | 5:26:43 PM | BIG-15 | EAC | TV | OCO |  61  |  82,491  |
| P00321174-1 | 10/14/2016 | 5:27:39 PM | BRW-16 | EAC | TV | OFU |  2  |  4,687  |
| P00321187-1 | 10/14/2016 | 5:35:55 PM | SIL-15 | ECE | TV | OCO |  24  |  34,926  |
| P00321190-1 | 10/14/2016 | 5:36:15 PM | LAB-26 | EAA | EF | OTF |  2  |  888  |
| P00321195-1 | 10/14/2016 | 5:39:33 PM | HAM-13 | EAC | TV | OTP |  1  |  346  |
| P00321206-1 | 10/14/2016 | 5:43:25 PM | BRO-15 | EAD | TV | OCO |  4  |  1,465  |
| P00321216-1 | 10/14/2016 | 5:47:52 PM | BTN-36 | EAC | TV | OCO |  64  |  73,172  |
| P00321224-1 | 10/14/2016 | 5:51:00 PM | PIN-23 | EBD | TV | OCO |  1  |  119  |
| P00321230-1 | 10/14/2016 | 5:52:41 PM | LYN-14 | EAA | OD | OCO |  5  |  7,801  |
| P00321243-1 | 10/14/2016 | 5:57:17 PM | FRG-24 | ECC | TV | OCO |  2,338  |  296,811  |
| P00321246-1 | 10/14/2016 | 5:59:00 PM | ENU-15 | EBI | BA | OTF |  3  |  97  |
| P00321545-1 | 10/14/2016 | 5:59:47 PM | LGY-16 | EAD | TV | OFU |  45  |  40,208  |
| P00321250-1 | 10/14/2016 | 5:59:59 PM | CUS-16 | EAA | TV | OIN |  6  |  4,813  |
| P00321262-1 | 10/14/2016 | 6:05:55 PM | NLM-16 | EAC | TV | OTR |  2  |  1,203  |
| P00321273-1 | 10/14/2016 | 6:14:01 PM | BHS-14 | EAA | TV | OTF |  1  |  96  |
| P00321539-1 | 10/14/2016 | 6:19:51 PM | WLS-15 | EAC | TV | UTC |  2  |  1,824  |
| P00321285-1 | 10/14/2016 | 6:21:22 PM | NLM-16 | EAC | TV | OCO |  4  |  602  |
| P00321295-1 | 10/14/2016 | 6:24:34 PM | HAP-16 | EAA | TV | OTF |  -  |  456  |
| P00321305-1 | 10/14/2016 | 6:26:39 PM | SIL-15 | ECE | TV | OTF |  1  |  151  |
| P00321307-1 | 10/14/2016 | 6:27:15 PM | COT-15 | EBD | TV | OCO |  21  |  6,166  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00321314-1 | 10/14/2016 | 6:30:34 PM | FCR-12 | EBI | TV | OTF |  3  |  248  |
| P00321320-1 | 10/14/2016 | 6:34:36 PM | FRA-16 | ECD | TV | OCO |  1  |  1,240  |
| P00321326-1 | 10/14/2016 | 6:36:41 PM | PGA-13 | ECE | TV | OTR |  3  |  3,853  |
| P00321439-1 | 10/14/2016 | 6:38:43 PM | CHI-12 | ECD | TV | OCO |  17  |  27,241  |
| P00321280-1 | 10/14/2016 | 6:40:24 PM | RAI-12 | ECC | TV | OCO |  888  |  30,503  |
| P00321342-1 | 10/14/2016 | 6:43:47 PM | PRI-13 | ECC | TV | OCO |  25  |  14,337  |
| P00319046-3 | 10/14/2016 | 6:46:28 PM | HOB-17 | EBI | TV | OCO |  25  |  3,417  |
| P00321800-1 | 10/14/2016 | 6:50:38 PM | MSI-25 | EBF | TV | OCO |  6  |  9,610  |
| P00321350-1 | 10/14/2016 | 6:51:35 PM | MHT-13 | EBJ | TV | OPO |  -  |  2,508  |
| P00321504-1 | 10/14/2016 | 6:57:21 PM | HLC-24 | EAD | UN | OTF |  35  |  8,065  |
| P00321358-1 | 10/14/2016 | 7:01:08 PM | FAL-16 | EBF | TV | OCO |  39  |  8,158  |
| P00321362-1 | 10/14/2016 | 7:04:23 PM | ALG-15 | EAC | TV | OPO |  29  |  31,381  |
| P00320306-2 | 10/14/2016 | 7:13:00 PM | BRO-15 | EAD | TV | OCR |  -  |  208  |
| P00321376-1 | 10/14/2016 | 7:15:13 PM | CHA-15 | ECC | EF | OSV |  1  |  108  |
| P00321591-1 | 10/14/2016 | 7:23:03 PM | ASB-13 | EBJ | TV | OFU |  8  |  3,108  |
| P00321566-1 | 10/14/2016 | 7:23:12 PM | SKE-22 | ECE | TV | OCO |  3  |  4,560  |
| P00321391-1 | 10/14/2016 | 7:27:00 PM | AIR-23 | ECC | EF | OFU |  360  |  207,513  |
| P00321392-1 | 10/14/2016 | 7:27:02 PM | NLM-16 | EAC | TV | OCO |  3  |  6,751  |
| P00321403-1 | 10/14/2016 | 7:28:59 PM | NLM-12 | EAC | TV | OFU |  51  |  64,629  |
| P00321408-1 | 10/14/2016 | 7:29:23 PM | PMA-16 | ECE | TV | OCO |  -  |  311  |
| P00321448-1 | 10/14/2016 | 7:43:03 PM | FRG-25 | ECC | EF | OFU |  496  |  41,953  |
| P00321432-1 | 10/14/2016 | 7:46:07 PM | SCH-16 | EAA | OD | OFU |  8  |  9,416  |
| P00321441-1 | 10/14/2016 | 7:49:24 PM | LAB-23 | EAA | EF | OJU |  4  |  1,275  |
| P00321459-1 | 10/14/2016 | 7:57:54 PM | DES-13 | EBJ | TV | OFU |  5  |  383  |
| P00321469-1 | 10/14/2016 | 8:09:03 PM | HAM-15 | EAC | TV | OCO |  31  |  7,973  |
| P00321418-1 | 10/14/2016 | 8:11:46 PM | NUG-26 | EAC | TV | OCO |  2  |  4,358  |
| P00320363-1 | 10/14/2016 | 8:17:03 PM | HAP-16 | EAA | OD | OCO |  42  |  37,414  |
| P00321486-1 | 10/14/2016 | 8:22:39 PM | ALG-15 | EAC | TV | OCO |  5  |  9,410  |
| P00320839-1 | 10/14/2016 | 8:28:11 PM | CRE-16 | EAD | TV | OCO |  2  |  3,611  |
| **NUMBER** | **DATE** | **TIME** | **CKT** | **MPG** | **CAZ** | **EQT** |  **CUST.OUT**  | **CUST.MIN** |
| P00321518-1 | 10/14/2016 | 8:30:00 PM | HAP-16 | EAA | TV | OSV |  1  |  30  |
| P00321492-1 | 10/14/2016 | 8:36:23 PM | CHI-12 | ECD | TV | OCO |  62  |  59,788  |
| P00321509-1 | 10/14/2016 | 8:59:13 PM | WOB-23 | EAA | TV | OCO |  33  |  35,108  |
| P00320977-2 | 10/14/2016 | 9:01:59 PM | YEL-26 | ECC | TV | OCR |  18  |  1,252  |
| P00321526-1 | 10/14/2016 | 9:14:50 PM | SIL-15 | ECE | TV | OCO |  3  |  3,456  |
| P00321538-1 | 10/14/2016 | 9:34:25 PM | BEL-13 | EBJ | TV | OTF |  4  |  498  |
| P00321541-1 | 10/14/2016 | 9:39:55 PM | HAN-15 | EAA | OD | OTF |  3  |  3,755  |
| P00319935-2 | 10/14/2016 | 9:40:00 PM | MST-27 | EBJ | TV | OFC |  31  |  4,021  |
| P00320574-2 | 10/14/2016 | 9:43:17 PM | COT-13 | EBD | TV | OPO |  216  |  53,703  |
| P00321544-1 | 10/14/2016 | 9:45:18 PM | OSC-25 | EBI | TV | OCO |  944  |  121,952  |
| P00319791-2 | 10/14/2016 | 10:08:44 PM | LGY-16 | EAD | TV | OCO |  2  |  1,277  |
| P00321560-1 | 10/14/2016 | 10:12:57 PM | TRA-23 | ECE | TV | OCO |  27  |  1,772  |
| P00321564-1 | 10/14/2016 | 10:16:25 PM | WOB-23 | EAA | TV | UTC |  28  |  28,350  |
| P00321572-1 | 10/14/2016 | 10:34:32 PM | VIC-16 | EBJ | EF | USC |  1  |  874  |
| P00321573-1 | 10/14/2016 | 10:35:05 PM | FAC-25 | EBE | OE | OCO |  263  |  63,307  |
| P00321580-1 | 10/14/2016 | 10:49:30 PM | FRA-12 | ECD | TV | OCO |  32  |  30,317  |
| P00321598-1 | 10/14/2016 | 11:34:32 PM | VAS-23 | EBL | UN | OCN |  1  |  1,706  |
| P00321594-1 | 10/14/2016 | 11:41:30 PM | PMA-16 | ECE | TV | OCO |  28  |  41,859  |
| P00321599-1 | 10/14/2016 | 11:56:48 PM | EPO-15 | ECD | TV | OTR |  4  |  -  |

# **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**

****Strong winds, rain pound Western Washington; strongest storm still to come

POSTED 6:03 AM, OCTOBER 14, 2016, BY Q13 NEWS STAFF, REBECCA STEVENSON, MJ MCDERMOTT AND JOHN HOPPERSTAD, *UPDATED AT 01:50PM, OCTOBER 14, 2016*

Strong winds and rain continue to pound the Pacific Northwest -- knocking down trees, blocking roads and causing power outages.

Q13 News' team of meteorologists is tracking the storms and getting you prepared for Saturday's storm which is expected to be much stronger, bringing drenching rains and damaging winds.

Pierce County reported six downed trees and 13 places with water over the road as of 3:30 a.m.

Early Friday, wind gusts as high as 68 mph were recorded at Destruction Island as thunderstorms moved onshore.

As of 1:10 p.m., Puget Sound Energy was reporting around 30,000 customers without power in Bellingham, Olympia, Bainbridge Island, Sedro-Woolley, Vashon and Concrete.

Seattle City Light is reporting about 7,100 without power.

Q13 Meteorologist Rebecca Stevenson says Friday will be gusty all day. Morning thunderstorms are slamming into the Washington coast with dangerous lightning spreading onshore and tracking inland.

Today:Heavy rain showers are tracking through with a building southerly wind.  Wind gusts for Everett to Seattle to Bremerton and Olympia will be 30 to 45mph and a Wind Advisory has been issued until 6pm tonight for most of the inland cities.  Stronger wind gusts up to 60mph have kept a high wind warning in place for western Whatcom, Skagit, Island counties.

Tonight: Friday Night the weather keeps some rain showers, wind only breezy at times.

Rain will increase again laterSaturday morning and this will be a round which dumps another 1-3″ of rain over central Puget Sound.  Higher amounts of rain will be added over the Olympic and Cascade mountains.

ALERT: A High Wind Watch for all of western Washington, Saturday afternoon and night, as a powerful storm is developing and threatens to bring dangerous wind speeds, including downtown cities.



SEATTLE -- Well, this storm certainly will go down as one meteorologists will be talking about for years... just not in the way it was expected.

What was computed -- even as of Saturday morning -- to rank among the region's greats ended up woefully under developing. What was supposed to be a lion turned out to be something more along the lines of a lizard with maybe a bit of an attitude -- did you see that squall that came through Seattle just after sunset?

The threat of strong winds has passed along the coast, and from the Puget Sound region south to Oregon. Gig Harbor is the windy champ with a gust of 53 mph, while Tacoma hit 41, Seattle hit 39 and Everett hit 43.

A low pressure center carrying the remnants of Typhoon Songda rapidly intensified off the Oregon coast Saturday morning but didn't get as well organized as feared, leaving it quite a bit weaker than anticipated.

About 16,000 Puget Sound Energy and Seattle City Light customers were without power by 10:45 p.m.

As the winds blew through the Olympia area, it knocked a tree into an occupied house near Lacey, causing a natural gas leak. There were no injuries, and the house was evacuated.

Washington State Ferries canceled the Port Townsend to Coupeville run on Saturday night because of high winds.

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 [↑](#footnote-ref-3)