



2015
Qualifying Events Report
November 17, 2015 Event

Filed on February 12, 2016

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Event Description

Event Date and Time

Start: November 17, 2015, 09:00

End: November 21, 2015, 19:00

Event Type

Wind

Service Areas Significantly Affected

Thurston, Pierce, Kitsap, Vashon, South King, North King, Skagit, Whatcom, Island, and Kittitas

Number of Customers Affected

System wide, approximately 381,109 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages	685
Transmission Lines Affected	25
Substations Offline	8

Mobilization Summary

Operating Bases Placed In Emergency Status

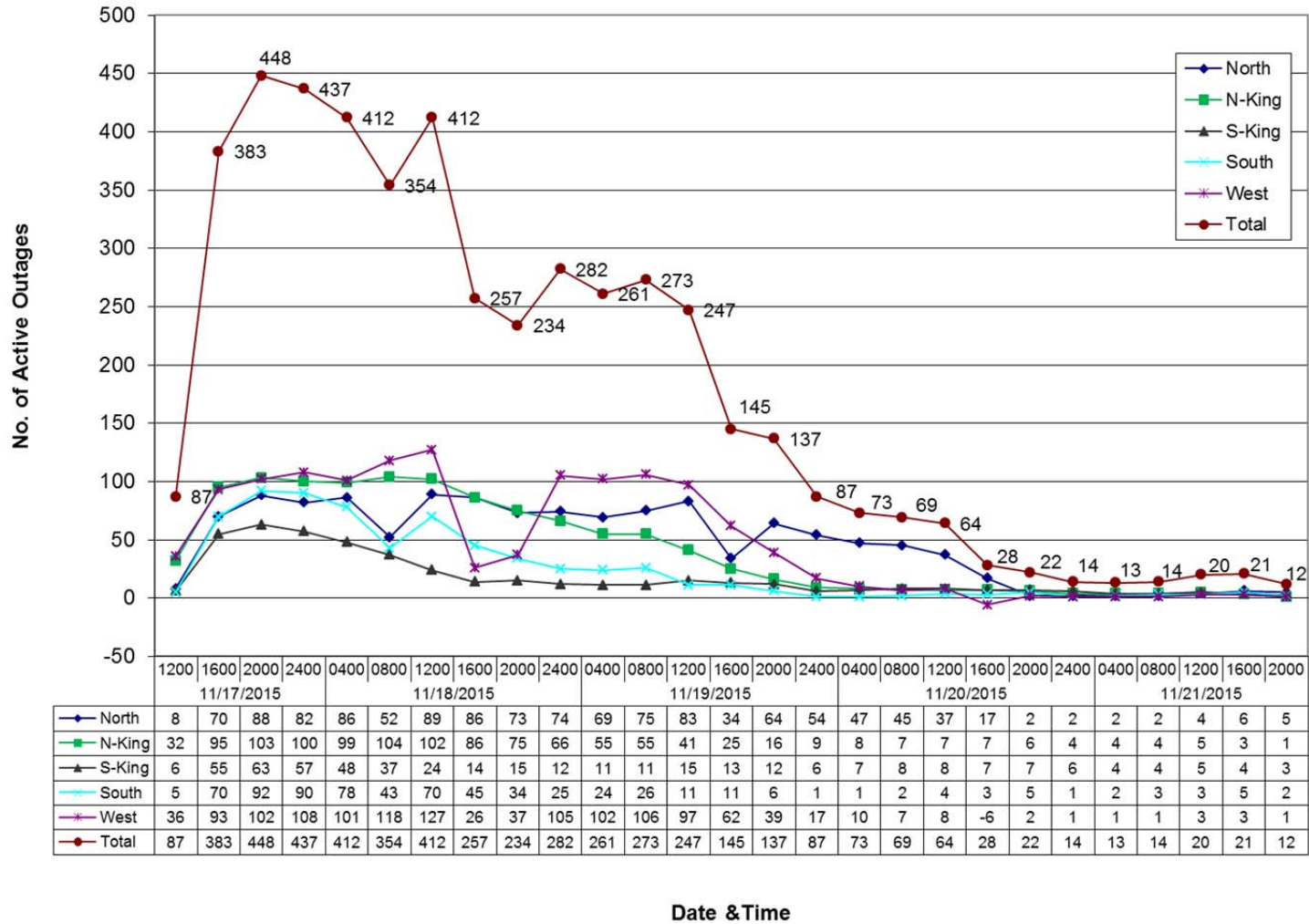
Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom/Skagit/Island	11-17-2015	16:00	11-20-2015	19:00
North King	11-17-2015	10:00	11-19-2015	22:30
South King	11-17-2015	15:00	11-19-2015	24:00
Pierce	11-17-2015	14:30	11-19-2015	14:00
Thurston	11-17-2015	14:30	11-19-2015	18:00
Kitsap	11-17-2015	10:00	11-20-2015	10:30
Vashon	11-17-2015	10:00	11-20-2015	10:30
Kittitas	11-17-2015	10:00	11-19-2015	22:30

Emergency Coordination Center (ECC)

ECC	Date Opened	Time Opened	Date Closed	Time Closed
	11-17-2015	12:00	11-20-2015	11:00

Active Outage Event Chart

Number of Active Outages - 09:00 Nov. 17, 2015 to 19:00 Nov. 21, 2015



Major Event Day – Qualification

IEEE¹ 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 SAIDI² 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 T_{MED} where $T_{MED} = \exp(\text{Alpha} + 2.5 * \text{Beta})$
7. Any day in the next year with SAIDI > T_{MED} is a major event day

Puget Sound Energy's IEEE Major Event Threshold (T_{MED}) 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)
11-17-2015, 09:00 to 11-21-2015, 19:00	229,200,144	1,117,148	205.2

YTD Daily SAIDI Detail

(First day that daily SAIDI exceeded PSE's T_{MED} of 6.1 Minutes by qualifying event)

Date	Daily SAIDI (from midnight to midnight)	O&M ³ Costs– Deferrable Accumulation
1-18-2015	25.8	\$2,011,173
8-29-2015	208.8	\$5,988,827
10-10-2015	11.1	\$-
11-17-2015	187.1	\$-

¹ IEEE: Institute of Electrical and Electronics Engineers

² SAIDI: System Average Interruption Duration Index

³ O&M: Operations and Maintenance

(r): Revised

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
01-18-2015		\$255,457	\$159,839	\$2,011,173	\$2,171,012	\$2,426,469
08-29-2015	\$5,514,151 ^(r)	\$933,263 ^(r)	\$1,006,272 ^(r)	\$5,988,827	\$12,509,250 ^(r)	\$13,442,514 ^(r)
10-10-2015	\$798,115 ^(r)	\$40,449 ^(r)	\$121,231	\$-	\$121,231	\$959,794 ^(r)
11-17-2015	\$8,765,969	\$545,182	\$792,538	\$-	\$792,538	\$10,103,689

(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
\$15,078,234	\$1,774,351	\$2,079,880	\$8,000,000	\$25,158,115	\$26,932,465

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

Puget Sound Energy						
November 17, 2015 - Restoration Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
ST		\$ 6,539	\$ -	\$ 425,283	\$ 425,283	\$ 431,823
OT		\$ -	\$ -	\$ 1,229,346	\$ 1,229,346	\$ 1,229,346
Total Labor	\$ -	\$ 6,539	\$ -	\$ 1,654,629	\$ 1,654,629	\$ 1,661,168
Labor OH		\$ 5,242	\$ (688,948)	\$ 1,653,901	\$ 964,953	\$ 970,195
Materials		\$ 160,666	\$ -	\$ 350,060	\$ 350,060	\$ 510,726
Contractors		\$ 313,999	\$ -	\$ 6,203,438	\$ 6,203,438	\$ 6,517,437
Other Direct Charges		\$ -	\$ -	\$ 122,524	\$ 122,524	\$ 122,524
Fleet		\$ 237	\$ -	\$ 134,330	\$ 134,330	\$ 134,567
Other Assessments		\$ 58,498	\$ 1,481,486	\$ (1,352,913)	\$ 128,573	\$ 187,072
Deferred Expenses	\$ 8,765,969	\$ -	\$ -	\$ (8,765,969)	\$ (8,765,969)	\$ -
	\$ 8,765,969	\$ 545,182	\$ 792,538	\$ -	\$ 792,538	\$ 10,103,689

**Detailed List of Outages - First T_{MED}-Exceeding Day
November 17, 2015**

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00230803-1	11/17/2015	1:01:00 AM	MCK-15	EAA	EF	UPC	8	2,361
P00230806-1	11/17/2015	1:30:11 AM	OLD-26	EAA	EF	UPC	8	1,121
P00230807-1	11/17/2015	2:52:00 AM	ROC-16	ECC	TV	OCO	22	4,421
P00230809-1	11/17/2015	3:01:00 AM	SIN-23	ECD	TV	OCO	231	98,316
P00230813-1	11/17/2015	3:07:00 AM	ORT-23	ECA	EF	OPO	61	17,907
P00230816-1	11/17/2015	4:03:38 AM	EDG-12	ECA	EF	OPO	20	15,206
P00230831-1	11/17/2015	4:31:39 AM	VAS-13	EBL	TV	OCO	1,079	81,338
P00230844-1	11/17/2015	4:49:06 AM	LAB-25	EAA	FI	OTF	1	121
P00230852-1	11/17/2015	6:02:12 AM	UHL-23	EBD	UN	OCO	13	1,712
P00230853-1	11/17/2015	6:07:58 AM	GWR-13	EBI	TV	OTR	27	2,892
P00230857-1	11/17/2015	6:20:00 AM	UHL-23	EBD	TV	OCO	14	3,154
P00230862-1	11/17/2015	6:32:19 AM	BLU-13	ECC	TV	OFU	14	2,533
P00230863-1	11/17/2015	6:46:02 AM	RAI-14	ECC	EF	OTF	1	86
P00230870-1	11/17/2015	6:57:00 AM	NBE-15	EBF	TV	OCO	15	6,124
P00230872-1	11/17/2015	7:02:19 AM	GLA-12	EAA	TV	OCO	-	631
P00230874-1	11/17/2015	7:09:00 AM	ELD-27	ECC	TV	OCO	70	3,191
P00230877-1	11/17/2015	7:17:00 AM	EPO-13	ECD	TV	OCO	1,347	195,876
P00230880-1	11/17/2015	7:28:27 AM	LON-22	ECC	EF	OJU	70	24,414
P00233123-1	11/17/2015	7:34:00 AM	TLN-0293	ECD	TV	OCO	5,393	10,744,056
P00230904-1	11/17/2015	7:44:00 AM	TLN-0003	EAA	TV	SCB	1,071	66,384
P00230889-1	11/17/2015	7:47:20 AM	MIR-13	EBF	TV	OCO	26	3,263
P00230897-1	11/17/2015	7:54:00 AM	SOO-25	EBI	TV	OCO	20	3,232
P00230900-1	11/17/2015	7:56:00 AM	ELD-23	ECC	EF	UPC	10	7,090
P00230906-1	11/17/2015	8:01:33 AM	DUV-13	EBD	UN	OTF	3	94
P00230913-1	11/17/2015	8:22:00 AM	BLU-16	ECC	EF	OTR	4	845
P00230914-1	11/17/2015	8:24:00 AM	SAH-16	EBD	EF	UPC	8	3,185
P00230916-1	11/17/2015	8:26:00 AM	GRI-13	ECC	TV	OCO	99	38,933

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00230905-1	11/17/2015	8:30:55 AM	LOL-23	ECD	TV	OCO	109	15,396
P00230923-1	11/17/2015	8:34:54 AM	KLA-18	EBF	TV	USV	1	2,146
P00230931-1	11/17/2015	8:38:00 AM	EPO-15	ECD	TV	OCO	106	32,459
P00230929-1	11/17/2015	8:41:42 AM	TOL-15	EBD	TV	OCO	70	37,398
P00230934-1	11/17/2015	8:43:23 AM	RDO-13	EBJ	UN	SCB	1,507	53,627
P00230947-1	11/17/2015	8:59:00 AM	SKY-25	EBD	TV	OCO	-	109,038
P00230949-1	11/17/2015	8:59:04 AM	CUS-15	EAA	EF	OJU	55	5,288
P00230912-1	11/17/2015	9:00:30 AM	VAS-12	EBL	TV	OCO	3	169
P00230951-1	11/17/2015	9:02:45 AM	LMD-16	EBJ	TV	OSV	1	193
P00230958-1	11/17/2015	9:10:00 AM	WOL-26	ECC	EF	USC	1	675
P00230959-1	11/17/2015	9:10:00 AM	MUR-13	ECE	TV	OCO	125	68,499
P00231294-1	11/17/2015	9:11:00 AM	CHI-12	ECD	TF	OCO	2,879	4,247,972
P00230937-1	11/17/2015	9:11:39 AM	BOW-26	EBJ	SO	DNO	23	33,473
P00230910-1	11/17/2015	9:11:42 AM	OVE-13	EBE	TV	OCO	6	1,276
P00230966-1	11/17/2015	9:12:00 AM	GLA-12	EAA	TV	OCO	35	50,358
P00230967-1	11/17/2015	9:12:17 AM	ROC-16	ECC	TV	OCO	105	23,118
P00230963-1	11/17/2015	9:15:00 AM	PMA-13	ECE	TV	OCO	1	3,690
P00231576-1	11/17/2015	9:16:00 AM	LOL-25	ECD	TV	OCO	4,356	3,286,325
P00230979-1	11/17/2015	9:21:42 AM	DUV-13	EBD	TV	OCO	1,300	62,595
P00230989-1	11/17/2015	9:30:49 AM	NBE-13	EBF	TV	OCO	4	2,884
P00231318-1	11/17/2015	9:31:08 AM	DUV-12	EBD	TV	OCR	848	760,046
P00231000-1	11/17/2015	9:33:43 AM	PMA-16	ECE	TV	OCO	836	43,444
P00231026-1	11/17/2015	9:34:02 AM	TLN-0232	EBF	TV	OCO	3,259	361,586
P00231021-1	11/17/2015	9:35:00 AM	SCH-15	EAA	TV	OCO	62	24,104
P00236438-1	11/17/2015	9:36:49 AM	MUR-15	ECE	TV	OCO	54	120,415
P00231034-1	11/17/2015	9:37:58 AM	COT-15	EBD	TV	OCO	2,204	201,590
P00231029-1	11/17/2015	9:38:00 AM	TRA-25	ECE	TV	OCO	9	31,758
P00231038-1	11/17/2015	9:40:00 AM	SIL-15	ECE	TV	OCO	2,103	880,126
P00231100-1	11/17/2015	9:41:00 AM	CHI-12	ECD	TV	OCO	396	357,564

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00231072-1	11/17/2015	9:43:00 AM	CHI-12	ECD	TV	OCN	191	169,992
P00231073-1	11/17/2015	9:45:00 AM	MSI-24	EBF	TV	OCO	89	110,517
P00231081-1	11/17/2015	9:47:00 AM	CWD-25	EBD	TV	OCO	1,423	126,907
P00231090-1	11/17/2015	9:48:00 AM	BTR-22	EBE	TV	OPO	119	267,778
P00231086-1	11/17/2015	9:51:00 AM	PMA-12	ECE	UN	OCO	24	78,262
P00231143-1	11/17/2015	9:55:00 AM	MIL-23	ECE	TV	OCO	33	10,183
P00231121-1	11/17/2015	9:56:37 AM	KWH-22	EBE	TV	OCO	272	148,808
P00231140-1	11/17/2015	10:02:22 AM	CHI-12	ECD	TV	OTF	-	1,518
P00237011-1	11/17/2015	10:02:22 AM	CHI-12	ECD	TV	OCO	16	51,188
P00231128-1	11/17/2015	10:02:28 AM	RIT-17	EAC	EF	OTF	2	156
P00231130-1	11/17/2015	10:04:00 AM	DUV-15	EBD	TV	OCO	-	236,606
P00231134-1	11/17/2015	10:05:00 AM	SCH-15	EAA	TV	OCO	26	5,827
P00231146-1	11/17/2015	10:09:45 AM	SKY-25	EBD	TV	OCO	-	278,500
P00235559-1	11/17/2015	10:09:45 AM	TLN-0012	EBD	TV	OCO	644	2,067,570
P00230876-1	11/17/2015	10:09:54 AM	MTH-15	EBJ	SO	DNO	1	2,923
P00231150-1	11/17/2015	10:10:00 AM	BHL-13	ECE	TV	OCO	20	30,940
P00233305-1	11/17/2015	10:10:04 AM	TLN-0271	ECD	TV	OCO	-	2,220,204
P00233490-1	11/17/2015	10:12:00 AM	SKY-25	EBD	TV	OCO	-	193,603
P00231162-1	11/17/2015	10:15:00 AM	SKI-12	EBD	TV	OCO	591	70,181
P00231158-1	11/17/2015	10:16:45 AM	KLA-15	EBD	TV	OCO	-	2,622
P00232483-1	11/17/2015	10:16:45 AM	KLA-15	EBD	TV	OCR	2,457	1,994,149
P00231164-1	11/17/2015	10:18:00 AM	FAL-15	EBF	TV	OCO	76	19,488
P00231170-1	11/17/2015	10:20:32 AM	MER-13	EBE	TV	OFC	17	34,004
P00231177-1	11/17/2015	10:22:00 AM	LGY-12	EAD	TV	OCO	43	9,758
P00231179-1	11/17/2015	10:25:00 AM	SHD-18	EBI	TV	OCO	6	947
P00231212-1	11/17/2015	10:27:10 AM	SWD-11	ECE	TV	OCO	83	143,348
P00231194-1	11/17/2015	10:29:00 AM	SWD-12	ECE	UN	OCO	104	316,108
P00231196-1	11/17/2015	10:29:30 AM	FAL-13	EBF	TV	OCO	-	813
P00231201-1	11/17/2015	10:30:00 AM	BLA-12	EAA	FI	OCO	305	13,673

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00233559-1	11/17/2015	10:30:32 AM	TLN-0073	EBD	TV	OCO	5,222	3,681,800
P00231204-1	11/17/2015	10:31:45 AM	WOB-23	EAA	TV	OCO	372	93,534
P00231824-1	11/17/2015	10:34:00 AM	DUV-15	EBD	TV	OCO	916	847,303
P00231261-1	11/17/2015	10:35:00 AM	TOL-17	EBD	TV	OCO	101	63,325
P00231224-1	11/17/2015	10:37:00 AM	MST-27	EBJ	EF	UPC	43	17,144
P00231230-1	11/17/2015	10:38:00 AM	RAI-12	ECC	TV	OCO	39	12,301
P00231238-1	11/17/2015	10:38:43 AM	VAS-23	EBL	TV	OCO	252	20,787
P00231289-1	11/17/2015	10:39:00 AM	NBE-13	EBF	TV	OCO	54	57,805
P00231239-1	11/17/2015	10:41:00 AM	WIN-13	ECE	TV	OCO	261	271,338
P00231528-1	11/17/2015	10:41:00 AM	RPT-26	ECD	TV	OCO	77	227,436
P00231273-1	11/17/2015	10:55:14 AM	UHL-23	EBD	TV	OCO	5	7,773
P00231286-1	11/17/2015	10:59:49 AM	SCH-13	EAA	EF	UTR	92	12,272
P00232574-1	11/17/2015	11:00:00 AM	TLN-0120	EBD	TV	OCO	6,318	9,237,886
P00231519-1	11/17/2015	11:01:56 AM	EGT-27	EBE	TV	OCO	99	167,198
P00231316-1	11/17/2015	11:05:16 AM	HWD-25	EBD	TV	OCO	241	573,017
P00236747-1	11/17/2015	11:06:31 AM	PMA-16	ECE	TV	OCO	48	102,887
P00231344-1	11/17/2015	11:13:11 AM	POU-15	ECE	TV	OCO	1,510	112,771
P00231372-1	11/17/2015	11:20:09 AM	POU-15	ECE	TV	OCO	736	321,264
P00231455-1	11/17/2015	11:20:47 AM	SWD-11	ECE	TV	OCO	36	3,823
P00231534-1	11/17/2015	11:21:00 AM	TLN-0293	ECD	TV	OCO	-	402,595
P00231542-1	11/17/2015	11:21:51 AM	SIL-16	ECE	TV	OCO	1,460	668,620
P00231388-1	11/17/2015	11:23:03 AM	SIL-15	ECE	TV	OCO	17	37,705
P00233455-1	11/17/2015	11:23:10 AM	TLN-0292	ECD	TV	OCO	2,475	2,734,351
P00236390-1	11/17/2015	11:23:10 AM	MAN-12	ECD	TV	OCO	98	287,891
P00231420-1	11/17/2015	11:25:00 AM	SKE-22	ECE	TV	OCO	13	27,703
P00231515-1	11/17/2015	11:28:25 AM	EDG-16	ECA	TV	OHR	888	66,837
P00232504-1	11/17/2015	11:29:00 AM	SIN-25	ECD	TV	OCO	778	908,375
P00231508-1	11/17/2015	11:30:33 AM	MVW-15	EBJ	TV	SCB	2,525	114,180
P00231728-1	11/17/2015	11:31:42 AM	FAL-13	EBF	TV	OCO	178	88,388

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00231545-1	11/17/2015	11:37:15 AM	SIL-13	ECE	TV	OCO	8	25,390
P00234562-1	11/17/2015	11:38:00 AM	PMA-16	ECE	TV	OCO	9	18,575
P00231558-1	11/17/2015	11:40:00 AM	SBE-26	EBE	TV	OCO	70	138,094
P00231558-3	11/17/2015	11:40:00 AM	SBE-26	EBE	TV	OCO	70	138,094
P00231871-1	11/17/2015	11:41:00 AM	SIN-24	ECD	TV	OCO	1,634	2,413,228
P00231560-1	11/17/2015	11:44:00 AM	MIL-22	ECE	TV	OCO	799	267,723
P00231559-1	11/17/2015	11:44:09 AM	BON-16	ECA	OD	OCO	1,473	78,290
P00234068-1	11/17/2015	11:44:11 AM	NBE-15	EBF	TV	OCO	26	4,930
P00233607-1	11/17/2015	11:49:31 AM	TLN-0019	EBD	TV	OCO	3,434	5,864,357
P00231587-1	11/17/2015	11:52:00 AM	UHL-25	EBD	TV	OCO	448	238,060
P00231601-1	11/17/2015	11:56:00 AM	TLN-0120	EBD	TV	OCO	5,130	187,589
P00231600-1	11/17/2015	11:58:01 AM	VAS-12	EBL	TV	OCO	565	56,924
P00231593-1	11/17/2015	11:58:22 AM	SEM-13	EAA	TV	OTF	1	14
P00231609-1	11/17/2015	11:59:51 AM	SEM-13	EAA	TV	SCB	136	544
P00231626-1	11/17/2015	12:00:19 PM	TLN-0120	EBD	TV	OCO	5,206	173,100
P00231614-1	11/17/2015	12:01:00 PM	KEN-12	EAA	TV	OCO	12	5,783
P00231667-1	11/17/2015	12:02:41 PM	FRU-26	ECA	TV	OHR	435	332,282
P00238135-1	11/17/2015	12:04:06 PM	SIN-24	ECD	TV	OCO	36	73,879
P00231653-1	11/17/2015	12:05:00 PM	MAP-15	EBE	TV	OSV	1	3,293
P00231666-1	11/17/2015	12:06:00 PM	EGT-12	EBE	TV	OCO	34	15,497
P00231669-1	11/17/2015	12:06:41 PM	HAW-14	ECC	TV	OCO	6	276
P00234820-1	11/17/2015	12:08:38 PM	TLN-0246	EBD	TV	OCO	4,118	4,448,141
P00233395-1	11/17/2015	12:10:57 PM	TLN-0098	EBL	TV	OCO	5,962	1,867,747
P00232375-1	11/17/2015	12:12:00 PM	EDG-12	ECA	TV	OCO	30	8,182
P00232551-1	11/17/2015	12:12:00 PM	CHI-16	ECD	TV	OCO	321	1,087,658
P00231983-1	11/17/2015	12:12:24 PM	POU-16	ECE	TV	OCO	9	30,407
P00235898-1	11/17/2015	12:13:00 PM	SIL-15	ECE	TV	OCO	4	11,878
P00231741-1	11/17/2015	12:14:27 PM	SIN-23	ECD	TV	OCO	621	914,930
P00232562-1	11/17/2015	12:16:32 PM	TLN-0120	EBD	TV	OCO	6,851	8,013,026

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00231797-1	11/17/2015	12:18:00 PM	ELD-27	ECC	TV	OCO	198	79,144
P00231751-1	11/17/2015	12:18:07 PM	PHA-17	EBE	TV	OSV	2	5,702
P00235748-1	11/17/2015	12:18:34 PM	LMD-16	EBJ	TV	OTR	2	3,031
P00231767-1	11/17/2015	12:18:48 PM	FNW-13	ECD	TV	OCO	1,017	921,639
P00242188-1	11/17/2015	12:18:48 PM	FNW-13	ECD	TV	OCO	2,034	1,040,221
P00231761-1	11/17/2015	12:19:00 PM	SIL-13	ECE	TV	OCO	16	47,548
P00233839-1	11/17/2015	12:19:55 PM	TLN-0085	EBD	TV	OCO	3,214	3,955,138
P00231770-1	11/17/2015	12:20:00 PM	KEN-12	EAA	TV	OCO	27	2,492
P00231778-1	11/17/2015	12:20:03 PM	FNW-15	ECD	TV	OCO	-	4,365,750
P00231788-1	11/17/2015	12:23:00 PM	FAL-13	EBF	TV	OCO	6	18,717
P00233190-1	11/17/2015	12:24:08 PM	SIL-15	ECE	TV	USC	1	2,807
P00232720-1	11/17/2015	12:24:41 PM	SAH-15	EBD	TV	OCO	234	76,149
P00231804-1	11/17/2015	12:26:00 PM	UHL-23	EBD	TV	OCO	13	10,602
P00231828-1	11/17/2015	12:26:00 PM	SAH-13	EBD	TV	OCO	1,642	125,805
P00231829-1	11/17/2015	12:26:00 PM	SAH-15	EBD	TV	OCO	1,369	104,021
P00233869-1	11/17/2015	12:26:00 PM	SEQ-22	EBJ	TV	OCO	267	83,829
P00231832-1	11/17/2015	12:28:19 PM	LWS-16	EBJ	TV	SCB	725	43,174
P00232107-1	11/17/2015	12:31:00 PM	TLN-0191	ECE	TV	OCO	-	207,005
P00233819-1	11/17/2015	12:32:17 PM	TLN-0246	EBD	TV	OCO	6,168	9,993,933
P00233194-1	11/17/2015	12:33:00 PM	SIL-15	ECE	TV	OCO	149	382,137
P00232087-1	11/17/2015	12:33:10 PM	SOM-16	EBE	EF	OCO	1,440	480,600
P00231900-1	11/17/2015	12:33:39 PM	WIS-14	EBF	TV	OCO	434	268,892
P00231875-1	11/17/2015	12:33:49 PM	HAZ-12	EBE	TV	OCO	3,371	1,087,951
P00231858-1	11/17/2015	12:34:10 PM	SCH-13	EAA	TV	OCO	38	23,975
P00233422-1	11/17/2015	12:34:41 PM	TLN-0098	ECD	TV	OCO	-	567,457
P00238043-1	11/17/2015	12:34:41 PM	FRA-15	ECD	TV	OCO	22	72,640
P00232353-1	11/17/2015	12:35:27 PM	TLN-0120	EBD	TV	OCO	5,206	6,156,321
P00231909-1	11/17/2015	12:36:35 PM	KIN-22	ECE	TV	OCO	33	10,184
P00232112-1	11/17/2015	12:37:38 PM	CEK-14	ECE	TV	OCO	739	308,409

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00231978-1	11/17/2015	12:38:00 PM	WOO-27	ECA	TV	OCO	40	7,147
P00233971-1	11/17/2015	12:39:16 PM	TLN-0085	EBD	TV	OCO	8,546	11,751,408
P00235593-1	11/17/2015	12:40:49 PM	PLA-23	EBD	TV	OCO	16	18,055
P00232683-1	11/17/2015	12:41:13 PM	TLN-0191	ECE	SO	OCO	3,947	4,798,580
P00237256-1	11/17/2015	12:41:36 PM	LOL-23	ECD	TV	OCO	4	2,579
P00237306-1	11/17/2015	12:41:36 PM	FRA-13	ECD	TV	OCO	-	111,779
P00232005-1	11/17/2015	12:42:50 PM	HOB-17	EBI	TV	OSV	1	1,338
P00232655-1	11/17/2015	12:42:51 PM	CEK-16	ECE	TV	OCO	881	267,736
P00232019-1	11/17/2015	12:43:00 PM	TLN-0157	EBI	OD	SWT	888	73,926
P00232546-1	11/17/2015	12:43:00 PM	PMA-12	ECE	TV	OCO	40	121,428
P00232008-1	11/17/2015	12:43:02 PM	PIN-23	EBD	TV	OCO	22	46,324
P00232047-1	11/17/2015	12:44:25 PM	KWH-25	EBE	TV	OCO	393	526,133
P00232042-1	11/17/2015	12:45:00 PM	CEK-15	ECE	TV	OCO	6	21,117
P00232058-1	11/17/2015	12:45:00 PM	PAN-14	EBJ	TV	OCO	81	76,232
P00232245-1	11/17/2015	12:45:05 PM	RPT-26	ECD	SO	OCO	36	57,974
P00232055-1	11/17/2015	12:46:00 PM	SHA-15	ECA	UN	OCO	104	34,162
P00232070-1	11/17/2015	12:46:00 PM	TLN-0048	EBF	TV	OCO	2,880	13,199
P00239519-1	11/17/2015	12:49:50 PM	MUR-13	ECE	TV	UPS	43	101,334
P00238887-1	11/17/2015	12:50:45 PM	MUR-13	ECE	TV	OCO	35	77,882
P00233845-1	11/17/2015	12:50:59 PM	TLN-0085	EBD	TV	OCO	8,917	3,998,768
P00232115-1	11/17/2015	12:53:55 PM	HAZ-16	EBE	TV	OCO	141	66,131
P00232116-1	11/17/2015	12:54:00 PM	HAN-13	EAA	TV	OCO	4	1,621
P00232121-1	11/17/2015	12:54:00 PM	CLV-16	EAD	TV	OCO	67	20,830
P00232150-1	11/17/2015	12:55:47 PM	WIS-13	EBF	TV	OCO	35	46,825
P00232140-1	11/17/2015	12:56:00 PM	HWD-25	EBD	TV	OCO	-	55,467
P00232146-1	11/17/2015	12:56:21 PM	TOL-15	EBD	TV	OCO	86	42,799
P00232287-1	11/17/2015	1:00:00 PM	TLN-0085	EBD	TV	OCO	4,171	40,805
P00232160-1	11/17/2015	1:00:49 PM	DES-15	EBJ	TV	OTF	3	3,967
P00232164-1	11/17/2015	1:01:06 PM	ING-16	EBD	TV	OCR	-	34,931

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00232197-1	11/17/2015	1:01:47 PM	LMC-25	EBE	TV	OCO	743	164,017
P00232213-1	11/17/2015	1:04:00 PM	SIL-13	ECE	TV	OCO	5	14,774
P00232595-1	11/17/2015	1:04:00 PM	BIG-15	EAC	TV	OCO	284	348,184
P00232372-1	11/17/2015	1:05:00 PM	TLN-0120	EBD	TV	OCO	5,130	1,039,169
P00232437-1	11/17/2015	1:05:00 PM	TLN-0120	EBD	TV	OCO	6,592	78,886
P00232277-1	11/17/2015	1:05:12 PM	FRA-12	ECD	TV	OCO	-	228,203
P00232242-1	11/17/2015	1:05:21 PM	KAP-16	ECA	OD	OCO	53	18,214
P00232273-1	11/17/2015	1:06:25 PM	LAT-14	EBJ	TV	OSV	1	145
P00232289-1	11/17/2015	1:06:41 PM	SHE-17	ECE	TV	OCO	-	2,127
P00232442-1	11/17/2015	1:11:00 PM	PMA-13	ECE	UN	OCO	2	5,668
P00232539-1	11/17/2015	1:11:00 PM	TLN-0003	EAA	TV	OCO	1,029	496,931
P00232493-1	11/17/2015	1:11:20 PM	MER-13	EBE	TV	OCO	61	97,323
P00233394-1	11/17/2015	1:12:41 PM	CHI-13	ECD	TV	OCO	126	245,356
P00235673-1	11/17/2015	1:14:00 PM	MAN-16	ECD	TV	OCO	11	32,592
P00238966-1	11/17/2015	1:14:24 PM	FAL-15	EBF	TV	OCO	-	8,872
P00232489-1	11/17/2015	1:15:00 PM	YEL-27	ECC	TV	OCO	148	173,720
P00232495-1	11/17/2015	1:16:24 PM	PIN-26	EBD	TV	OCO	13	37,524
P00232502-1	11/17/2015	1:16:33 PM	WIN-12	ECE	TV	OCO	1,146	205,034
P00232500-1	11/17/2015	1:17:26 PM	LAT-14	EBJ	TV	OCO	24	21,427
P00232513-1	11/17/2015	1:19:00 PM	SIL-13	ECE	TV	OCO	7	23,246
P00238364-1	11/17/2015	1:19:00 PM	PET-12	EAC	TV	OCO	5	14,901
P00232532-1	11/17/2015	1:21:03 PM	RPT-23	ECD	TV	OCO	1,452	253,011
P00234582-1	11/17/2015	1:24:00 PM	ROC-16	ECC	TV	OPO	539	403,508
P00237048-1	11/17/2015	1:26:00 PM	DUV-13	EBD	TV	OCO	20	26,607
P00232567-1	11/17/2015	1:27:52 PM	ZEN-23	EBJ	TV	OTF	4	7,044
P00232637-1	11/17/2015	1:29:00 PM	PMA-12	ECE	TV	OCO	72	52,820
P00232577-1	11/17/2015	1:29:19 PM	VAS-12	EBL	TV	OCO	348	190,858
P00232584-1	11/17/2015	1:29:32 PM	BCH-15	EAA	EF	OJU	1	327
P00235823-1	11/17/2015	1:30:00 PM	CRE-01	EAD	TV	SCB	366	72,279

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00232599-1	11/17/2015	1:31:00 PM	SHD-18	EBI	TV	OCO	38	14,058
P00232600-1	11/17/2015	1:31:00 PM	BHS-14	EAA	EF	OPO	3	2,295
P00232597-1	11/17/2015	1:31:02 PM	POU-16	ECE	TV	OCO	2	3,426
P00237260-1	11/17/2015	1:31:52 PM	LOL-23	ECD	TV	OCO	182	227,949
P00232608-1	11/17/2015	1:32:00 PM	MIL-17	ECE	TV	OCO	48	136,792
P00232678-1	11/17/2015	1:32:00 PM	HAM-15	EAC	TV	OCO	1,041	669,873
P00232617-1	11/17/2015	1:33:05 PM	HEM-16	ECA	TV	OSV	1	237
P00232625-1	11/17/2015	1:33:22 PM	WLK-13	ECA	TV	OCO	18	27,484
P00232635-1	11/17/2015	1:34:45 PM	MIR-16	EBF	TV	OCO	9	18,765
P00232636-1	11/17/2015	1:34:57 PM	PMA-16	ECE	TV	OTF	3	8,054
P00233187-1	11/17/2015	1:35:00 PM	SIL-15	ECE	TV	OCO	2	6,291
P00232785-1	11/17/2015	1:36:00 PM	BRS-13	EAC	TV	OCO	38	111,177
P00234399-1	11/17/2015	1:36:00 PM	BRS-13	EAC	TV	OCO	15	46,062
P00232662-1	11/17/2015	1:38:04 PM	MAN-15	ECD	TV	OCO	1,868	1,298,914
P00232663-1	11/17/2015	1:38:16 PM	ROS-15	EBD	TV	OJU	3	7,716
P00232676-1	11/17/2015	1:39:59 PM	MAP-13	EBE	TV	OCO	25	24,184
P00232691-1	11/17/2015	1:40:15 PM	SKE-22	ECE	TV	OCO	1,289	1,020,781
P00233892-1	11/17/2015	1:42:01 PM	NBE-13	EBF	TV	OCO	130	46,867
P00232083-1	11/17/2015	1:42:16 PM	SCH-16	EAA	EF	OPO	33	25,228
P00234554-1	11/17/2015	1:42:39 PM	KNT-37	EBJ	TV	OCR	2,148	482,610
P00233282-1	11/17/2015	1:43:14 PM	VAS-01	EBL	TV	OCO	228	533,253
P00233802-1	11/17/2015	1:43:14 PM	VAS-23	EBL	TV	OCO	-	60,176
P00232719-1	11/17/2015	1:44:46 PM	SHD-18	EBI	TV	OFU	81	9,470
P00232730-1	11/17/2015	1:46:29 PM	GRI-16	ECC	TV	OCO	1	1,408
P00237905-1	11/17/2015	1:46:50 PM	LOL-21	ECD	TV	OCO	4	8,628
P00234862-1	11/17/2015	1:47:00 PM	PMA-12	ECE	TV	OCO	16	51,706
P00232749-1	11/17/2015	1:48:00 PM	MUR-13	ECE	TV	OCO	26	16,294
P00236324-1	11/17/2015	1:49:00 PM	BTR-22	EBE	TV	OCO	228	228,771
P00232756-1	11/17/2015	1:49:47 PM	PET-12	EAC	EF	OSV	1	1,523

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00233165-1	11/17/2015	1:49:53 PM	BRS-13	EAC	TV	OFU	79	45,297
P00232760-1	11/17/2015	1:49:59 PM	BTR-22	EBE	TV	OCO	-	5,085
P00238024-1	11/17/2015	1:50:27 PM	MAP-13	EBE	TV	OCO	107	136,999
P00238253-1	11/17/2015	1:51:28 PM	LOL-22	ECD	TV	OCO	-	176,913
P00233107-1	11/17/2015	1:57:00 PM	TLN-0088	EBJ	TV	SWT	4,328	25,535
P00233125-1	11/17/2015	1:57:00 PM	TLN-0088	EBJ	TV	SWT	2,743	12,527
P00233875-1	11/17/2015	1:57:30 PM	MOT-14	ECC	TV	OFU	234	42,545
P00233167-1	11/17/2015	1:58:00 PM	SKY-25	EBD	TV	OCO	-	423,038
P00233417-1	11/17/2015	1:59:21 PM	BRS-24	EAC	TV	OPO	448	311,390
P00237219-1	11/17/2015	1:59:21 PM	BRS-24	EAC	TV	OCO	100	138,873
P00237315-1	11/17/2015	2:00:06 PM	BRS-24	EAC	TV	OCO	45	59,993
P00237072-1	11/17/2015	2:00:08 PM	MUR-15	ECE	TV	OCO	112	78,762
P00233251-1	11/17/2015	2:00:27 PM	CHI-15	ECD	TV	OCO	1,195	80,852
P00233263-1	11/17/2015	2:01:33 PM	MAP-16	EBE	OD	OJU	54	94,370
P00234636-1	11/17/2015	2:02:36 PM	BRS-24	EAC	TV	OCO	432	206,503
P00237222-1	11/17/2015	2:03:02 PM	BRS-24	EAC	TV	OCO	-	175,945
P00233357-1	11/17/2015	2:04:00 PM	TLN-0127	ECA	TV	OCO	4,564	75,121
P00233313-1	11/17/2015	2:05:00 PM	WIN-13	ECE	TV	OSV	5	18,104
P00233320-1	11/17/2015	2:05:00 PM	SMR-26	ECA	UN	UPC	8	11,053
P00233315-1	11/17/2015	2:05:33 PM	SUM-22	EAC	EF	OFU	9	1,380
P00233340-1	11/17/2015	2:06:00 PM	TLN-0127	EBI	TV	SWT	4,257	19,795
P00233928-1	11/17/2015	2:07:19 PM	OVE-15	EBE	TV	OCO	54	73,956
P00233347-1	11/17/2015	2:07:45 PM	MWD-15	EBE	TV	OPO	138	61,288
P00233362-1	11/17/2015	2:08:29 PM	MHT-16	EBJ	TV	SWT	1	6
P00234081-1	11/17/2015	2:09:17 PM	TLN-0157	EBI	OD	OPO	921	388,817
P00233393-1	11/17/2015	2:10:00 PM	NNO-12	EBJ	TV	OTR	3	1,911
P00233396-1	11/17/2015	2:11:00 PM	RPT-15	ECD	TV	OCO	1	3,147
P00236259-1	11/17/2015	2:12:29 PM	BKB-12	EAC	TV	OFU	20	27,945
P00233426-1	11/17/2015	2:12:56 PM	PMA-15	ECE	TV	OCO	68	120,658

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00233419-1	11/17/2015	2:13:30 PM	RPT-26	ECD	TV	OSV	8	13,445
P00237302-1	11/17/2015	2:14:01 PM	BRS-24	EAC	TV	OPO	14	23,592
P00233440-1	11/17/2015	2:14:28 PM	BON-15	ECA	TV	OCO	1,450	210,225
P00233438-1	11/17/2015	2:15:00 PM	MHT-15	EBJ	TV	OGD	4	1,899
P00239067-1	11/17/2015	2:16:26 PM	LLT-16	EBD	TV	OCO	100	229,092
P00233837-1	11/17/2015	2:17:00 PM	CED-17	ECA	UN	OHS	130	97,032
P00236127-1	11/17/2015	2:17:00 PM	WAY-16	EBD	TV	OCO	4,172	617,456
P00237438-1	11/17/2015	2:17:33 PM	AVO-15	EBD	TV	OCO	-	573,904
P00237326-1	11/17/2015	2:17:50 PM	WAY-12	EBD	TV	OPO	-	378,121
P00233670-1	11/17/2015	2:17:51 PM	DUV-15	EBD	TV	OCO	59	81,346
P00231534-2	11/17/2015	2:19:47 PM	TLN-0293	ECD	TV	OCO	129	246,705
P00233677-1	11/17/2015	2:20:27 PM	PIP-22	EBI	TV	OFU	32	28,295
P00233711-1	11/17/2015	2:21:00 PM	DGR-15	ECA	TV	OCO	650	170,321
P00233796-1	11/17/2015	2:21:00 PM	HKX-16	EAC	TV	OCO	71	116,122
P00234138-1	11/17/2015	2:21:48 PM	CRE-15	EAD	TV	OPO	12	1,514
P00233768-1	11/17/2015	2:23:00 PM	PLA-21	EBD	TV	OCO	24	20,075
P00233931-1	11/17/2015	2:30:00 PM	BEL-17	EBJ	TV	OPO	9	12,140
P00233982-1	11/17/2015	2:33:00 PM	EDG-15	ECA	TV	OCO	20	13,210
P00233988-1	11/17/2015	2:34:00 PM	STA-16	EBJ	TV	OCO	17	10,966
P00234169-1	11/17/2015	2:35:00 PM	TLN-0035	ECA	TV	OCO	1,595	305,443
P00234008-1	11/17/2015	2:35:13 PM	BHL-13	ECE	TV	OTF	2	3,140
P00234020-1	11/17/2015	2:36:00 PM	DGR-15	ECA	TV	OCO	2	3,280
P00238343-1	11/17/2015	2:37:08 PM	NHL-15	EBD	TV	OCO	9	14,934
P00234091-1	11/17/2015	2:38:00 PM	TLN-0157	ECA	TV	OCO	2,650	522,050
P00234758-1	11/17/2015	2:38:00 PM	NBE-15	EBF	TV	OCO	15	27,267
P00234043-1	11/17/2015	2:38:32 PM	BRE-22	ECE	TV	OCO	17	26,924
P00234060-1	11/17/2015	2:40:00 PM	FRG-25	ECC	TV	OCO	20	7,780
P00238122-1	11/17/2015	2:40:00 PM	TLN-0157	EBI	TV	OCO	803	1,479,230
P00234139-1	11/17/2015	2:41:00 PM	CRE-15	EAD	TV	OCO	18	7,559

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00234073-1	11/17/2015	2:41:54 PM	GRV-16	ECA	TV	OSV	8	12,022
P00234075-1	11/17/2015	2:42:06 PM	PMA-12	ECE	TV	OCO	15	42,695
P00234099-1	11/17/2015	2:42:49 PM	MIR-13	EBF	TV	OCO	381	57,124
P00234102-1	11/17/2015	2:42:56 PM	RDO-13	EBJ	TV	SCB	1,507	92,631
P00234134-1	11/17/2015	2:45:00 PM	TLN-0158	EBI	TV	SWT	8,649	22,920
P00234115-1	11/17/2015	2:45:08 PM	NUG-25	EAA	TV	OSV	1	311
P00237127-1	11/17/2015	2:47:00 PM	ORT-22	ECA	TV	OCO	4	2,411
P00232708-1	11/17/2015	2:47:17 PM	BRS-13	EAC	TV	OCO	41	71,828
P00234147-1	11/17/2015	2:47:24 PM	LWS-16	EBJ	TV	OCO	60	33,140
P00234243-1	11/17/2015	2:47:35 PM	BDI-15	EBI	TV	OHR	168	93,046
P00234168-1	11/17/2015	2:49:24 PM	BRS-13	EAC	UN	PTF	8	6,783
P00234253-1	11/17/2015	2:50:00 PM	ALG-15	EAA	TV	OCO	39	27,254
P00234177-1	11/17/2015	2:50:01 PM	STA-16	EBJ	UN	OCN	1	1,200
P00234183-1	11/17/2015	2:50:40 PM	HOL-12	ECA	TV	OSV	1	1,952
P00234195-1	11/17/2015	2:52:34 PM	PRI-13	ECC	UN	OCO	59	57,027
P00234207-1	11/17/2015	2:53:00 PM	HAZ-13	EBE	TV	OPO	30	50,711
P00234213-1	11/17/2015	2:53:32 PM	CRE-13	EAD	TV	SCB	573	57,777
P00234219-1	11/17/2015	2:53:57 PM	PAN-15	EBJ	TV	SCB	1,809	168,961
P00234237-1	11/17/2015	2:54:38 PM	BAR-13	ECC	TV	OCO	1,520	121,398
P00234252-1	11/17/2015	2:55:04 PM	LAT-17	EBJ	TV	OFU	120	59,302
P00234925-1	11/17/2015	2:56:00 PM	BDI-13	EBI	TV	OCO	248	61,639
P00238416-1	11/17/2015	2:56:28 PM	BHL-13	ECE	TV	OCO	10	15,445
P00234239-1	11/17/2015	2:56:44 PM	SIL-15	ECE	TV	OCO	367	89,383
P00234246-1	11/17/2015	2:56:57 PM	SHE-26	ECE	TV	OCO	77	32,389
P00234247-1	11/17/2015	2:57:12 PM	CRE-15	EAD	TV	OSV	-	333
P00234302-1	11/17/2015	2:58:40 PM	BLU-16	ECC	EF	OFU	181	152,616
P00235258-1	11/17/2015	2:59:00 PM	EDG-16	ECA	TV	OFU	147	142,053
P00234266-1	11/17/2015	2:59:27 PM	MHT-15	EBJ	TV	OFU	108	3,648
P00234268-1	11/17/2015	2:59:30 PM	POU-15	ECE	TV	OCO	1	3,433

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00237036-1	11/17/2015	2:59:32 PM	ELD-25	ECC	EF	OTF	1	1,422
P00234534-1	11/17/2015	3:00:00 PM	TLN-0040	ECA	TV	OCO	4,586	653,267
P00234558-1	11/17/2015	3:00:00 PM	TLN-0040	ECA	TV	OCO	5,227	573,752
P00236019-1	11/17/2015	3:01:25 PM	BLU-17	ECC	TV	OFU	214	243,211
P00234321-1	11/17/2015	3:02:58 PM	MST-27	EBJ	TV	OCO	367	167,456
P00239078-1	11/17/2015	3:03:00 PM	LGY-12	EAD	TV	OPO	63	204,116
P00234315-1	11/17/2015	3:03:29 PM	HOB-15	EBI	TV	OFU	20	22,985
P00234716-1	11/17/2015	3:03:40 PM	CRE-12	EAD	TV	OHR	727	222,256
P00234326-1	11/17/2015	3:04:00 PM	BLU-16	ECC	TV	OCO	1	1,516
P00234508-1	11/17/2015	3:04:00 PM	TLN-0040	ECA	TV	OCO	4,062	184,687
P00234343-1	11/17/2015	3:04:53 PM	FRU-25	ECA	TV	OCO	1,471	622,527
P00234328-1	11/17/2015	3:05:14 PM	LYO-15	EBJ	TV	OFU	24	23,920
P00236336-1	11/17/2015	3:05:44 PM	BLU-16	ECC	TV	OFU	28	44,247
P00236118-1	11/17/2015	3:05:49 PM	TLN-0127	ECA	TV	OCO	6,010	1,786,172
P00234373-1	11/17/2015	3:06:00 PM	FCH-26	ECA	TV	OCO	919	554,534
P00234485-1	11/17/2015	3:06:00 PM	BLU-13	ECC	TV	OCO	230	90,896
P00234840-1	11/17/2015	3:06:00 PM	LAT-13	EBJ	TV	OCO	1,199	278,134
P00234839-1	11/17/2015	3:06:40 PM	ENU-17	EBI	TV	OFU	141	50,758
P00235306-1	11/17/2015	3:06:55 PM	BDI-13	EBI	TV	OHR	769	129,359
P00234578-1	11/17/2015	3:07:20 PM	HOB-16	EBI	TV	OFU	63	33,700
P00234359-1	11/17/2015	3:07:29 PM	WIS-12	EBF	TV	OSV	1	383
P00234789-1	11/17/2015	3:07:35 PM	PRI-13	ECC	TV	OJU	6	4,589
P00234481-1	11/17/2015	3:07:36 PM	SHD-18	EBI	TV	OCO	15	11,232
P00234393-1	11/17/2015	3:07:55 PM	CHA-15	ECC	TV	OCO	228	356,919

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00234379-1	11/17/2015	3:08:27 PM	PLG-17	ECC	EF	OSV	1	1,150
P00234382-1	11/17/2015	3:08:40 PM	NBE-12	EBF	TV	OSV	1	1,131
P00234411-1	11/17/2015	3:09:00 PM	KAP-15	ECA	OD	OCO	5	3,135
P00234421-1	11/17/2015	3:09:00 PM	SHD-16	EBI	TV	OCO	598	147,529
P00234449-1	11/17/2015	3:09:00 PM	MVW-13	EBJ	TV	OHR	701	322,343
P00234468-1	11/17/2015	3:09:00 PM	AIR-22	ECC	TV	OCO	-	138,188
P00234398-1	11/17/2015	3:09:15 PM	PLG-13	ECC	TV	PTF	1	72
P00234547-1	11/17/2015	3:10:15 PM	MVW-16	EBJ	TV	OCO	58	50,856
P00235061-1	11/17/2015	3:11:00 PM	BTN-36	EAC	TV	OCO	11	9,177
P00234630-1	11/17/2015	3:11:11 PM	BKB-13	EAC	TV	OFU	40	59,553
P00234579-1	11/17/2015	3:13:34 PM	ROC-16	ECC	TV	OFU	21	28,425
P00234538-1	11/17/2015	3:13:48 PM	BRW-16	EAC	TV	SCB	2,638	68,633
P00234552-1	11/17/2015	3:14:15 PM	LMD-16	EBJ	TV	OFU	24	24,156
P00234584-1	11/17/2015	3:15:09 PM	BEL-25	EBJ	TV	OHR	191	130,042
P00236514-1	11/17/2015	3:16:03 PM	SUM-21	EAC	TV	OFU	1	230
P00234583-1	11/17/2015	3:16:41 PM	LYO-15	EBJ	TV	OTR	2	2,582
P00234586-1	11/17/2015	3:17:00 PM	GAR-15	ECA	TV	OCO	6	6,220
P00234592-1	11/17/2015	3:18:00 PM	BIG-15	EAC	TV	OPO	62	91,183
P00234596-1	11/17/2015	3:18:00 PM	POU-13	ECE	TV	OCO	3	8,852
P00234610-1	11/17/2015	3:18:00 PM	GRV-15	ECA	TV	OCO	5	8,662
P00234594-1	11/17/2015	3:18:11 PM	MIR-16	EBF	TV	OSV	1	1,666
P00234595-1	11/17/2015	3:18:16 PM	PAT-15	ECC	TV	OCN	-	44,418
P00234601-1	11/17/2015	3:18:44 PM	RAI-11	ECC	TV	OCO	51	58,567

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00234775-1	11/17/2015	3:19:48 PM	FRG-23	ECC	TV	OCO	1,916	375,473
P00234894-1	11/17/2015	3:20:00 PM	KIT-26	EBH	OD	OPO	178	171,485
P00234650-1	11/17/2015	3:22:32 PM	CAM-25	EBJ	TV	OFU	30	15,191
P00234662-1	11/17/2015	3:22:54 PM	LON-17	ECC	TV	OCO	1,415	1,831,671
P00234656-1	11/17/2015	3:23:06 PM	BLU-16	ECC	TV	OCO	16	18,974
P00234979-1	11/17/2015	3:23:10 PM	FRG-24	ECC	TV	OCO	949	106,114
P00232083-2	11/17/2015	3:23:45 PM	SCH-16	EAA	TV	OPO	10	9
P00234674-1	11/17/2015	3:23:56 PM	SUM-21	EAC	TV	OTF	3	665
P00234737-1	11/17/2015	3:24:46 PM	FAL-15	EBF	TV	OCO	74	113,521
P00234689-1	11/17/2015	3:25:00 PM	UHL-23	EBD	TV	OCO	10	27,888
P00234705-1	11/17/2015	3:25:00 PM	HOB-15	EBI	TV	OCO	7	8,650
P00234697-1	11/17/2015	3:25:35 PM	PMA-16	ECE	TV	OCO	1	2,448
P00234703-1	11/17/2015	3:25:50 PM	ROC-15	ECC	TV	OCO	38	44,590
P00235280-1	11/17/2015	3:26:00 PM	AIR-23	ECC	TV	OCO	19	13,540
P00234709-1	11/17/2015	3:26:14 PM	CRE-15	EAD	TV	OFU	40	16,783
P00237230-1	11/17/2015	3:26:55 PM	CAM-25	EBJ	TV	OTF	7	3,583
P00234724-1	11/17/2015	3:27:22 PM	RAI-11	ECC	TV	OCO	13	14,258
P00234726-1	11/17/2015	3:27:23 PM	GAR-13	ECA	TV	OCO	11	7
P00234726-3	11/17/2015	3:27:23 PM	GAR-13	ECA	TV	OCR	11	7
P00237685-1	11/17/2015	3:28:35 PM	FAL-15	EBF	TV	OCO	120	182,528
P00234752-1	11/17/2015	3:28:43 PM	HEM-15	ECA	UN	OCO	2	1,302
P00234763-1	11/17/2015	3:29:41 PM	PIN-27	EBD	TV	OTF	1	2,505
P00235018-1	11/17/2015	3:30:00 PM	FRG-25	ECC	TV	OCO	1,351	145,142

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00236078-1	11/17/2015	3:31:00 PM	CPV-15	EAD	TV	OPI	3	1
P00234780-1	11/17/2015	3:31:02 PM	CPV-12	EAD	TV	OTF	1	1,572
P00236364-1	11/17/2015	3:31:09 PM	BRO-15	EAD	TV	OFU	-	82,045
P00234803-1	11/17/2015	3:31:11 PM	BRW-16	EAC	TV	SCB	2,638	4,044
P00234804-1	11/17/2015	3:31:16 PM	STA-13	EBJ	TV	SCB	1,067	131,935
P00236047-1	11/17/2015	3:31:47 PM	BRO-15	EAD	TV	SCB	1,709	1,292,004
P00236516-1	11/17/2015	3:31:47 PM	BRO-15	EAD	TV	OCO	352	571,235
P00236247-1	11/17/2015	3:33:00 PM	GBK-15	EAD	TV	OPI	1,329	1,575,738
P00234812-1	11/17/2015	3:33:23 PM	SHD-16	EBI	TV	OTF	-	539
P00236443-1	11/17/2015	3:33:42 PM	BRO-15	EAD	TV	OCO	79	471,654
P00234829-1	11/17/2015	3:34:24 PM	FCH-24	ECA	TV	OCO	165	101,560
P00234842-1	11/17/2015	3:34:57 PM	ROC-26	ECC	TV	OCO	5	6,347
P00234347-1	11/17/2015	3:35:36 PM	LON-23	ECC	TV	OCO	789	407,830
P00235017-1	11/17/2015	3:37:18 PM	HOL-13	ECA	TV	OCO	553	255,274
P00234882-1	11/17/2015	3:37:41 PM	FCR-14	EBI	TV	OFU	3	240
P00234902-1	11/17/2015	3:37:47 PM	PEA-15	EBJ	TV	SCB	1,431	442,029
P00234938-1	11/17/2015	3:38:53 PM	RAI-13	ECC	TV	OCO	133	70,690
P00234907-1	11/17/2015	3:38:59 PM	CPV-12	EAD	TV	OFU	36	43,387
P00235540-1	11/17/2015	3:39:00 PM	TLN-0151	EAD	TV	SBF	1,837	3,319,459
P00235976-1	11/17/2015	3:39:00 PM	TLN-0059	EAD	TV	OIN	-	2,467
P00235513-1	11/17/2015	3:39:23 PM	GLA-12	EAA	TV	OCO	4	2,494
P00235991-1	11/17/2015	3:39:53 PM	TLN-0120	EBD	TV	OPO	5,130	5,400,377
P00234928-1	11/17/2015	3:40:00 PM	PLU-24	ECC	TV	OCO	4	2,569

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00234942-1	11/17/2015	3:40:28 PM	TLN-0184	EAD	TV	SCB	-	937
P00234940-1	11/17/2015	3:40:47 PM	ETN-15	EBH	TV	OCO	33	7,152
P00236082-1	11/17/2015	3:40:55 PM	LGY-12	EAD	TV	SCB	1,835	3,136,015
P00237263-1	11/17/2015	3:40:55 PM	LGY-12	EAD	TV	OCR	-	454,512
P00235225-1	11/17/2015	3:41:00 PM	SEQ-22	EBJ	TV	OCO	177	97,931
P00238682-1	11/17/2015	3:41:01 PM	HWD-25	EBD	TV	OCO	-	10,564
P00235161-1	11/17/2015	3:41:15 PM	FLD-13	EAD	TV	SCB	874	1,321,029
P00237286-1	11/17/2015	3:41:18 PM	FLD-13	EAD	TV	OCO	77	574,051
P00234960-1	11/17/2015	3:41:39 PM	CLV-16	EAD	TV	OSV	2	3,432
P00236068-1	11/17/2015	3:41:47 PM	BRO-16	EAD	TV	SCB	472	1,661,383
P00234987-1	11/17/2015	3:42:00 PM	RHO-15	ECA	TV	OCO	13	15,256
P00236090-1	11/17/2015	3:44:14 PM	LGY-13	EAD	TV	SCB	84	144,686
P00235055-1	11/17/2015	3:44:36 PM	KAP-16	ECA	OD	OCO	1	731
P00235104-1	11/17/2015	3:45:00 PM	PIP-23	EBI	TV	OCO	1,018	592,289
P00235653-1	11/17/2015	3:45:45 PM	RDO-13	EBJ	TV	OHR	481	97,699
P00235126-1	11/17/2015	3:47:00 PM	NBE-13	EBF	TV	OCO	143	85,966
P00238840-1	11/17/2015	3:47:42 PM	FLD-12	EAD	TV	OFU	43	123,083
P00237155-1	11/17/2015	3:48:25 PM	MWD-13	EBE	TV	OCO	317	157,871
P00237304-1	11/17/2015	3:48:36 PM	BRO-16	EAD	TV	OCO	4	16,426
P00235170-1	11/17/2015	3:49:23 PM	LAT-14	EBJ	BA	OFU	28	29,883
P00239656-1	11/17/2015	3:50:05 PM	FLD-12	EAD	TV	OCO	33	169,373
P00235185-1	11/17/2015	3:50:18 PM	HAM-15	EAC	TV	OCO	1	1,174
P00236214-1	11/17/2015	3:51:00 PM	AIR-23	ECC	TV	OFU	127	83,195

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00239369-1	11/17/2015	3:51:42 PM	FLD-12	EAD	TV	OCO	47	142,405
P00235229-1	11/17/2015	3:52:05 PM	LEA-16	EBJ	TV	OFU	39	13,827
P00237278-1	11/17/2015	3:52:06 PM	FLD-13	EAD	TV	OFU	17	69,149
P00235466-1	11/17/2015	3:53:00 PM	TLN-0151	EAD	TV	SBF	1,835	30,705
P00235245-1	11/17/2015	3:53:28 PM	PIN-26	EBD	TV	OCO	10	19,579
P00235273-1	11/17/2015	3:53:33 PM	FRA-16	ECD	TV	OCO	3,970	4,474,955
P00235260-1	11/17/2015	3:54:00 PM	DUV-15	EBD	TV	OTF	3	873
P00235276-1	11/17/2015	3:54:00 PM	LYO-12	EBJ	TV	OCO	40	35,739
P00235279-1	11/17/2015	3:54:00 PM	FCR-12	EBI	TV	OCO	19	5,954
P00237229-1	11/17/2015	3:54:19 PM	CAM-25	EBJ	TV	OFU	12	5,791
P00235268-1	11/17/2015	3:54:26 PM	MER-15	EBE	TV	OSV	1	1,767
P00236451-1	11/17/2015	3:56:34 PM	CLR-15	EBH	TV	OCO	17	6,101
P00236115-1	11/17/2015	3:56:50 PM	FRG-25	ECC	UN	OCO	1	499
P00235625-1	11/17/2015	3:57:53 PM	EDG-15	ECA	TV	OCO	107	43,851
P00235340-1	11/17/2015	3:58:00 PM	CAS-15	EBH	TV	OCO	29	21,198
P00235421-1	11/17/2015	3:59:00 PM	TLN-0094	EBJ	TV	OCO	-	1,697,398
P00235379-1	11/17/2015	4:00:00 PM	CED-15	ECA	TV	OPO	60	68,682
P00235379-3	11/17/2015	4:00:00 PM	CED-15	ECA	TV	OSV	60	68,682
P00235369-1	11/17/2015	4:00:19 PM	SKI-13	EBD	TV	OSV	1	1,503
P00235378-1	11/17/2015	4:00:33 PM	OBY-16	ECC	TV	OSV	1	604
P00235384-1	11/17/2015	4:01:00 PM	LAC-15	ECC	TV	OCO	2	2,211
P00236063-1	11/17/2015	4:07:00 PM	FCH-24	ECA	TV	OCO	23	10,084
P00235482-1	11/17/2015	4:07:19 PM	KIN-24	ECE	TV	OCO	693	182,594

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00235557-1	11/17/2015	4:08:17 PM	PET-15	EAC	TV	OPO	1,507	303,555
P00235499-1	11/17/2015	4:09:00 PM	LTA-17	ECA	TV	OCN	1	452
P00236456-1	11/17/2015	4:09:00 PM	OSC-23	EBI	TV	OCO	11	12,673
P00235496-1	11/17/2015	4:09:02 PM	NBE-12	EBF	TV	OSV	1	1,071
P00236253-1	11/17/2015	4:09:28 PM	CPV-15	EAD	TV	OHR	666	340,585
P00235509-1	11/17/2015	4:09:52 PM	MIR-15	EBF	TV	OCO	15	16,771
P00235550-1	11/17/2015	4:12:25 PM	NOR-23	EBD	TV	OCO	-	152,058
P00236561-1	11/17/2015	4:13:12 PM	EDG-16	ECA	UN	OCO	92	76,385
P00235585-1	11/17/2015	4:17:24 PM	PRI-13	ECC	TV	OCO	3	3,460
P00235587-1	11/17/2015	4:17:31 PM	OBY-17	ECC	EF	OFU	5	5,427
P00235888-1	11/17/2015	4:17:42 PM	GLA-12	EAA	TV	OCO	5	2,798
P00235590-1	11/17/2015	4:17:51 PM	SWA-16	EAD	TV	OCO	4	1,669
P00235592-1	11/17/2015	4:18:00 PM	SIL-15	ECE	TV	OSV	3	11,196
P00235611-1	11/17/2015	4:19:05 PM	KNM-23	EBD	TV	OCO	-	157,993
P00235613-1	11/17/2015	4:20:38 PM	NBE-13	EBF	TV	OCO	10	4,707
P00235614-1	11/17/2015	4:20:41 PM	FWD-17	EBJ	UN	OFU	52	36,982
P00237245-1	11/17/2015	4:20:46 PM	CPV-15	EAD	TV	OPI	19	11,170
P00238854-1	11/17/2015	4:21:26 PM	SOO-25	EBI	TV	OFU	4	6,607
P00235643-1	11/17/2015	4:23:00 PM	LAT-14	EBJ	TV	OCO	38	23,629
P00235641-1	11/17/2015	4:23:17 PM	HKX-16	EAC	UN	OFU	25	10,072
P00235644-1	11/17/2015	4:23:34 PM	EGT-27	EBE	TV	OCO	7	9,596
P00235657-1	11/17/2015	4:25:02 PM	CPV-15	EAD	TV	OFU	7	11,652
P00235704-1	11/17/2015	4:30:05 PM	PAN-15	EBJ	TV	OHR	802	203,147

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00235706-1	11/17/2015	4:31:42 PM	LWS-15	EBJ	TV	OTF	3	3,936
P00235722-1	11/17/2015	4:32:00 PM	PGA-13	ECE	TV	OCO	1,185	752,752
P00235735-1	11/17/2015	4:33:00 PM	KAP-16	ECA	OD	OCO	4	5,015
P00235781-1	11/17/2015	4:35:27 PM	ELD-23	ECC	TV	OCO	1,081	100,659
P00235785-1	11/17/2015	4:36:37 PM	MIL-16	ECE	TV	OCO	341	158,417
P00235777-1	11/17/2015	4:36:51 PM	CHA-13	ECC	OD	OSV	1	309
P00236640-1	11/17/2015	4:38:14 PM	CLE-11	EBH	TV	OCO	998	510,310
P00235820-1	11/17/2015	4:42:54 PM	ELD-25	ECC	TV	OCO	7	5,013
P00235837-1	11/17/2015	4:43:33 PM	MAP-15	EBE	EF	OCO	3,393	1,196,484
P00235826-1	11/17/2015	4:43:35 PM	SWA-16	EAD	TV	OTF	3	8,300
P00235892-1	11/17/2015	4:47:54 PM	ROC-16	ECC	TV	OFU	15	18,228
P00235992-1	11/17/2015	4:51:46 PM	ROC-17	ECC	TV	OFC	338	373,410
P00235895-1	11/17/2015	4:52:00 PM	BHL-12	ECE	TV	OCO	2	6,910
P00235906-1	11/17/2015	4:54:22 PM	ROC-25	ECC	TV	OSV	1	484
P00235961-1	11/17/2015	4:57:59 PM	PRI-13	ECC	TV	OFU	233	102,415
P00235940-1	11/17/2015	4:58:29 PM	ING-17	EBD	TV	OCO	-	379,558
P00235951-1	11/17/2015	4:58:59 PM	BAR-15	ECC	TV	OCO	1,056	693,975
P00235959-1	11/17/2015	4:59:24 PM	WOO-25	ECA	TV	OCO	1,083	221,583
P00235953-1	11/17/2015	5:00:00 PM	ELD-27	ECC	TV	OFU	13	32,719
P00237228-1	11/17/2015	5:00:51 PM	CAM-25	EBJ	TV	OFU	5	2,083
P00235967-1	11/17/2015	5:01:00 PM	KIN-24	ECE	TV	OCO	13	35,043
P00235989-1	11/17/2015	5:03:09 PM	KAP-16	ECA	TV	OCO	1,179	26,724
P00235972-1	11/17/2015	5:03:11 PM	CRE-16	EAD	EF	OFC	3	3,740

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00235986-1	11/17/2015	5:04:17 PM	BDI-15	EBI	TV	OCE	2	2,543
P00236289-1	11/17/2015	5:07:13 PM	MOT-14	ECC	TV	OCO	807	180,001
P00236013-1	11/17/2015	5:07:40 PM	FLD-12	EAD	TV	OIN	85	2,386,232
P00236152-1	11/17/2015	5:08:44 PM	MOT-14	ECC	TV	OFU	48	33,201
P00236131-1	11/17/2015	5:09:00 PM	PET-13	EAC	TV	OCO	161	92,678
P00236033-1	11/17/2015	5:10:29 PM	GRI-15	ECC	TV	OCO	5	5,338
P00236044-1	11/17/2015	5:11:00 PM	PRI-23	ECC	TV	OCO	66	196,062
P00236042-1	11/17/2015	5:11:44 PM	CHI-16	ECE	TV	OCO	348	13,468
P00236171-1	11/17/2015	5:15:00 PM	PRI-23	ECC	TV	OPO	228	396,807
P00236076-1	11/17/2015	5:15:21 PM	NOR-24	EBD	TV	OSV	1	2,120
P00231196-2	11/17/2015	5:15:47 PM	FAL-13	EBF	TV	OCO	19	297
P00236413-1	11/17/2015	5:16:45 PM	KNT-37	EBJ	TV	OSV	1	1,264
P00236098-1	11/17/2015	5:18:52 PM	PLA-21	EBD	TV	OCO	3	986
P00236109-1	11/17/2015	5:20:21 PM	FLD-15	EAD	TV	SCB	-	2,370
P00236112-1	11/17/2015	5:20:25 PM	CRE-15	EAD	TV	OFU	4	1,533
P00236132-1	11/17/2015	5:21:59 PM	BKB-14	EAC	TV	OFU	21	35,892
P00236125-1	11/17/2015	5:22:00 PM	MIL-23	ECE	TV	OCO	65	157,507
P00236123-1	11/17/2015	5:22:07 PM	ENU-18	EBI	TV	OTF	4	6,918
P00236124-1	11/17/2015	5:22:16 PM	HLC-23	EAD	TV	OFC	-	25,169
P00236126-1	11/17/2015	5:22:26 PM	WOL-25	ECC	TV	OFU	5	6,244
P00236135-1	11/17/2015	5:23:00 PM	SHE-17	ECE	TV	OCO	91	109,170
P00236141-1	11/17/2015	5:23:16 PM	AVO-15	EBD	TV	OCO	2,691	1,391,409
P00236130-1	11/17/2015	5:23:29 PM	CRE-16	EAD	TV	OCO	-	964

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00236136-1	11/17/2015	5:24:02 PM	CRE-15	EAD	TV	OPO	12	3,845
P00236256-1	11/17/2015	5:25:00 PM	TLN-0134	ECC	TV	OCO	1,161	123,865
P00236144-1	11/17/2015	5:25:06 PM	BHL-12	ECE	TV	OCO	7	18,480
P00236156-1	11/17/2015	5:26:00 PM	TLN-0174	EBD	TV	OCO	4,184	5,560,988
P00236161-1	11/17/2015	5:26:42 PM	EPO-12	ECD	TV	OCO	5,157	1,683,314
P00236169-1	11/17/2015	5:27:00 PM	AIR-22	ECC	TV	OCO	-	346,481
P00236197-1	11/17/2015	5:27:30 PM	CRE-15	EAD	TV	OHR	217	3,873
P00236174-1	11/17/2015	5:30:00 PM	ORC-13	EBJ	TV	OFC	1	1,006
P00236178-1	11/17/2015	5:30:44 PM	BRS-24	EAC	TV	OFU	2	7,754
P00236199-1	11/17/2015	5:32:42 PM	OSC-22	EBI	TV	OTF	1	1,388
P00236206-1	11/17/2015	5:33:00 PM	CED-17	ECA	TV	OCO	19	29,341
P00236223-1	11/17/2015	5:35:14 PM	KAP-16	ECA	TV	OCO	-	5,084
P00236242-1	11/17/2015	5:36:57 PM	OBY-17	ECC	UN	OFU	4	3,906
P00236251-1	11/17/2015	5:37:20 PM	PET-12	EAC	TV	OFU	7	10,465
P00237137-1	11/17/2015	5:41:23 PM	CRE-12	EAD	TV	OCO	117	119,915
P00236280-1	11/17/2015	5:41:49 PM	KIN-24	ECE	TV	OCO	848	116,558
P00236299-1	11/17/2015	5:45:00 PM	KIN-22	ECE	TV	OCO	33	64,307
P00236847-1	11/17/2015	5:46:57 PM	LMD-16	EBJ	TV	OFU	8	7,777
P00236320-1	11/17/2015	5:50:00 PM	BIG-16	EAC	TV	OCO	5	7,108
P00237265-1	11/17/2015	5:50:58 PM	KNM-23	EBD	TV	OCO	171	269,408
P00237981-1	11/17/2015	5:52:50 PM	ING-13	EBD	TV	OCR	800	1,040,328
P00236333-1	11/17/2015	5:53:00 PM	PGA-13	ECE	TV	OCO	54	57,719
P00238912-1	11/17/2015	5:53:51 PM	BRO-16	EAD	TV	OCO	4	16,047

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00236342-1	11/17/2015	5:55:43 PM	ETN-13	EBH	TV	OCO	776	19,180
P00237227-1	11/17/2015	6:00:20 PM	CAM-25	EBJ	TV	OFU	3	1,073
P00236382-1	11/17/2015	6:09:00 PM	CRE-15	EAD	TV	OCO	20	10,084
P00236403-1	11/17/2015	6:15:00 PM	BRS-13	EAC	TV	OCO	43	58,548
P00236410-1	11/17/2015	6:18:24 PM	PRI-23	ECC	TV	OSV	1	1,168
P00236425-1	11/17/2015	6:18:41 PM	TLN-0120	EBD	TV	OCO	-	28,813
P00236515-1	11/17/2015	6:30:00 PM	WOO-26	ECA	TV	OCO	59	50,888
P00236450-1	11/17/2015	6:31:15 PM	FRG-24	ECC	TV	OTR	2	2,730
P00237122-1	11/17/2015	6:31:43 PM	CLR-15	EBH	TV	OCO	1	190
P00236457-1	11/17/2015	6:33:48 PM	AIR-23	ECC	TV	OCO	1,721	649,713
P00236465-1	11/17/2015	6:40:07 PM	MOT-14	ECC	TV	OSV	1	1,121
P00236693-1	11/17/2015	6:41:21 PM	BRW-16	EAC	EF	PMF	125	49,573
P00236493-1	11/17/2015	6:52:00 PM	CPV-15	EAD	EF	OPO	52	104,128
P00236498-1	11/17/2015	6:52:47 PM	HLC-23	EAD	TV	OCO	132	164,435
P00236506-1	11/17/2015	6:56:09 PM	LUH-14	ECC	EF	OTF	2	2,081
P00236519-1	11/17/2015	6:59:00 PM	HLC-23	EAD	TV	OCO	2	8,527
P00236521-1	11/17/2015	7:00:04 PM	SWA-15	EAD	TV	OFC	48	107,988
P00237275-1	11/17/2015	7:03:19 PM	SIL-17	ECE	TV	OCO	3	7,827
P00236538-1	11/17/2015	7:06:00 PM	FRG-23	ECC	EF	UOT	20	12,306
P00236549-1	11/17/2015	7:12:00 PM	CEK-16	ECE	TV	OTR	8	18,223
P00236553-1	11/17/2015	7:13:00 PM	PMA-13	ECE	TV	OCO	1	1,610
P00236563-1	11/17/2015	7:16:25 PM	SWA-12	EAD	TV	OTF	2	306
P00236574-1	11/17/2015	7:17:33 PM	BRS-24	EAC	TV	OPO	12	11,092

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00236593-1	11/17/2015	7:20:59 PM	FRG-23	ECC	OD	OSW	9	7,620
P00236615-1	11/17/2015	7:25:14 PM	FWY-11	EBJ	TV	OFU	1	1,155
P00236618-1	11/17/2015	7:25:55 PM	ELD-27	ECC	TV	OCO	5	6,423
P00236625-1	11/17/2015	7:29:39 PM	FRG-23	ECC	EF	OTF	4	3,358
P00236631-1	11/17/2015	7:32:23 PM	BRS-24	EAC	TV	OPO	277	43,639
P00236738-1	11/17/2015	7:35:15 PM	VAS-23	EBL	TV	OCO	176	80,382
P00236663-1	11/17/2015	7:35:16 PM	VAS-23	EBL	TV	OCO	29	10,535
P00232577-2	11/17/2015	7:37:32 PM	VAS-12	EBL	TV	OCO	396	108,313
P00236809-1	11/17/2015	7:37:55 PM	KIT-26	EBH	TV	OCO	28	28,289
P00236656-1	11/17/2015	7:39:20 PM	AVO-13	EBD	TV	OCO	137	234,366
P00237297-1	11/17/2015	7:41:00 PM	VAS-12	EBL	TV	OCO	229	118,946
P00235715-1	11/17/2015	7:43:13 PM	NBE-13	EBF	TV	OCO	130	13,844
P00236696-1	11/17/2015	7:46:00 PM	BRS-24	EAC	TV	OCO	144	174,571
P00237168-1	11/17/2015	7:47:22 PM	VAS-23	EBL	TV	OCO	9	1,525
P00236711-1	11/17/2015	7:48:52 PM	VAS-12	EBL	TV	OCO	10	936
P00236715-1	11/17/2015	7:49:39 PM	CRE-13	EAD	EF	OTF	4	10,637
P00236716-1	11/17/2015	7:50:00 PM	BHL-13	ECE	TV	OCO	10	25,725
P00236753-1	11/17/2015	7:51:21 PM	FAL-15	EBF	TV	OCO	200	35,567
P00237707-1	11/17/2015	7:51:24 PM	SIL-15	ECE	TV	OCO	2,093	1,807,375
P00236736-1	11/17/2015	7:54:02 PM	LYO-15	EBJ	TV	OFU	4	2,308
P00236750-1	11/17/2015	7:57:21 PM	THO-13	EBH	TV	OTF	5	4,680
P00236762-1	11/17/2015	8:00:00 PM	HEM-15	ECA	UN	OTR	37	38,905
P00236762-3	11/17/2015	8:00:00 PM	HEM-15	ECA	UN	UPT	37	38,905

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00236771-1	11/17/2015	8:03:07 PM	VAS-12	EBL	TV	OCO	36	3,650
P00236797-1	11/17/2015	8:05:16 PM	MVW-13	EBJ	TV	SWT	6,885	1,025,759
P00236802-1	11/17/2015	8:07:21 PM	THO-25	EBH	TV	OCO	7	7,805
P00236808-1	11/17/2015	8:08:30 PM	KIN-24	ECE	TV	OCO	35	15,699
P00236815-1	11/17/2015	8:10:00 PM	RPT-23	ECD	TV	OCO	7	18,659
P00236814-1	11/17/2015	8:10:07 PM	HAM-15	EAC	TV	OCO	85	100,010
P00236817-1	11/17/2015	8:11:25 PM	NBE-15	EBF	TV	OCO	29	30,204
P00236828-1	11/17/2015	8:17:00 PM	FAL-13	EBF	TV	OCO	11	18,553
P00236832-1	11/17/2015	8:18:41 PM	CEK-14	ECE	TV	OCO	3	7,801
P00236837-1	11/17/2015	8:19:00 PM	WLK-13	ECA	TV	OCO	243	99,379
P00236837-3	11/17/2015	8:19:00 PM	WLK-13	ECA	TV	OCO	243	99,379
P00237082-1	11/17/2015	8:20:06 PM	BON-15	ECA	OD	OCO	108	98,075
P00236853-1	11/17/2015	8:25:38 PM	GLA-12	EAA	TV	SCB	-	65,711
P00236852-1	11/17/2015	8:26:35 PM	BON-15	ECA	TV	OCO	74	3,474
P00236958-1	11/17/2015	8:28:00 PM	TLN-0146	EBI	TV	SWT	4,934	174,994
P00236963-1	11/17/2015	8:28:00 PM	TLN-0146	EBI	TV	SWT	6,485	238,324
P00236967-1	11/17/2015	8:28:00 PM	TLN-0146	EBI	TV	SWT	2,424	90,456
P00237324-1	11/17/2015	8:33:00 PM	BON-15	ECA	TV	OCO	55	34,931
P00236977-1	11/17/2015	8:40:00 PM	KIN-24	ECE	TV	OCO	54	55,072
P00236979-1	11/17/2015	8:41:59 PM	VAS-13	EBL	TV	OSV	3	506
P00236986-1	11/17/2015	8:43:00 PM	KIN-24	ECE	TV	OCO	16	15,530
P00236981-1	11/17/2015	8:43:01 PM	KIN-24	ECE	TV	OCO	76	12,792
P00237007-1	11/17/2015	8:53:00 PM	PAN-15	EBJ	UN	OCO	209	103,646

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00237003-1	11/17/2015	8:53:17 PM	SHD-18	EBI	TV	OCO	3	1,950
P00237210-1	11/17/2015	8:53:28 PM	MOT-14	ECC	TV	OCO	807	205,058
P00231158-2	11/17/2015	8:56:31 PM	KLA-15	EBD	TV	OCO	-	564,792
P00237029-1	11/17/2015	8:57:37 PM	VAS-13	EBL	TV	OCO	7	1,516
P00237033-1	11/17/2015	8:58:00 PM	FRG-23	ECC	TV	OSV	2	1,172
P00237041-1	11/17/2015	9:03:00 PM	FAL-13	EBF	TV	OCO	53	53,789
P00237054-1	11/17/2015	9:06:21 PM	PEA-15	EBJ	EF	OFC	3	2,502
P00236505-1	11/17/2015	9:08:30 PM	WAY-13	EBD	TV	OPO	106	99,525
P00237063-1	11/17/2015	9:09:00 PM	KIN-24	ECE	TV	OCO	3	8,038
P00237079-1	11/17/2015	9:17:03 PM	LUH-14	ECC	EF	OTF	1	900
P00236533-2	11/17/2015	9:18:25 PM	SWA-12	EAD	TV	OCO	183	17,052
P00237086-1	11/17/2015	9:21:20 PM	TOL-15	EBD	TV	OCO	8	120
P00237303-1	11/17/2015	9:22:53 PM	UHL-25	EBD	TV	OCO	201	42,843
P00237093-1	11/17/2015	9:26:11 PM	BRS-24	EAC	TV	OFU	26	188
P00237115-1	11/17/2015	9:27:00 PM	EGT-25	EBE	TV	OCO	38	36,788
P00237110-1	11/17/2015	9:36:55 PM	FCR-12	EBI	TV	OTF	3	2,721
P00237123-1	11/17/2015	9:42:00 PM	BON-16	ECA	TV	OCO	5	2,508
P00237386-1	11/17/2015	9:43:00 PM	CHI-12	ECD	TV	OCO	15	35,826
P00237135-1	11/17/2015	9:50:21 PM	BRO-15	EAD	TV	OFU	-	1,580
P00237143-1	11/17/2015	9:52:26 PM	SKY-25	EBD	TV	OCO	-	5,474
P00237147-1	11/17/2015	9:53:00 PM	ETN-15	EBH	TV	OCO	33	49,413
P00231424-2	11/17/2015	9:54:34 PM	KLA-17	EBD	TV	OCO	-	69,829
P00237152-1	11/17/2015	9:55:00 PM	ETN-13	EBI	TV	OCO	6	36,080

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00237169-1	11/17/2015	10:04:47 PM	GBK-15	EAD	TV	OCO	-	15,849
P00237176-1	11/17/2015	10:08:12 PM	MVW-15	EBJ	TV	OFU	11	6,826
P00237188-1	11/17/2015	10:14:43 PM	ROC-16	ECC	TV	OCO	105	158,956
P00239327-1	11/17/2015	10:24:13 PM	GWR-16	EBI	TV	OCO	13	36,015
P00237207-1	11/17/2015	10:36:39 PM	VAS-13	EBL	TV	OTF	3	247
P00236136-3	11/17/2015	10:44:39 PM	CRE-15	EAD	TV	OPO	12	4,772
P00237389-1	11/17/2015	10:50:59 PM	EPO-15	ECD	TV	OCO	467	397,426
P00236631-2	11/17/2015	10:56:36 PM	BRS-24	EAC	TV	OPO	-	45,972
P00237235-1	11/17/2015	11:04:22 PM	SKE-22	ECE	TV	OSV	4	8,089
P00237243-1	11/17/2015	11:09:16 PM	WIS-14	EBF	TV	OCO	82	55,239
P00237334-1	11/17/2015	11:10:37 PM	BRO-15	EAD	TV	OCO	-	4,705
P00237248-1	11/17/2015	11:18:22 PM	CHI-12	ECD	TV	OCO	335	732,969
P00237249-1	11/17/2015	11:18:41 PM	CPV-15	EAD	TV	OTF	-	1
P00237267-1	11/17/2015	11:36:15 PM	FWD-17	EBJ	TV	OFU	1	411
P00237368-1	11/17/2015	11:39:26 PM	CHI-12	ECD	TV	OCO	175	254,815
P00237281-1	11/17/2015	11:52:24 PM	RPT-17	ECD	TV	OSV	3	7,542

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



Four Dead, 1 Million Lose Power in Destructive Northwest Windstorm

Published: Nov 18 2015 01:00PM EST By Eric Chaney weather.com

At least three people are dead and more than 1 million lost power Tuesday as powerful winds raked the Pacific Northwest and parts of the interior Northwest.

Winds were clocked as high as 119 mph in the mountains of Washington State while urban centers were buffeted by winds strong enough to cause extensive damage to trees and buildings, knocking out power to hundreds of thousands of people in the Seattle and Spokane areas.

Heavy rain is also causing its share of problems, contributing to serious flooding in parts of western Washington.

Here are the latest impacts from this system.

Falling trees were blamed for three deaths, extensive power outages and structural damage Tuesday in Washington.

The Washington Department of Transportation shut down a 17-mile stretch of Interstate 90 from the Vantage Bridge to Adams Road, five miles east of George, Tuesday afternoon due to poor visibility from blowing dust.

The DOT told Reuters that a mudslide closed parts of State Route 20, north of Seattle, while flooding and downed trees forced the closure of a stretch of U.S. Route 2.

A 119-mph wind gust was clocked by an anemometer on White Pass in the Cascade Range Tuesday afternoon. White Pass is located about 80 miles southeast of Seattle. Several other mountain locations gusted over 110 mph Tuesday.

Heavy rain from this windstorm, in addition to rain from another strong Pacific storm last week, sent rivers above flood stage in western Washington, with the worst flooding occurring north and northeast of Seattle.

The Skykomish River in Snohomish County near Gold Bar crested at its third highest level on record late Tuesday, over 7 feet above flood stage, the highest level since the record-setting November 2006 flood. Flood waters swamped the town of Sultan, about six miles downstream from Gold Bar, Tuesday night, prompting of a rescue of one woman forced to climb out her front window, according to King5.com.