



2014
Qualifying Events Report
November 11, 2014 Event

Filed on February 11, 2015

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Event Description

Event Date and Time

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

Event Type

Wind

Service Areas Significantly Affected

South King, Pierce County, and Vashon Island

Number of Customers Affected

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

Summary of System Impacts

Total Number of Outages	533
Distribution Circuits Totally Out	22
Distribution Circuits Partially Out	511
Transmission Circuits Affected	12
Substations Offline	9

Mobilization Summary

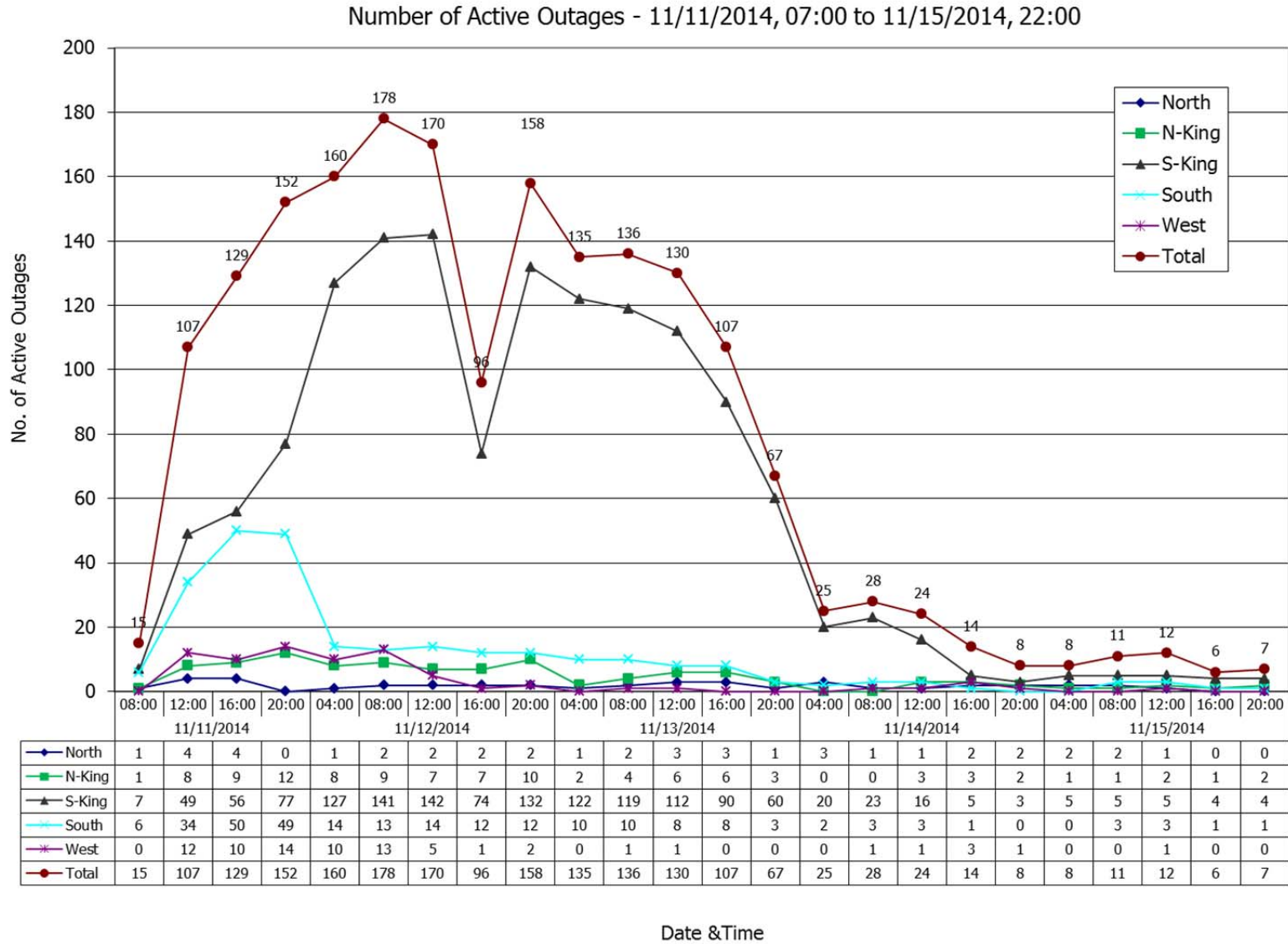
Operating Bases Placed In Emergency Status

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

Emergency Coordination Center (ECC)

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

Active Outage Event Chart



Major Event Day – Qualification

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 > Tmed is a major event day

Puget Sound Energy's IEEE Major Event Threshold (T_{MED}) for 2014: 5.6 Minutes

Qualified Events - 2014

Current Event – Calculation Detail

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

¹ IEEE: Institute of Electrical and Electronics Engineers

² SAIDI: System Average Interruption Duration Index

List of the first day that daily SAIDI exceeded PSE's T_{MED} of 5.6 Minutes by qualifying event

Date	Daily SAIDI (from midnight to midnight)	O&M³ Costs– Deferrable Accumulation
1-11-2014	41.6 (r)	\$ 4,446,568 (r)
2-12-2014	9.0	\$ 595,642
2-23-2014	8.4 (r)	\$ 1,287,276
10-25-2014	93.38	\$ 1,670,514 (r)
11-11-2014	86.48	\$ 0

³ O&M: Operations and Maintenance
(r): Revised

Event Restoration – Cost Summary
Restoration Costs Detail by Qualifying Event (updated)

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

(r) Revised

YTD Storm Restoration Costs Detail

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

Detail Documents

Restoration Cost Detail – Current Event

Detailed List of Distribution Circuits with Outages

Terms, Codes and Definitions Used on Detail Reports

Newsprint Media Coverage

Restoration Cost Detail – Current Event

Puget Sound Energy						
November 11, 2014 Storm Event - Storm Damage Repair Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
Regular Time	\$ -	\$ 1,133	\$ -	\$ 145,008	\$ 145,008	\$ 146,141
Over Time	\$ -	\$ -	\$ -	\$ 487,274	\$ 487,274	\$ 487,274
Total Labor	\$ -	\$ 1,133	\$ -	\$ 632,281	\$ 632,281	\$ 633,414
Labor OH	\$ -	\$ 878	\$ (250,004)	\$ 595,764	\$ 345,760	\$ 346,638
Materials	\$ -	\$ 112,681	\$ -	\$ 289,479	\$ 289,479	\$ 402,160
Contractors	\$ -	\$ 496,935	\$ -	\$ 6,439,693	\$ 6,439,693	\$ 6,936,628
Other Direct Charges	\$ -	\$ -	\$ -	\$ 86,978	\$ 86,978	\$ 86,978
Fleet	\$ -	\$ 61	\$ -	\$ 64,743	\$ 64,743	\$ 64,804
Other Assessments	\$ -	\$ 69,711	\$ 559,035	\$ (524,934)	\$ 34,100	\$ 103,811
Deferred Expenses	\$ 7,584,004	\$ -	\$ -	\$ (7,584,004)	\$ (7,584,004)	\$ -
	<u>\$ 7,584,004</u>	<u>\$ 681,398</u>	<u>\$ 309,030</u>	<u>\$ -</u>	<u>\$ 309,030</u>	<u>\$ 8,574,433</u>

Detailed List of Outages Starting on November 11, 2014, the First T_{MED}-Exceeding Day of the Current Event

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00127174-1	11/11/2014	12:40:54 AM	VIS-22	EAA	EF	USV	2	250
P00127176-1	11/11/2014	12:54:17 AM	KCR-17	EBJ	EF	USV	3	519
P00127178-1	11/11/2014	2:39:06 AM	PTR-16	EAA	UN	OFU	189	26,205
P00127182-1	11/11/2014	5:30:00 AM	DGR-15	ECA	TV	CDH	74	6,545
P00127183-1	11/11/2014	5:30:57 AM	CED-17	ECA	TV	OCO	716	101,018
P00127187-1	11/11/2014	5:45:00 AM	MCW-17	ECE	EF	UPC	27	10,773
P00127190-1	11/11/2014	6:07:00 AM	ENU-17	EBI	EO	OJU	718	185,561
P00127202-1	11/11/2014	6:20:00 AM	CUM-15	EBI	TV	OCO	10	1,728
P00127210-1	11/11/2014	6:30:00 AM	PRE-11	EBE	EF	UPT	3	2,493
P00127213-1	11/11/2014	6:44:17 AM	BUC-16	ECA	OD	OHR	443	38,652
P00127220-1	11/11/2014	6:47:00 AM	OSC-25	EBI	TV	OCO	4	14,536
P00127229-1	11/11/2014	6:54:00 AM	NLM-16	EAC	EF	OTR	1	266
P00127233-1	11/11/2014	6:59:16 AM	SOO-25	EBI	TV	OFU	22	85,342
P00127234-1	11/11/2014	7:01:00 AM	CAM-23	EBJ	TV	OCO	4	2,175
P00127237-1	11/11/2014	7:04:00 AM	SEQ-22	EBJ	TV	OCO	266	142,549
P00127238-1	11/11/2014	7:05:00 AM	DGR-15	ECA	TV	OCO	85	6,913
P00127239-1	11/11/2014	7:06:17 AM	DGR-13	ECA	TV	OTF	2	1,816
P00127244-1	11/11/2014	7:18:57 AM	CUM-15	EBI	TV	OCO	591	15,533
P00127251-1	11/11/2014	7:24:00 AM	SOO-23	EBI	TV	OCO	95	15,309
P00127249-1	11/11/2014	7:26:00 AM	HOB-17	EBI	TV	OCO	28	11,680
P00127250-1	11/11/2014	7:26:36 AM	BUC-16	ECA	TV	OCO	4	384
P00127255-1	11/11/2014	7:28:00 AM	DGR-13	ECA	TV	OCO	84	72,011
P00127258-1	11/11/2014	7:29:47 AM	EGT-12	EBE	TV	OTF	3	407
P00127625-1	11/11/2014	7:39:00 AM	CED-17	ECA	TV	OCO	499	132,355
P00127267-1	11/11/2014	7:46:00 AM	BDI-13	EBI	TV	OCO	167	302,474
P00127276-1	11/11/2014	7:49:00 AM	DGR-15	ECA	TV	OTR	6	54,627
P00129804-1	11/11/2014	7:49:59 AM	PEA-15	EBJ	TV	OCO	1,396	2,641,368
P00127290-1	11/11/2014	7:50:00 AM	CUM-15	EBI	TV	OCO	58	59,329
P00127285-1	11/11/2014	7:52:38 AM	SLA-15	EAA	TV	OTF	7	1,066
P00127297-1	11/11/2014	8:06:45 AM	LMD-16	EBJ	TV	OFU	42	33,499
P00127298-1	11/11/2014	8:06:47 AM	EDG-13	ECA	TV	OCO	0	15,680
P00127299-1	11/11/2014	8:08:00 AM	STA-16	EBJ	TV	OCO	62	22,806
P00130326-1	11/11/2014	8:08:40 AM	GLC-14	EBJ	TV	OTF	4	3,585
P00127304-1	11/11/2014	8:09:00 AM	CAM-25	EBJ	TV	OPO	3,838	1,117,031
P00127301-1	11/11/2014	8:09:00 AM	LUH-17	ECC	EF	OCO	487	243,971
P00127413-1	11/11/2014	8:12:00 AM	TLN-0140	EBJ	TV	OCO	5,123	50,292
P00127300-1	11/11/2014	8:16:09 AM	GLC-14	EBJ	TV	OFU	21	18,502
P00127362-1	11/11/2014	8:16:11 AM	SEQ-22	EBJ	TV	UOT	30	105,364
P00127378-1	11/11/2014	8:17:22 AM	STA-16	EBJ	TV	OCO	3	1,160
P00127416-1	11/11/2014	8:20:00 AM	EDG-13	ECA	TV	OCO	125	44,515
P00127492-1	11/11/2014	8:21:00 AM	LTA-18	ECA	TV	OPO	1,283	558,261
P00127430-1	11/11/2014	8:21:53 AM	SMR-26	ECA	TV	OCO	602	85,725
P00127584-1	11/11/2014	8:25:00 AM	DGR-15	ECA	TV	OCO	211	138,582
P00127679-1	11/11/2014	8:25:18 AM	EDG-13	ECA	TV	OCO	46	5,328
P00127456-1	11/11/2014	8:29:17 AM	FLD-15	EAD	EO	OFC	120	13,758

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00127476-1	11/11/2014	8:35:11 AM	VAS-23	EBL	TV	OCO	1	34
P00127268-1	11/11/2014	8:35:27 AM	DGR-15	ECA	TV	OCO	0	2,500
P00127479-1	11/11/2014	8:36:37 AM	DGR-15	ECA	TV	OTF	4	213
P00127486-1	11/11/2014	8:40:49 AM	MIR-26	EBF	TV	OCO	1	97
P00127491-1	11/11/2014	8:44:00 AM	HOL-12	ECA	EF	OTF	7	1,351
P00127504-1	11/11/2014	8:49:10 AM	CED-15	ECA	EF	OCE	1	293
P00127506-1	11/11/2014	8:50:00 AM	FCR-12	EBI	TV	OFU	16	6,792
P00127564-1	11/11/2014	8:54:39 AM	BDI-15	EBI	TV	OFU	24	37,076
P00127517-1	11/11/2014	8:57:41 AM	BON-17	ECA	TV	OCO	1,802	219,002
P00127523-1	11/11/2014	9:03:00 AM	EDG-13	ECA	TV	OCO	27	15,933
P00127529-1	11/11/2014	9:05:00 AM	FRA-16	ECD	UN	OCO	10	3,045
P00127539-1	11/11/2014	9:05:16 AM	VAS-13	EBL	TV	OCO	1,074	583,574
11161280	11/11/2014	9:07:59 AM	HOB-15	EBI	TV	OCO	47	30,664
P00127540-1	11/11/2014	9:08:00 AM	LOL-21	ECD	UN	OCO	55	25,174
P00127534-1	11/11/2014	9:09:00 AM	OSC-23	EBI	TV	OCO	23	15,585
P00127535-1	11/11/2014	9:09:27 AM	VAS-23	EBL	TV	OCO	15	1,064
P00127538-1	11/11/2014	9:11:00 AM	ELD-25	ECC	EF	OTR	16	3,079
P00127549-1	11/11/2014	9:16:00 AM	DUV-12	EBD	TV	OCO	2,965	379,359
P00127551-1	11/11/2014	9:18:22 AM	BDI-13	EBI	TV	OHR	182	27,931
P00127558-1	11/11/2014	9:19:00 AM	OSC-25	EBI	TV	OCO	3,672	3,822,134
P00127553-1	11/11/2014	9:19:00 AM	ENU-16	EBI	TV	OTR	3	6,984
P00127574-1	11/11/2014	9:21:00 AM	MST-25	EBJ	UN	OJU	320	81,931
P00127579-1	11/11/2014	9:22:28 AM	MIR-15	EBF	TV	OCO	462	54,585
P00127581-1	11/11/2014	9:23:53 AM	EDG-13	ECA	EF	OTF	2	724
P00127588-1	11/11/2014	9:24:00 AM	LAT-16	EBJ	TV	OCO	1,217	168,088
P00127783-1	11/11/2014	9:24:54 AM	DGR-15	ECA	TV	OCO	877	209,543
P00127600-1	11/11/2014	9:26:00 AM	LTA-17	ECA	TV	OCR	1,147	322,763
P00130236-1	11/11/2014	9:27:04 AM	EDG-13	ECA	TV	OFU	23	18,045
P00127645-1	11/11/2014	9:32:07 AM	LTA-16	ECA	TV	OCN	1	840
P00127608-1	11/11/2014	9:33:00 AM	DUV-15	EBD	TV	OCO	4	1,396
P00127613-1	11/11/2014	9:37:18 AM	CUM-15	EBI	TV	OSV	1	237
P00127620-1	11/11/2014	9:40:10 AM	STA-16	EBJ	TV	OTF	2	610
P00127622-1	11/11/2014	9:41:00 AM	FCR-14	EBI	TV	OPO	1	539
P00127624-1	11/11/2014	9:42:28 AM	VAS-13	EBL	TV	OCO	204	35,863
P00127639-1	11/11/2014	9:48:00 AM	LWS-13	EBJ	TV	OCO	1,113	86,517
P00127638-1	11/11/2014	9:49:16 AM	FCR-13	EBI	TV	OFU	104	14,865
P00127640-1	11/11/2014	9:50:10 AM	FWD-16	EBJ	TV	UTC	1	2,599
P00127675-1	11/11/2014	9:51:10 AM	KWH-26	EBE	EF	USV	1	139
P00127643-1	11/11/2014	9:51:56 AM	BRS-24	EAC	TV	OFU	18	1,688
P00127683-1	11/11/2014	9:55:18 AM	VAS-23	EBL	TV	OCO	133	8,207
P00127654-1	11/11/2014	9:55:42 AM	CAP-13	ECC	TV	OCO	2,054	93,411
P00127656-1	11/11/2014	9:57:00 AM	BCH-15	EAA	EF	OPO	21	9,046
P00127661-1	11/11/2014	10:00:04 AM	BON-15	ECA	EF	OSV	1	225
P00127688-1	11/11/2014	10:01:38 AM	BON-16	ECA	EF	OTF	1	214
P00127971-1	11/11/2014	10:01:49 AM	SHD-18	EBI	TV	OPO	97	182,994
P00127673-1	11/11/2014	10:05:08 AM	FNW-17	ECD	TV	OTR	3	1,343
P00131287-1	11/11/2014	10:07:37 AM	FWY-12	EBJ	TV	OCO	2,596	5,535,029
P00131236-1	11/11/2014	10:07:37 AM	BAS-13	EBJ	TV	OFU	136	32,247

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00127689-1	11/11/2014	10:11:37 AM	TAN-16	ECC	EF	UPC	99	23,882
P00127926-1	11/11/2014	10:14:00 AM	EPO-15	ECD	VA	OCO	210	60,225
P00127698-1	11/11/2014	10:14:31 AM	MWD-13	EBE	TV	UTC	10	1,554
P00127740-1	11/11/2014	10:23:48 AM	WOO-26	ECA	TV	OSV	2	1,534
P00128214-1	11/11/2014	10:24:26 AM	SHD-01	EBI	TV	OCO	6,614	4,896,998
P00129696-1	11/11/2014	10:30:40 AM	CUM-15	EBI	TV	OCO	113	370,666
P00127782-1	11/11/2014	10:31:00 AM	SEQ-17	EBJ	TV	OCO	3	11,079
P00127785-1	11/11/2014	10:33:14 AM	WLK-13	ECA	TV	OTF	6	1,775
P00127792-1	11/11/2014	10:37:36 AM	EDG-16	ECA	UN	OFU	33	25,434
P00131593-1	11/11/2014	10:37:38 AM	GWR-16	EBI	TV	OSW	48	179,558
P00127930-1	11/11/2014	10:38:00 AM	TLN-0098	ECD	TV	OCO	2,599	254,740
P00127795-1	11/11/2014	10:39:52 AM	NNO-12	EBJ	TV	OTF	2	3,459
P00127853-1	11/11/2014	10:42:00 AM	EDG-13	ECA	TV	OCO	12	8,344
P00127838-1	11/11/2014	10:42:04 AM	FNW-16	ECD	TV	OCO	81	7,791
11146222	11/11/2014	10:45:00 AM	VAS-13	EBL	TV	OCO	204	22,440
P00127918-1	11/11/2014	10:45:28 AM	LYO-15	EBJ	TV	OCO	24	28,929
P00127924-1	11/11/2014	10:47:34 AM	BCH-15	EAA	BA	OTF	1	112
P00127931-1	11/11/2014	10:49:16 AM	DUV-15	EBD	TV	OTF	2	658
P00128324-1	11/11/2014	10:51:49 AM	WAB-13	EBI	TV	OCO	158	67,563
P00127980-1	11/11/2014	10:56:28 AM	VAS-12	EBL	TV	OCO	2	2,580
P00127985-1	11/11/2014	10:56:54 AM	NHL-15	EBD	TV	OCO	39	2,649
P00127990-1	11/11/2014	10:57:00 AM	KIT-25	EBH	EF	OCO	21	4,916
P00128001-1	11/11/2014	10:58:00 AM	CUM-13	EBI	TV	OCO	4	13,515
P00128032-1	11/11/2014	10:58:09 AM	ZEN-26	EBJ	TV	OFU	96	152,619
P00128035-1	11/11/2014	11:00:23 AM	ENU-17	EBI	TV	OCO	248	43,830
P00129205-1	11/11/2014	11:02:03 AM	BUC-01	ECA	TV	OCO	1,065	1,509,900
P00129320-1	11/11/2014	11:02:03 AM	BUC-01	ECA	TV	OFU	476	139,610
P00128152-1	11/11/2014	11:07:09 AM	FNW-17	ECD	TV	OCO	4	1,105
P00128082-1	11/11/2014	11:12:38 AM	RDO-12	EBJ	TV	OCO	1,464	303,438
P00128091-1	11/11/2014	11:14:56 AM	FCR-12	EBI	TV	OCO	157	72,859
P00130845-1	11/11/2014	11:15:14 AM	LWS-13	EBJ	TV	OFU	204	426,969
P00128096-1	11/11/2014	11:15:44 AM	BUC-26	ECA	TV	OCO	9	2,497
P00128104-1	11/11/2014	11:18:13 AM	ROC-16	ECC	BA	OTF	1	391
P00128110-1	11/11/2014	11:18:50 AM	SOO-27	EBI	TV	OCO	2,030	3,738,432
P00128121-1	11/11/2014	11:24:04 AM	BDI-15	EBI	TV	OCO	2	3,962
P00128134-1	11/11/2014	11:24:29 AM	PGA-13	ECE	TV	OCO	1,177	91,904
P00128126-1	11/11/2014	11:24:43 AM	LLT-16	EBD	TV	OJU	3	466
P00128147-1	11/11/2014	11:28:31 AM	CED-17	ECA	EF	OTF	5	522
P00128212-1	11/11/2014	11:33:12 AM	SOO-25	EBI	TV	OCO	1,575	548,845
P00128168-1	11/11/2014	11:35:09 AM	SMR-26	ECA	TV	OSV	1	67
P00132538-1	11/11/2014	11:39:29 AM	LMD-16	EBJ	TV	OFU	150	468,793
P00128232-1	11/11/2014	11:47:00 AM	BDI-13	EBI	TV	OCO	1,088	221,456
P00128228-1	11/11/2014	11:47:16 AM	BCH-13	EAA	EF	OTR	6	1,895
P00128437-1	11/11/2014	11:52:22 AM	ENU-17	EBI	TV	OHR	40	4,239
P00128254-1	11/11/2014	11:57:23 AM	FRA-16	ECD	TV	OCO	1,333	52,187
P00128260-1	11/11/2014	11:57:58 AM	NNO-13	EBJ	TV	OCO	551	201,335
P00128280-1	11/11/2014	12:02:03 PM	FRA-12	ECD	TV	OCO	814	55,637
P00128265-1	11/11/2014	12:02:21 PM	FCH-24	ECA	TV	OSV	7	4,661

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00128273-1	11/11/2014	12:04:57 PM	RHO-15	ECA	TV	OTF	1	667
P00128285-1	11/11/2014	12:08:14 PM	PIP-22	EBI	TV	OCO	10	26,814
P00128289-1	11/11/2014	12:09:00 PM	MSI-24	EBF	UN	UPC	11	6,490
P00128288-1	11/11/2014	12:09:21 PM	KEN-12	EAA	TV	OCO	12	1,986
P00128303-1	11/11/2014	12:18:00 PM	FCR-12	EBI	TV	OFU	36	1,627
P00128322-1	11/11/2014	12:31:32 PM	LYO-12	EBJ	TV	OCO	1,220	598,492
P00128323-1	11/11/2014	12:33:00 PM	BUC-16	ECA	TV	OCO	2	646
P00128383-1	11/11/2014	12:39:43 PM	TLN-0159	EBH	EF	OCO	1,209	221,468
P00128396-1	11/11/2014	12:40:56 PM	LUH-14	ECC	TV	OHR	744	41,912
P00128339-1	11/11/2014	12:41:39 PM	HYA-13	EBF	EF	OCO	11	2,330
P00128368-1	11/11/2014	12:42:46 PM	LAT-17	EBJ	TV	OCO	159	37,603
P00129380-1	11/11/2014	12:44:03 PM	EDG-12	ECA	TV	OCO	934	1,966,204
P00128389-1	11/11/2014	12:48:39 PM	CLY-27	EBE	TV	OTF	4	529
P00128410-1	11/11/2014	12:57:16 PM	EDG-13	ECA	TV	OTF	2	1,244
P00128416-1	11/11/2014	1:00:49 PM	LWS-14	EBJ	TV	OCO	1,671	113,127
P00128423-1	11/11/2014	1:07:26 PM	BON-17	ECA	TV	OTF	5	578
P00128426-1	11/11/2014	1:08:25 PM	FRU-22	ECA	TV	OSV	1	9
P00128435-1	11/11/2014	1:14:11 PM	DGR-15	ECA	EF	PTF	9	1,204
P00128688-1	11/11/2014	1:15:00 PM	SKY-25	EBD	TV	OCO	383	144,177
P00128436-1	11/11/2014	1:15:37 PM	DGR-16	ECA	TV	OFU	10	4,499
P00128444-1	11/11/2014	1:18:00 PM	CED-17	ECA	TV	OSV	1	519
P00128565-1	11/11/2014	1:18:50 PM	BDI-13	EBI	TV	OHR	182	62,232
P00128447-1	11/11/2014	1:19:00 PM	SKY-23	EBD	TV	OCO	19	3,926
P00128446-1	11/11/2014	1:19:29 PM	COT-15	EBD	TV	OCO	21	1,676
P00128448-1	11/11/2014	1:20:09 PM	KIN-24	ECE	TV	OCO	55	5,212
P00128452-1	11/11/2014	1:23:00 PM	SOO-23	EBI	TV	OCO	232	58,116
P00128451-1	11/11/2014	1:23:26 PM	CED-17	ECA	TV	OTF	5	208
P00128459-1	11/11/2014	1:28:15 PM	DGR-15	ECA	TV	OCO	571	12,338
P00128466-1	11/11/2014	1:36:01 PM	DGR-15	ECA	EF	UPT	6	600
P00128468-1	11/11/2014	1:37:22 PM	CWD-24	EBD	DU	USV	1	144
P00128609-1	11/11/2014	1:48:00 PM	SOO-25	EBI	TV	OHR	693	163,813
P00128489-1	11/11/2014	1:49:39 PM	MVW-13	EBJ	TV	OCO	3,113	204,213
P00128525-1	11/11/2014	2:02:00 PM	LUH-14	ECC	TV	OCO	30	4,959
P00128511-1	11/11/2014	2:02:44 PM	LTA-17	ECA	EF	PTF	5	526
P00128514-1	11/11/2014	2:04:00 PM	BON-17	ECA	TV	OTR	4	2,541
P00128515-1	11/11/2014	2:04:45 PM	DGR-15	ECA	TV	OCO	1	300
P00128521-1	11/11/2014	2:08:00 PM	AIR-22	ECC	EF	USV	1	485
P00128526-1	11/11/2014	2:09:58 PM	EDG-13	ECA	TV	OCO	22	11,165
P00128528-1	11/11/2014	2:11:52 PM	BON-13	ECA	EF	OTF	5	471
P00128530-1	11/11/2014	2:12:35 PM	LTA-17	ECA	EF	PTF	3	184
P00128545-1	11/11/2014	2:12:44 PM	PRI-13	ECC	TV	OFU	165	19,665
P00128534-1	11/11/2014	2:14:10 PM	OBY-17	ECC	UN	OFU	3	285
P00128540-1	11/11/2014	2:17:34 PM	BAS-13	EBJ	UN	PTF	31	37,461
P00128555-1	11/11/2014	2:26:15 PM	EDG-13	ECA	TV	OCO	3	2,448
P00128641-1	11/11/2014	2:39:57 PM	ENU-17	EBI	TV	OFU	111	32,952
P00128621-1	11/11/2014	2:40:24 PM	SWE-13	EBJ	TV	OFU	530	104,198
P00130606-1	11/11/2014	2:44:00 PM	RDO-12	EBJ	EO	OJU	1,222	902,406
P00128594-1	11/11/2014	2:45:00 PM	CAM-24	EBJ	EF	OFU	1	1,500

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00128592-1	11/11/2014	2:45:18 PM	PGA-12	ECE	TV	OSV	2	602
P00128603-1	11/11/2014	2:48:00 PM	OSC-23	EBI	TV	OCO	22	62,787
P00128606-1	11/11/2014	2:49:00 PM	DGR-15	ECA	TV	OCO	15	2,821
P00128619-1	11/11/2014	2:53:45 PM	PGA-13	ECE	TV	OSV	4	2,006
P00128326-1	11/11/2014	2:54:22 PM	VAS-13	EBL	TV	OCO	13	15,356
P00128639-1	11/11/2014	3:00:57 PM	LTA-18	ECA	EF	PTF	11	562
P00128648-1	11/11/2014	3:05:40 PM	MIR-16	EBF	TV	OCO	105	30,938
P00128654-1	11/11/2014	3:09:46 PM	SCH-13	EAA	EF	OCN	1	74
P00129425-1	11/11/2014	3:11:00 PM	EDG-16	ECA	TV	OCO	1,183	981,003
P00128664-1	11/11/2014	3:11:52 PM	EDG-16	ECA	TV	OTR	52	156,270
P00128661-1	11/11/2014	3:13:00 PM	DGR-13	ECA	TV	OPO	121	35,879
P00128827-1	11/11/2014	3:14:07 PM	OSC-22	EBI	UN	OHR	641	118,361
P00128673-1	11/11/2014	3:17:00 PM	GRI-16	ECC	TV	OCO	6	2,677
P00131837-1	11/11/2014	3:23:53 PM	HOB-15	EBI	EO	OFU	32	65,178
P00128685-1	11/11/2014	3:24:55 PM	FRA-12	ECD	TV	OTR	2	152
P00128687-1	11/11/2014	3:25:58 PM	DUV-15	EBD	TV	OJU	4	916
P00129362-1	11/11/2014	3:26:40 PM	ZEN-26	EBJ	TV	OFU	5	6,625
P00128693-1	11/11/2014	3:26:56 PM	VAS-12	EBL	UN	OCO	88	19,383
P00128694-1	11/11/2014	3:26:58 PM	FRA-13	ECD	TV	OSV	1	196
P00128714-1	11/11/2014	3:32:27 PM	LTA-18	ECA	EF	PTF	6	615
11146323	11/11/2014	3:34:00 PM	BHS-14	EAA	TV	OCO	6	1,584
P00128723-1	11/11/2014	3:37:03 PM	ELD-23	ECC	TV	OFU	11	1,434
P00128781-1	11/11/2014	3:42:26 PM	HOB-15	EBI	TV	OHR	474	41,412
P00128767-1	11/11/2014	3:47:00 PM	ELL-14	EBJ	TV	OCO	2,078	738,032
P00128765-1	11/11/2014	3:48:00 PM	ZEN-26	EBJ	TV	OFU	20	26,014
P00128777-1	11/11/2014	3:52:40 PM	CED-17	ECA	EF	OTF	2	175
P00131147-1	11/11/2014	3:53:13 PM	EDG-12	ECA	TV	OFU	0	160,279
P00128787-1	11/11/2014	3:58:46 PM	BON-15	ECA	TV	OCO	24	13,407
P00128788-1	11/11/2014	3:59:21 PM	BON-17	ECA	EF	OTF	3	245
11161311	11/11/2014	4:02:00 PM	OSC-23	EBI	TV	OCO	281	169,252
P00129176-1	11/11/2014	4:02:09 PM	RDO-12	EBJ	EO	OJU	153	375,277
P00131964-1	11/11/2014	4:02:44 PM	OSC-23	EBI	TV	OHR	1,264	1,699,141
P00129470-1	11/11/2014	4:13:00 PM	WCA-16	EBJ	TV	OCO	1,310	2,358,221
P00129376-1	11/11/2014	4:16:54 PM	KCR-16	EBJ	TV	OCO	187	461,310
P00128830-1	11/11/2014	4:16:54 PM	KCR-16	EBJ	TV	OCO	756	1,653,960
P00128846-1	11/11/2014	4:19:23 PM	LAU-13	EAA	EO	OTF	2	115
P00128859-1	11/11/2014	4:21:08 PM	42351	ECC	AV	OCO	543	22,164
P00128868-1	11/11/2014	4:23:35 PM	RPT-15	ECD	EF	OTR	5	400
P00128875-1	11/11/2014	4:24:28 PM	MHT-17	EBJ	TV	OCO	1,144	98,584
P00128885-1	11/11/2014	4:28:52 PM	CED-17	ECA	TV	OTF	5	261
P00128891-1	11/11/2014	4:30:00 PM	LTA-17	ECA	TV	OCO	5	5,853
P00128899-1	11/11/2014	4:36:00 PM	STW-13	ECA	TV	OCO	10	5,614
P00128904-1	11/11/2014	4:38:40 PM	EDG-13	ECA	TV	OCO	1,203	70,093
P00128913-1	11/11/2014	4:44:00 PM	DGR-15	ECA	TV	OCO	65	20,177
P00128914-1	11/11/2014	4:45:00 PM	SHD-17	EBI	TV	OCO	28	98,338
P00129162-1	11/11/2014	4:46:00 PM	WAB-13	EBI	TV	OJU	233	388,475
P00128987-1	11/11/2014	4:54:00 PM	SHD-17	EBI	TV	OHR	299	557,936
P00131285-1	11/11/2014	4:54:20 PM	EDG-12	ECA	TV	OCO	0	158,039

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00132617-1	11/11/2014	4:54:34 PM	LMD-16	EBJ	TV	OTF	5	16,475
P00129053-1	11/11/2014	4:59:30 PM	VAS-13	EBL	UN	OCO	208	77,021
P00129052-1	11/11/2014	4:59:58 PM	CED-17	ECA	TV	OTF	5	355
P00129059-1	11/11/2014	5:02:00 PM	HOB-15	EBI	TV	OTF	2	4,520
P00129074-1	11/11/2014	5:04:00 PM	LTA-17	ECA	TV	OCO	124	45,303
P00129072-1	11/11/2014	5:07:00 PM	SPI-17	EBD	EF	USV	1	429
P00129071-1	11/11/2014	5:07:02 PM	MIR-15	EBF	EF	OSV	1	323
P00129073-1	11/11/2014	5:08:00 PM	LTA-17	ECA	TV	OPO	3	1,359
P00129155-1	11/11/2014	5:10:00 PM	BDI-13	EBI	TV	OCO	3	7,016
P00129158-1	11/11/2014	5:11:00 PM	LTA-17	ECA	UN	OFU	13	29,497
P00129576-1	11/11/2014	5:14:07 PM	VAS-23	EBL	TV	OCO	1,764	395,930
P00129166-1	11/11/2014	5:15:23 PM	MAN-16	ECD	TV	OSV	1	255
P00129170-1	11/11/2014	5:19:14 PM	SHD-17	EBI	TV	OTF	4	11,495
P00129174-1	11/11/2014	5:21:00 PM	DGR-15	ECA	EF	PTF	11	627
P00129193-1	11/11/2014	5:27:00 PM	LTA-17	ECA	TV	OTF	2	616
P00129520-1	11/11/2014	5:29:54 PM	BDI-15	EBI	TV	OHR	41	4,476
P00129344-1	11/11/2014	5:37:00 PM	PEA-15	EBJ	TV	OCO	2	229,039
P00131827-1	11/11/2014	5:37:24 PM	PEA-15	EBJ	EF	OHR	712	1,244,659
P00129328-1	11/11/2014	5:40:00 PM	WLK-15	ECA	TV	OTF	10	1,610
P00129334-1	11/11/2014	5:41:00 PM	WLK-15	ECA	EF	PTF	2	364
P00129332-1	11/11/2014	5:41:00 PM	WLK-13	ECA	TV	OTF	2	382
P00129336-1	11/11/2014	5:41:59 PM	FRA-12	ECD	TV	OCO	814	116,470
P00129359-1	11/11/2014	5:44:56 PM	PEA-17	EBJ	TV	OCO	1,761	2,846,608
P00129370-1	11/11/2014	5:50:30 PM	FRA-16	ECD	TV	OCO	9	1,197
P00129715-1	11/11/2014	5:59:11 PM	FRA-16	ECD	UN	OTR	1	144
P00129414-1	11/11/2014	6:01:08 PM	VAS-13	EBL	TV	OCO	11	4,457
P00129441-1	11/11/2014	6:04:00 PM	SWE-13	EBJ	TV	OFU	503	251,341
P00129440-1	11/11/2014	6:06:39 PM	FNW-17	ECD	EF	OTR	1	197
P00129449-1	11/11/2014	6:09:00 PM	DGR-15	ECA	TV	OCO	41	16,950
P00129452-1	11/11/2014	6:09:55 PM	VAS-12	EBL	UN	OSV	1	878
P00130222-1	11/11/2014	6:10:02 PM	STA-16	EBJ	TV	OCO	2,019	1,238,858
P00129459-1	11/11/2014	6:12:36 PM	LLT-16	EBD	TV	OTF	1	130
P00129495-1	11/11/2014	6:14:17 PM	SWE-27	EBJ	EF	UPT	78	26,621
P00129464-1	11/11/2014	6:14:31 PM	DGR-13	ECA	TV	OCO	4	1,892
P00129465-1	11/11/2014	6:15:00 PM	NNO-13	EBJ	TV	OHR	77	11,764
P00130319-1	11/11/2014	6:20:48 PM	HOB-15	EBI	TV	OCO	1,281	1,929,919
P00129531-1	11/11/2014	6:26:28 PM	BAS-13	EBJ	TV	OTF	3	2,867
P00129518-1	11/11/2014	6:27:20 PM	RDO-13	EBJ	TV	OCO	1,291	522,038
P00130741-1	11/11/2014	6:27:28 PM	PIP-23	EBI	TV	OFU	65	16,463
P00129542-1	11/11/2014	6:33:20 PM	BDI-15	EBI	TV	OFU	65	2,328
P00129754-1	11/11/2014	6:43:00 PM	OSC-22	EBI	TV	OCO	517	1,769,034
P00129560-1	11/11/2014	6:44:54 PM	DGR-13	ECA	TV	OTR	2	690
P00129564-1	11/11/2014	6:46:00 PM	SKY-23	EBD	TF	OFU	9	2,671
P00129661-1	11/11/2014	6:48:50 PM	LYO-15	EBJ	TV	OCO	1,206	137,806
P00129579-1	11/11/2014	6:50:04 PM	DUV-15	EBD	UN	OCO	5	918
P00129584-1	11/11/2014	6:51:12 PM	PIP-23	EBI	EF	PTF	3	2,933
P00129685-1	11/11/2014	6:57:56 PM	KNT-25	EBJ	TV	UTC	4	2,397
P00129668-1	11/11/2014	7:00:07 PM	FCR-12	EBI	TV	OFU	25	5,393

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00129677-1	11/11/2014	7:07:28 PM	SWE-27	EBJ	TV	OFU	60	54,632
P00129682-1	11/11/2014	7:10:00 PM	NBE-16	EBF	TV	OCO	166	44,322
P00129683-1	11/11/2014	7:12:03 PM	BUC-26	ECA	TV	OFU	10	4,458
P00129697-1	11/11/2014	7:20:00 PM	BUC-15	ECA	TV	OCO	1,100	155,100
P00131891-1	11/11/2014	7:22:00 PM	OSC-23	EBI	TV	OCO	8	21,014
P00132280-1	11/11/2014	7:23:13 PM	OSC-22	EBI	TV	OCO	114	321,095
P00130291-1	11/11/2014	7:25:02 PM	VAS-13	EBL	UN	OCO	26	4,414
P00129716-1	11/11/2014	7:33:41 PM	NBE-15	EBF	TV	OSV	1	87
P00130269-1	11/11/2014	7:36:30 PM	TLN-0042	ECA	TV	OCO	1,923	320,853
P00129795-1	11/11/2014	7:49:25 PM	PEA-15	EBJ	TV	OFU	91	134,654
P00129733-1	11/11/2014	7:50:07 PM	ELL-13	EBJ	TV	OCO	1,149	185,889
P00129736-1	11/11/2014	7:52:43 PM	LWS-13	EBJ	UN	OCO	1,073	119,997
P00131009-1	11/11/2014	7:57:05 PM	PIP-22	EBI	TV	OCO	1,824	1,578,490
P00129741-1	11/11/2014	7:58:00 PM	ING-16	EBD	EO	UTR	7	3,305
P00129742-1	11/11/2014	7:59:06 PM	STW-15	ECA	EF	OTF	6	431
P00129711-1	11/11/2014	8:03:00 PM	STA-16	EBJ	TV	OCO	133	367,787
P00129752-1	11/11/2014	8:05:38 PM	ELL-16	EBJ	TV	OCO	56	62,853
P00130901-1	11/11/2014	8:08:03 PM	ELL-16	EBJ	TV	OCO	267	377,792
P00129766-1	11/11/2014	8:11:44 PM	FCR-12	EBI	TV	OCO	5,011	536,041
P00129779-1	11/11/2014	8:22:20 PM	GWR-13	EBI	TV	OCO	489	462,423
P00129796-1	11/11/2014	8:37:00 PM	FRA-12	ECD	UN	OCO	4	1,164
P00129798-1	11/11/2014	8:37:00 PM	PIP-26	EBI	TF	OCO	339	907,899
P00129813-1	11/11/2014	8:51:05 PM	BDI-13	EBI	TV	OHR	414	18,582
P00129822-1	11/11/2014	8:53:03 PM	CAM-17	EBJ	TV	OCO	486	94,519
P00129951-1	11/11/2014	8:55:00 PM	TLN-0042	EBI	TV	OCO	640	500,808
P00130323-1	11/11/2014	8:57:17 PM	ENU-18	EBI	TV	OCO	1,405	180,729
P00129901-1	11/11/2014	8:58:34 PM	CAM-23	EBJ	TV	OCO	2,432	521,056
P00129917-1	11/11/2014	9:01:46 PM	VAS-23	EBL	TV	OCO	21	2,278
P00129950-1	11/11/2014	9:06:29 PM	FRA-12	ECD	TV	OCO	11	1,150
P00129956-1	11/11/2014	9:09:00 PM	TLN-0146	EBI	TV	OCO	1,336	5,567
P00130270-1	11/11/2014	9:09:02 PM	ELL-16	EBJ	TV	OFU	64	82,465
P00130025-1	11/11/2014	9:14:59 PM	TLN-0172	EBI	TV	OPO	568	345,194
P00130109-1	11/11/2014	9:16:28 PM	SEQ-01	EBJ	TV	OCO	1,720	3,715,531
P00130016-1	11/11/2014	9:17:00 PM	VAS-23	EBL	TV	OCO	4	461
P00130068-1	11/11/2014	9:17:24 PM	LEA-16	EBJ	TV	OCO	1,275	1,413,232
P00130021-1	11/11/2014	9:17:25 PM	LTA-18	ECA	EF	OSV	1	76
P00130141-1	11/11/2014	9:18:00 PM	TLN-0028	EBJ	TV	OCO	3,318	1,789,521
P00130125-1	11/11/2014	9:18:00 PM	TLN-0171	EBJ	OD	OCO	5,732	504,416
P00130092-1	11/11/2014	9:18:00 PM	TLN-0028	EBI	TV	OCO	1,070	410,472
P00130086-1	11/11/2014	9:19:09 PM	VAS-23	EBL	TV	OTR	2	10
P00130093-1	11/11/2014	9:19:22 PM	LEA-17	EBJ	EF	UTF	7	5,450
P00130180-1	11/11/2014	9:24:32 PM	MHT-13	EBJ	TV	OSV	1	825
P00130231-1	11/11/2014	9:33:50 PM	FWY-11	EBJ	TV	OFU	226	90,762
P00132275-1	11/11/2014	9:35:20 PM	OSC-22	EBI	TV	OFU	9	23,742
P00130238-1	11/11/2014	9:40:22 PM	PIP-26	EBI	TV	OTF	1	1,486
P00130243-1	11/11/2014	9:42:40 PM	KCR-17	EBJ	UN	OFU	4	6,140
P00130245-1	11/11/2014	9:43:53 PM	OSC-23	EBI	TV	OCO	228	1,486,147
P00129777-1	11/11/2014	9:46:24 PM	NBE-12	EBF	EF	OFC	8	437

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00130257-1	11/11/2014	9:51:06 PM	EDG-16	ECA	TV	OCO	403	388,804
P00130263-1	11/11/2014	9:54:27 PM	FAB-17	EAD	EF	OSV	21	2,100
P00130265-1	11/11/2014	9:55:08 PM	FNW-17	ECD	TV	OCO	29	24,635
P00130278-1	11/11/2014	10:01:56 PM	VAS-23	EBL	TV	OCO	9	1,750
P00130293-1	11/11/2014	10:04:30 PM	BDI-13	EBI	TV	OHR	182	44,207
P00131391-1	11/11/2014	10:05:33 PM	EDG-16	ECA	TV	OCO	36	39,205
P00130327-1	11/11/2014	10:07:00 PM	FCR-12	EBI	TV	OPO	947	582,161
P00130797-1	11/11/2014	10:11:20 PM	HOB-16	EBI	TV	OCO	11	24,696
P00131845-1	11/11/2014	10:15:56 PM	PIP-26	EBI	UN	OSV	1	2,212
P00130296-1	11/11/2014	10:16:36 PM	EDG-12	ECA	EF	UTC	1	16
P00130303-1	11/11/2014	10:20:16 PM	MHT-16	EBJ	TV	OCO	173	71,893
P00130304-1	11/11/2014	10:22:16 PM	VAS-23	EBL	UN	OTR	2	1,234
P00130307-1	11/11/2014	10:29:00 PM	KCR-17	EBJ	TV	OCO	7	8,887
P00130317-1	11/11/2014	10:35:53 PM	SUN-13	ECA	EF	PTF	9	496
P00130322-1	11/11/2014	10:39:38 PM	MST-25	EBJ	TV	OCO	2,235	3,431,372
P00130333-1	11/11/2014	10:56:00 PM	LYO-15	EBJ	TV	OCO	48	239,992
P00130335-1	11/11/2014	11:01:35 PM	ENU-15	EBI	TV	OCO	5,890	1,014,981
P00130340-1	11/11/2014	11:06:38 PM	HAN-16	EAA	TV	OCO	213	41,452
P00130341-1	11/11/2014	11:06:56 PM	CUM-13	EBI	TV	OCO	991	997,215
P00130360-1	11/11/2014	11:08:00 PM	TLN-0159	EBH	EF	OCO	1,209	66,072
P00130343-1	11/11/2014	11:08:46 PM	FWD-17	EBJ	TV	OCO	1,515	424,605
P00130382-1	11/11/2014	11:10:00 PM	ORC-13	EBJ	TV	OCO	1,311	926,393
P00130365-1	11/11/2014	11:12:42 PM	TLN-0159	EBF	TV	OCO	855	1,155,804
P00130366-1	11/11/2014	11:16:56 PM	LEA-13	EBJ	TV	OCO	2,926	4,273,018
P00130372-1	11/11/2014	11:23:00 PM	PAN-15	EBJ	TV	OSV	4	13,168
P00130445-1	11/11/2014	11:24:27 PM	VAS-23	EBL	UN	OCO	459	80,116
P00130386-1	11/11/2014	11:32:38 PM	SEQ-22	EBJ	TV	OCO	2,668	2,110,127
P00130388-1	11/11/2014	11:33:48 PM	SEQ-13	EBJ	TV	OCO	1,636	1,297,049
P00130403-1	11/11/2014	11:42:24 PM	LWS-13	EBJ	TV	OCO	1,064	364,083
P00130406-1	11/11/2014	11:45:00 PM	SKY-25	EBD	TV	OCO	36	5,071
P00130408-1	11/11/2014	11:47:49 PM	SOO-23	EBI	TV	OCO	1,628	1,947,148
P00130418-1	11/11/2014	11:52:00 PM	VAS-12	EBL	UN	OCO	229	64,897
P00130420-1	11/11/2014	11:54:09 PM	SWE-13	EBJ	EF	UEL	178	318,076

Terms, Codes and Definitions Used on Detail Reports

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

Media & Communication Coverage



Windy and cold...then a chance of snow far south
National Weather Service, Seattle WA

Hello,

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

SYNOPSIS:

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

HEADLINES:

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

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

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

FORECAST SPECIFICS:

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

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

CONFIDENCE:

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

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

Current National Weather Service Forecast

EAST PUGET SOUND LOWLANDS-
INCLUDING THE CITIES OF...GOLD BAR...ENUMCLAW...NORTH BEND...BUCKLEY
203 PM PST MON NOV 10 2014

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

THE NATIONAL WEATHER SERVICE IN SEATTLE HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM 6 AM TUESDAY TO 4 PM PST
WEDNESDAY.

- * SOME AFFECTED LOCATIONS...NORTH BEND...ENUMCLAW...BLACK
DIAMOND...GOLD BAR.
- * TIMING...STRONG EAST GAP WINDS WILL INCREASE TUESDAY MORNING AND
PERSIST THROUGH WEDNESDAY AFTERNOON.
- * WIND...EAST WIND 20 TO 35 MPH WITH GUSTS TO 50 MPH. HIGHEST
WINDS BELOW THE CASCADE GAPS.
- * IMPACTS...WINDS THIS STRONG CAN SNAP SMALL TREE
BRANCHES...TOPPLE SMALL OR SHALLOW ROOTED TREES...AND CAUSE
LOCAL POWER OUTAGES.

A WIND ADVISORY IS ISSUED WHEN SUSTAINED WINDS OF 30 TO 39 MPH
AND/OR GUSTS OF 45 TO 57 MPH ARE LIKELY.

**SAN JUAN COUNTY-WESTERN WHATCOM COUNTY-
INCLUDING THE CITIES OF...FRIDAY HARBOR...BELLINGHAM...BLAINE...
LYNDEN**

203 PM PST MON NOV 10 2014

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

THE NATIONAL WEATHER SERVICE IN SEATTLE HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM 6 PM THIS EVENING TO 1 PM PST
TUESDAY.

- * SOME AFFECTED LOCATIONS...BELLINGHAM...FERNDAL...LUMMI
ISLAND...SAN JUAN ISLANDS.
- * TIMING...GUSTY FRASER RIVER OUTFLOW WINDS WILL INCREASE TONIGHT
AND PERSIST THROUGH TUESDAY MORNING.
- * WIND...NORTHEAST WIND 20 TO 35 MPH WITH GUSTS TO 45 MPH.
- * IMPACTS...WINDS THIS STRONG CAN SNAP SMALL TREE
BRANCHES...TOPPLE SMALL OR SHALLOW ROOTED TREES...AND CAUSE
LOCAL POWER OUTAGES.

A WIND ADVISORY IS ISSUED WHEN SUSTAINED WINDS OF 30 TO 39 MPH
AND/OR GUSTS OF 45 TO 57 MPH ARE LIKELY.



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

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

[About 12,000 still without power in Western Washington](#)

By Hana Kim and Adam Mertz

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

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

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

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

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

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

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

