



2015
Qualifying Events Report
November 24, 2015 Event

Filed on February 16, 2016

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Event Description

Event Date and Time

Start: November 24, 2015, 11:00

End: November 26, 2015, 22:00

Event Type

Wind

Service Areas Significantly Affected

Kitsap County and Vashon Island

Number of Customers Affected

System wide, approximately 103,703 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages	226
Transmission Lines Affected	0
Substations Offline	7

Mobilization Summary

Operating Bases Placed In Emergency Status

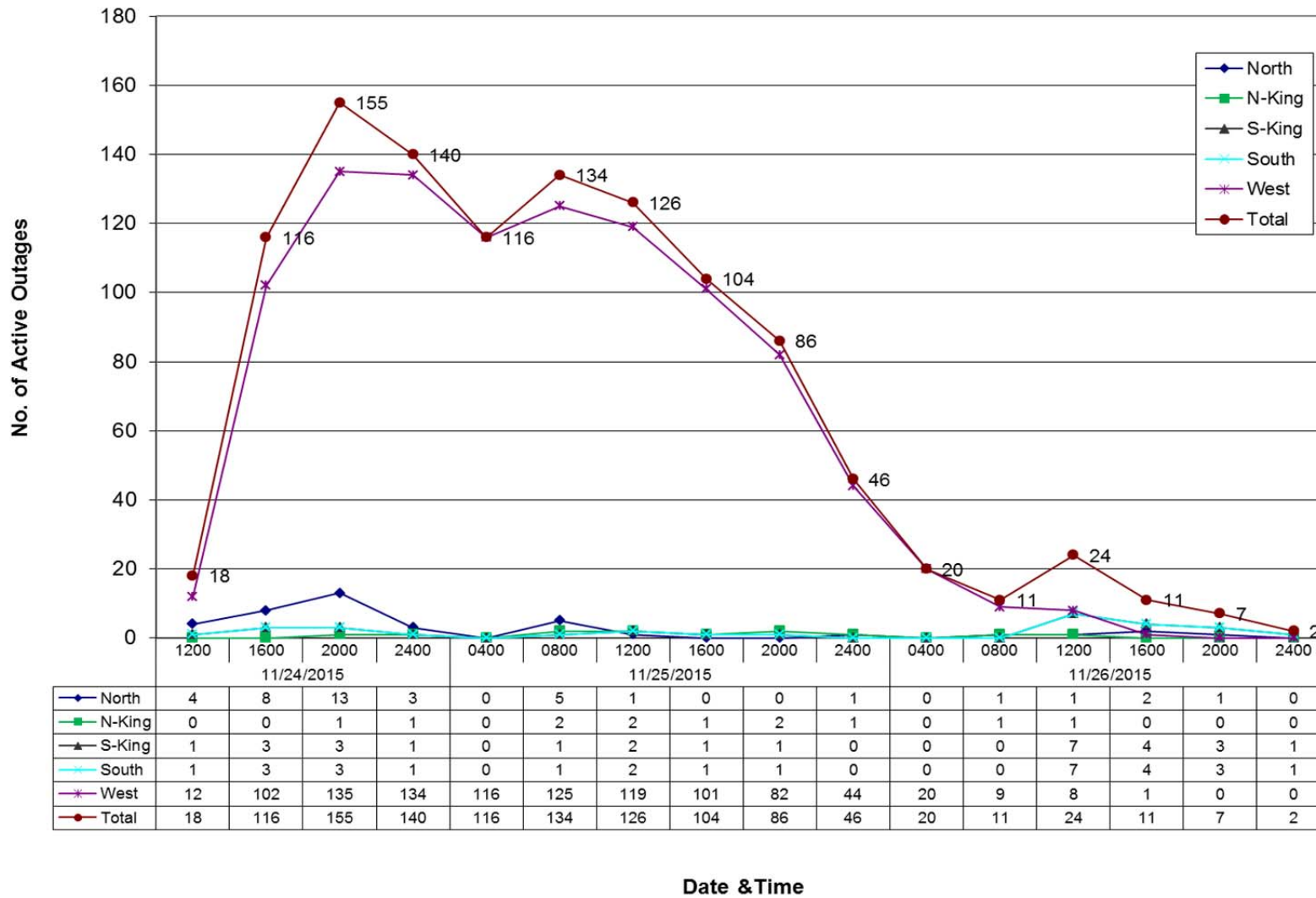
Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom/Skagit/Island	n/a	n/a	n/a	n/a
North King	n/a	n/a	n/a	n/a
South King	n/a	n/a	n/a	n/a
Pierce	n/a	n/a	n/a	n/a
Thurston	n/a	n/a	n/a	n/a
Kitsap	11-24-2015	14:00	11-26-2015	12:00
Vashon	11-24-2015	14:00	11-26-2015	12:00
Kittitas	n/a	n/a	n/a	n/a

Emergency Coordination Center (ECC)

ECC	Date Opened	Time Opened	Date Closed	Time Closed
	n/a	n/a	n/a	n/a

Active Outage Event Chart

Number of Active Outages - 11 a.m. Nov. 24, 2015 to 10 p.m. Nov. 26, 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)
11-24-2015, 19:00 to 11-26-015, 22:00	51,132,092	1,117,148	45.8

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	\$-
11-24-2015	43.6	\$-

¹ IEEE: Institute of Electrical and Electronics Engineers

² SAIDI: System Average Interruption Duration Index

³ O&M: Operations and Maintenance

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	\$933,263	\$1,006,272	\$5,988,827	\$12,509,250	\$13,442,514
10-10-2015	\$798,115	\$40,449	\$121,231	\$-	\$121,231	\$959,794
11-17-2015	\$8,765,969	\$545,182	\$792,538	\$-	\$792,538	\$10,103,689
11-24-2015	\$1,853,331	\$14,517	\$148,195	\$-	\$148,195	\$2,016,044

(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
\$16,931,565	\$1,788,868	\$2,228,076	\$8,000,000	\$27,159,641	\$28,948,509

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 24, 2015 - Restoration Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
ST		\$ 415	\$ -	\$ 75,914	\$ 75,914	\$ 76,329
OT		\$ 1,800	\$ -	\$ 253,388	\$ 253,388	\$ 255,188
Total Labor	\$ -	\$ 2,216	\$ -	\$ 329,302	\$ 329,302	\$ 331,518
Labor OH		\$ 1,386	\$ (138,929)	\$ 325,252	\$ 186,323	\$ 187,709
Materials		\$ 8,875	\$ -	\$ 57,413	\$ 57,413	\$ 66,287
Contractors		\$ 67	\$ -	\$ 1,358,610	\$ 1,358,610	\$ 1,358,677
Other Direct Charges		\$ -	\$ -	\$ 18,637	\$ 18,637	\$ 18,637
Fleet		\$ 320	\$ -	\$ 26,139	\$ 26,139	\$ 26,459
Other Assessments		\$ 1,653	\$ 287,125	\$ (262,022)	\$ 25,103	\$ 26,756
Deferred Expenses	\$ 1,853,331	\$ -	\$ -	\$ (1,853,331)	\$ (1,853,331)	\$ -
	\$ 1,853,331	\$ 14,517	\$ 148,195	\$ -	\$ 148,195	\$ 2,016,044

**Detailed List of Outages - First T_{MED}-Exceeding Day
November 24, 2015**

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00241429-1	11/24/2015	11:00:00 AM	BAK-01	EAA	TV	SCB	3,177	262,942
P00241409-1	11/24/2015	11:03:57 AM	KEN-13	EAA	TV	OCO	257	86,271
P00241710-1	11/24/2015	11:05:33 AM	KEN-13	EAA	TV	OCO	142	70,579
P00242857-1	11/24/2015	11:12:07 AM	TRA-25	ECE	TV	OCO	437	229,439
P00241485-1	11/24/2015	11:14:00 AM	TLN-0063	ECE	TV	OCO	4,767	379,372
P00241450-1	11/24/2015	11:15:00 AM	SLA-15	EAA	TV	OCO	13	5,159
P00242505-1	11/24/2015	11:15:00 AM	KIN-24	ECE	TV	OCO	1,555	1,532,064
P00241484-1	11/24/2015	11:18:52 AM	PRI-23	ECC	DU	USV	1	181
P00241486-1	11/24/2015	11:19:58 AM	MKI-16	ECC	EF	USV	1	116
P00241704-1	11/24/2015	11:20:34 AM	SIL-16	ECE	TV	OCO	-	350,619
P00241531-1	11/24/2015	11:46:00 AM	BHL-13	ECE	TV	OCO	23	39,655
P00241615-1	11/24/2015	11:47:13 AM	SHE-26	ECE	TV	OCO	36	54,944
P00241512-1	11/24/2015	11:48:30 AM	BEL-15	EBJ	SO	DNO	1	193
P00241645-1	11/24/2015	11:51:00 AM	TLN-0109	ECE	TV	OCO	5,058	199,624
P00242223-1	11/24/2015	11:51:00 AM	MIL-17	ECE	TV	OCO	1,738	2,385,233
P00242223-3	11/24/2015	11:51:00 AM	MIL-17	ECE	TV	OCO	1,738	2,386,311
P00243946-1	11/24/2015	11:56:00 AM	PMA-12	ECE	TV	OCO	799	1,508,650
P00242123-1	11/24/2015	11:56:33 AM	PMA-12	ECE	TV	OCO	10	5,052
P00244549-1	11/24/2015	11:56:33 AM	PMA-12	ECE	TV	OCO	38	26,406
P00241587-1	11/24/2015	11:58:00 AM	WLK-15	ECA	TV	OCO	13	4,820
P00241488-1	11/24/2015	12:00:31 PM	RPT-26	ECD	OD	OSV	4	182
P00241683-1	11/24/2015	12:00:39 PM	MIL-17	ECE	TV	OCO	-	255,121
P00241790-1	11/24/2015	12:02:56 PM	PMA-16	ECE	TV	OCO	774	666,313
P00241603-1	11/24/2015	12:04:00 PM	FRA-12	ECD	TV	OCO	16	4,611

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00242617-1	11/24/2015	12:11:14 PM	CEK-14	ECE	TV	OCO	740	424,649
P00241639-1	11/24/2015	12:12:00 PM	SKE-23	ECE	TV	OCO	439	22,294
P00241629-1	11/24/2015	12:12:21 PM	CEK-14	ECE	TV	OCO	740	100,122
P00242370-1	11/24/2015	12:17:23 PM	MCW-15	ECE	TV	OCO	563	629,453
P00243684-1	11/24/2015	12:17:53 PM	TLN-0283	ECE	TV	OCO	4,244	4,080,627
P00241653-1	11/24/2015	12:21:00 PM	MAN-15	ECD	TV	OCO	44	56,987
P00243112-1	11/24/2015	12:23:49 PM	SKE-26	ECE	TV	OCO	687	822,506
P00243710-1	11/24/2015	12:25:00 PM	LOL-23	ECD	TV	OCO	1,080	845,246
P00241691-1	11/24/2015	12:30:39 PM	POU-15	ECE	TV	OCO	737	715,517
P00241684-1	11/24/2015	12:31:15 PM	SIN-25	ECD	TV	OCO	779	30,745
P00242328-1	11/24/2015	12:34:45 PM	TLN-0063	ECE	TV	OCO	729	253,978
P00242260-1	11/24/2015	12:35:00 PM	POU-13	ECE	TV	OCO	15	29,471
P00241706-1	11/24/2015	12:40:00 PM	SIL-13	ECE	TV	OCO	267	155,921
P00241713-1	11/24/2015	12:42:00 PM	SWD-12	ECE	TV	OCO	193	105,456
P00241774-1	11/24/2015	12:42:00 PM	POU-16	ECE	TV	OCO	23	32,267
P00243855-1	11/24/2015	12:42:00 PM	SWD-12	ECE	TV	OCO	520	615,389
P00241718-1	11/24/2015	12:43:00 PM	SWD-13	ECE	TV	OCO	7	3,206
P00241720-1	11/24/2015	12:43:00 PM	FLD-15	EAD	EF	OTR	1	308
P00241730-1	11/24/2015	12:45:00 PM	SIL-15	ECE	TV	OCO	1,410	607,214
P00242836-1	11/24/2015	12:55:00 PM	LOL-21	ECD	TV	OCO	5,090	1,987,682
P00241755-1	11/24/2015	12:55:55 PM	BRW-15	EAC	TV	OFU	3	1,606
P00241758-1	11/24/2015	12:56:11 PM	RPT-17	ECD	TV	OCO	88	107,463
P00242361-1	11/24/2015	12:57:02 PM	SWD-12	ECE	TV	OCO	2	4,899
P00243184-1	11/24/2015	12:57:31 PM	TLN-0089	ECE	TV	OCO	2,755	1,898,414
P00243761-1	11/24/2015	12:58:13 PM	EPO-13	ECD	TV	OCO	1,423	1,309,966

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00243919-1	11/24/2015	12:58:13 PM	EPO-13	ECD	TV	OCO	16	23,457
P00242654-1	11/24/2015	12:58:28 PM	PGA-12	ECE	TV	OCO	850	776,801
P00241674-1	11/24/2015	12:59:11 PM	LWS-13	EBJ	SO	DNO	1	66
P00241821-1	11/24/2015	1:00:00 PM	PMA-15	ECE	TV	OCO	1,265	1,190,219
P00243901-1	11/24/2015	1:03:00 PM	MIL-16	ECE	TV	OTR	10	5,128
P00241862-1	11/24/2015	1:04:00 PM	TLN-0075	ECD	TV	OCO	-	122,240
P00242192-1	11/24/2015	1:12:53 PM	MIL-22	ECE	TV	OCO	679	571,978
P00241887-1	11/24/2015	1:13:00 PM	HAP-13	EAA	TV	OCO	22	6,597
P00242410-1	11/24/2015	1:14:00 PM	SKE-23	ECE	TV	OCO	111	68,807
P00230617-1	11/24/2015	1:15:13 PM	KIN-21	ECE	SO	UPC	6	495
P00241882-1	11/24/2015	1:15:36 PM	BRW-13	EAC	TV	OHR	1,490	93,292
P00241894-1	11/24/2015	1:16:00 PM	RPT-16	ECD	TV	OCO	11	17,896
P00241970-1	11/24/2015	1:16:44 PM	SIN-25	ECD	TV	OCO	481	16,282
P00241929-1	11/24/2015	1:17:00 PM	POU-15	ECE	TV	OCO	201	270,058
P00243953-1	11/24/2015	1:18:56 PM	PMA-13	ECE	TV	OCO	12	10,297
P00241942-1	11/24/2015	1:18:59 PM	SIL-17	ECE	TV	OCO	851	127,726
P00243910-1	11/24/2015	1:20:09 PM	PMA-16	ECE	TV	OCO	62	72,511
P00242018-1	11/24/2015	1:26:05 PM	CHI-16	ECD	TV	OCO	5,982	5,136,534
P00243609-1	11/24/2015	1:27:35 PM	SIL-15	ECE	TV	OCO	-	195,146
P00242037-1	11/24/2015	1:31:45 PM	SWD-13	ECE	TV	OCN	379	143,016
P00243676-1	11/24/2015	1:32:44 PM	TRA-23	ECE	TV	OCO	40	75,490
P00243684-2	11/24/2015	1:32:45 PM	TLN-0283	ECE	TV	OCO	-	2,176
P00244054-1	11/24/2015	1:32:45 PM	WIN-12	ECE	TV	OCO	-	127,237
P00244193-1	11/24/2015	1:33:40 PM	WIN-12	ECE	TV	OCO	38	54,945
P00243748-1	11/24/2015	1:43:00 PM	FNW-16	ECD	TV	OCO	553	614,230

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00242075-1	11/24/2015	1:47:02 PM	EPO-12	ECD	TV	OCO	1,469	114,387
P00241166-2	11/24/2015	1:47:23 PM	PGA-13	ECE	TV	OSV	3	5,927
P00242079-1	11/24/2015	1:50:35 PM	SHE-26	ECE	TV	OTF	4	7,125
P00242115-1	11/24/2015	1:51:42 PM	LOL-21	ECD	TV	OCO	568	37,251
P00242113-1	11/24/2015	1:55:00 PM	FRA-15	ECD	TV	OCO	55	78,866
P00242126-1	11/24/2015	1:57:48 PM	HAN-15	EAA	TV	SCB	1,930	87,782
P00243744-1	11/24/2015	1:58:16 PM	PMA-12	ECE	TV	OCO	30	30,033
P00242138-1	11/24/2015	2:03:00 PM	SWD-11	ECE	TV	OCO	2,499	623,088
P00242141-1	11/24/2015	2:03:00 PM	SWD-14	ECE	TV	OCO	424	89,422
P00242236-1	11/24/2015	2:03:03 PM	KIN-22	ECE	TV	OCO	12	10,912
P00244553-1	11/24/2015	2:08:02 PM	PMA-12	ECE	TV	OCO	35	58,138
P00242156-1	11/24/2015	2:10:30 PM	FRA-15	ECD	TV	OCO	21	23,032
P00243974-1	11/24/2015	2:10:40 PM	SKE-26	ECE	TV	OCO	41	71,030
P00243931-1	11/24/2015	2:10:57 PM	MUR-13	ECE	TV	OCO	30	42,463
P00242173-1	11/24/2015	2:12:39 PM	MAN-13	ECD	TV	OCO	16	7,839
P00242207-1	11/24/2015	2:21:45 PM	BHL-12	ECE	TV	OCO	19	6,761
P00242247-1	11/24/2015	2:22:00 PM	BHL-12	ECE	TV	OCO	105	37,279
P00242299-1	11/24/2015	2:25:00 PM	BRW-16	EAC	TV	OCO	12	2,620
P00242369-1	11/24/2015	2:25:00 PM	SIN-25	ECD	TV	OCO	1,353	430,939
P00243802-1	11/24/2015	2:26:00 PM	PMA-13	ECE	TV	OCO	101	109,056
P00242982-1	11/24/2015	2:27:33 PM	PMA-13	ECE	TV	OCO	755	368,169
P00242252-1	11/24/2015	2:32:00 PM	POU-13	ECE	TV	OCO	16	26,119
P00242266-1	11/24/2015	2:35:00 PM	SHE-16	ECE	TV	OCO	811	216,390
P00242264-1	11/24/2015	2:37:00 PM	MAN-12	ECD	TV	OCO	113	204,315
P00243837-1	11/24/2015	2:39:06 PM	FRA-16	ECD	TV	OCO	510	490,105
P00242560-1	11/24/2015	2:39:21 PM	FNW-16	ECD	TV	OCO	1,195	154,355

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00242290-1	11/24/2015	2:44:00 PM	RPT-23	ECD	TV	OCO	9	19,254
P00243191-1	11/24/2015	2:47:00 PM	FNW-17	ECD	TV	OCO	2,437	681,355
P00242319-1	11/24/2015	2:49:07 PM	LUH-14	ECC	EF	OSV	2	623
P00243990-1	11/24/2015	2:58:29 PM	WIN-13	ECE	TV	OCO	-	58,472
P00242413-1	11/24/2015	3:07:00 PM	TRA-22	ECE	TV	OCO	1,624	1,636,926
P00242401-1	11/24/2015	3:12:50 PM	ASB-13	EBJ	TV	OCO	84	25,813
P00242408-1	11/24/2015	3:14:05 PM	MUR-17	ECE	TV	OCO	1,680	619,613
P00242415-1	11/24/2015	3:16:00 PM	RPT-17	ECD	TV	OSV	1	2,310
P00243853-1	11/24/2015	3:25:00 PM	MIL-23	ECE	TV	OCO	-	49,332
P00243995-1	11/24/2015	3:26:00 PM	PGA-13	ECE	TV	OCO	8	11,895
P00242812-1	11/24/2015	3:27:00 PM	MIL-23	ECE	TV	OCO	310	196,390
P00242480-1	11/24/2015	3:28:06 PM	KIN-23	ECE	TV	OCO	160	61,109
P00242457-1	11/24/2015	3:28:11 PM	BRE-11	ECD	TV	OCO	40	50,018
P00242469-1	11/24/2015	3:29:18 PM	SIN-24	ECD	TV	OCO	28	12,934
P00242475-1	11/24/2015	3:29:47 PM	SIN-24	ECD	TV	OCO	44	20,448
P00242786-1	11/24/2015	3:30:00 PM	KIN-21	ECE	TV	OCO	130	147,212
P00243925-1	11/24/2015	3:30:59 PM	MIL-23	ECE	TV	OCO	6	6,233
P00242512-1	11/24/2015	3:31:46 PM	MHT-15	EBJ	TF	SCB	1,618	120,973
P00242515-1	11/24/2015	3:33:00 PM	TRA-23	ECE	TV	OTR	2	2,075
11213398	11/24/2015	3:35:56 PM	FWD-16	EBJ	EF	USV	1	173
P00242532-1	11/24/2015	3:38:37 PM	MIL-23	ECE	TV	OCO	2	659
P00244362-1	11/24/2015	3:39:00 PM	CHR-22	ECE	EF	OFU	11	20,847
P00242611-1	11/24/2015	3:40:29 PM	POU-15	ECE	TV	OCO	67	72,998
P00244022-1	11/24/2015	3:44:36 PM	EPO-15	ECD	TV	OTF	6	5,334
P00242606-1	11/24/2015	3:48:31 PM	SUM-21	EAC	TV	OTF	3	580

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00243167-1	11/24/2015	3:50:00 PM	TLN-0089	ECE	TV	OCO	1,736	80,464
P00243175-1	11/24/2015	3:50:00 PM	TLN-0089	ECE	TV	OCO	109	3,172
P00243176-1	11/24/2015	3:50:00 PM	TLN-0283	ECE	TV	OCO	2,603	124,249
P00243183-1	11/24/2015	3:50:00 PM	TLN-0136	ECE	TV	OCO	498	10,740
P00243189-1	11/24/2015	3:50:00 PM	TLN-0089	ECE	TV	OCO	1,030	36,290
P00242681-1	11/24/2015	3:53:00 PM	SKE-22	ECE	TV	OCO	13	15,816
P00244018-1	11/24/2015	3:53:39 PM	CHR-23	ECE	TV	OCO	143	128,788
P00242854-1	11/24/2015	3:56:23 PM	SME-13	EBE	TV	OCO	133	10,746
P00243067-1	11/24/2015	3:58:19 PM	VAS-12	EBL	TV	OCO	38	13,363
P00243008-1	11/24/2015	3:59:00 PM	SKE-22	ECE	TV	OCO	77	50,956
P00242990-1	11/24/2015	4:01:00 PM	FNW-15	ECD	TV	OCO	6	10,698
P00244010-1	11/24/2015	4:08:00 PM	CHR-23	ECE	TV	OCO	1	1,776
P00243088-1	11/24/2015	4:08:55 PM	SIN-24	ECD	TV	OCO	3,522	439,047
P00243118-1	11/24/2015	4:11:25 PM	SKE-22	ECE	TV	OTF	4	7,137
P00243126-1	11/24/2015	4:12:00 PM	RPT-15	ECD	TV	OCO	2	4,199
P00243955-1	11/24/2015	4:12:58 PM	PMA-15	ECE	TV	OCO	66	26,000
P00243955-3	11/24/2015	4:12:58 PM	PMA-15	ECE	TV	OCO	66	26,000
P00243858-1	11/24/2015	4:13:00 PM	VAS-12	EBL	TV	OCO	171	95,045
P00243166-1	11/24/2015	4:20:33 PM	HAP-16	EAA	TV	OTF	1	97
P00242575-1	11/24/2015	4:22:48 PM	EPO-15	ECD	TV	OTF	3	2,549
P00243185-1	11/24/2015	4:25:00 PM	LAT-13	EBJ	TV	OCO	14	6,517
P00243190-1	11/24/2015	4:27:00 PM	FRA-16	ECD	TV	OCO	53	54,988
P00243206-1	11/24/2015	4:33:00 PM	SIN-23	ECD	TV	OSV	1	2,033
P00243298-1	11/24/2015	4:33:00 PM	VAS-13	EBL	TV	OCO	31	22,027
P00243211-1	11/24/2015	4:35:00 PM	MAN-15	ECD	TV	OTF	8	15,157
P00244361-1	11/24/2015	4:41:43 PM	CHR-22	ECE	TV	OCO	-	158,142

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00243246-1	11/24/2015	4:46:00 PM	VAS-23	EBL	TV	OCO	107	53,507
P00243248-1	11/24/2015	4:47:11 PM	CHR-22	ECE	TV	OCO	57	78,659
P00243276-1	11/24/2015	4:58:00 PM	MAN-13	ECD	TV	OCO	1,010	228,126
P00243260-1	11/24/2015	4:59:21 PM	BRE-14	ECD	TV	OTF	9	13,092
P00243283-1	11/24/2015	5:00:27 PM	SHE-26	ECE	TV	OCO	145	162,777
P00243269-1	11/24/2015	5:01:00 PM	SIL-13	ECE	TV	OCO	7	8,678
P00243268-1	11/24/2015	5:01:09 PM	RPT-26	ECD	TV	OTF	4	6,196
P00243299-1	11/24/2015	5:07:28 PM	CHI-13	ECD	TV	OCO	9	11,270
P00243314-1	11/24/2015	5:11:44 PM	HAP-13	EAA	TV	OTF	3	318
P00243317-1	11/24/2015	5:13:00 PM	CHI-13	ECD	TV	OCO	16	31,778
P00243330-1	11/24/2015	5:14:00 PM	SIN-25	ECD	TV	OCO	574	35,416
P00243558-1	11/24/2015	5:14:12 PM	FNW-16	ECD	TV	OCO	1,195	163,297
P00243327-1	11/24/2015	5:18:00 PM	SKE-22	ECE	TV	OCO	34	30,278
P00243362-1	11/24/2015	5:46:54 PM	CLV-16	EAD	TV	OFU	378	30,876
P00243937-1	11/24/2015	5:49:00 PM	WIN-13	ECE	TV	OCO	26	33,418
P00243375-1	11/24/2015	5:56:37 PM	BRI-17	EAA	TV	OHR	530	36,809
P00243394-1	11/24/2015	6:02:00 PM	SIL-16	ECE	TV	OCO	71	87,870
P00243404-1	11/24/2015	6:04:00 PM	STA-13	EBJ	UN	UTR	5	1,764
P00243425-1	11/24/2015	6:13:00 PM	BRE-21	ECD	TV	OSV	38	4,642
P00243427-1	11/24/2015	6:14:00 PM	FRA-12	ECD	TV	OCO	40	47,163
P00243428-1	11/24/2015	6:14:34 PM	FNW-17	ECD	TV	OCO	10	22,620
P00243431-1	11/24/2015	6:17:33 PM	BRW-15	EAC	TV	OPO	1	188
P00243442-1	11/24/2015	6:21:33 PM	BHL-15	ECE	TV	OCO	124	48,952
P00244162-1	11/24/2015	6:26:13 PM	EPO-15	ECD	TV	OCO	1	1,535
P00243458-1	11/24/2015	6:28:00 PM	FNW-13	ECD	TV	OCO	123	126,563

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00243455-1	11/24/2015	6:28:54 PM	KEN-12	EAA	OD	OTF	1	83
P00243489-1	11/24/2015	6:29:50 PM	WIN-13	ECE	TV	OCO	444	483,635
P00243479-1	11/24/2015	6:31:00 PM	EPO-16	ECD	TV	OCO	20	27,036
P00243544-1	11/24/2015	6:37:45 PM	SUM-21	EAC	TV	OFU	32	4,596
P00244017-1	11/24/2015	6:38:00 PM	CHR-23	ECE	TV	OCO	3	3,618
P00243560-1	11/24/2015	6:40:03 PM	HAN-15	EAA	EF	OFC	1	112
P00243857-1	11/24/2015	6:40:19 PM	VAS-12	EBL	TV	OCO	37	19,495
P00243593-1	11/24/2015	6:42:49 PM	HAP-16	EAA	EF	OTF	2	213
P00243599-1	11/24/2015	6:44:15 PM	BRW-16	EAC	TV	OSV	3	470
P00244512-1	11/24/2015	6:46:08 PM	CHR-22	ECE	TV	OCO	41	51,629
P00243611-1	11/24/2015	6:50:13 PM	SIL-16	ECE	TV	OCO	8	6,431
P00243630-1	11/24/2015	6:56:19 PM	VIS-22	EAA	EF	OTF	7	1,127
P00243660-1	11/24/2015	6:59:00 PM	RPT-23	ECD	TV	OCO	168	99,817
P00243647-1	11/24/2015	7:03:59 PM	BRW-16	EAC	TV	UTC	7	941
P00243652-1	11/24/2015	7:04:00 PM	LUH-14	ECC	TV	OCO	61	29,451
P00243651-1	11/24/2015	7:05:00 PM	BRW-16	EAC	TV	OCO	411	214,590
P00243659-1	11/24/2015	7:12:25 PM	BHS-13	EAA	EF	USV	1	249
P00243671-1	11/24/2015	7:20:39 PM	POU-13	ECE	TV	OCO	23	23,813
P00243678-1	11/24/2015	7:25:54 PM	SUM-21	EAC	TV	OSV	1	215
P00243679-1	11/24/2015	7:26:00 PM	PLG-16	ECC	TV	OSV	25	7,590
P00243681-1	11/24/2015	7:26:45 PM	FNW-17	ECD	TV	OTF	4	7,201
P00243698-1	11/24/2015	7:27:00 PM	SIL-15	ECE	TV	OCO	360	698,157
P00243683-1	11/24/2015	7:27:15 PM	VIS-23	EAA	EF	OTF	2	232
P00243689-1	11/24/2015	7:32:00 PM	SWD-14	ECE	TV	OSV	38	4,164
P00241502-2	11/24/2015	7:45:40 PM	NRU-27	EBE	EF	UPT	22	5,084
P00243708-1	11/24/2015	7:47:00 PM	MOT-15	ECC	EF	OCO	27	15,869

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00244172-1	11/24/2015	7:58:00 PM	SIN-22	ECD	TV	OCO	7	8,693
P00243753-1	11/24/2015	7:58:12 PM	TRA-25	ECE	TV	OCO	81	79,080
P00243779-1	11/24/2015	8:09:00 PM	LAU-14	EAA	UN	OSV	3	188
P00243784-1	11/24/2015	8:15:00 PM	SWD-14	ECE	TV	OIN	1	996
P00243786-1	11/24/2015	8:18:14 PM	CPV-13	EAD	TV	OCO	51	13,047
P00244108-1	11/24/2015	8:25:27 PM	SIL-15	ECE	TV	OCO	-	1,019,427
P00243800-1	11/24/2015	8:35:27 PM	PMA-13	ECE	TV	OIN	-	1,142
P00244219-1	11/24/2015	8:39:21 PM	FNW-16	ECD	TV	OCO	7	9,651
P00243810-1	11/24/2015	8:50:43 PM	CLV-16	EAD	TV	OFU	20	461
P00243811-1	11/24/2015	8:54:28 PM	BHL-15	ECE	TV	OCO	128	23,921
P00243815-1	11/24/2015	9:00:00 PM	LGY-16	EAD	TV	OCO	3	950
P00243817-1	11/24/2015	9:02:28 PM	TAN-16	ECC	TV	OFU	1	101
P00243933-1	11/24/2015	9:28:48 PM	SIL-15	ECE	TV	OCO	340	92,389
P00243880-1	11/24/2015	9:34:58 PM	SHE-16	ECE	TV	OCO	165	129,992
P00243877-1	11/24/2015	9:58:37 PM	CEK-14	ECE	TV	OCO	740	627,520
P00243890-1	11/24/2015	10:15:00 PM	SIN-23	ECD	TV	OCO	1	1,464
P00242413-2	11/24/2015	10:30:42 PM	TRA-22	ECE	TV	OCO	-	5,640
P00243924-1	11/24/2015	10:33:47 PM	KIN-22	ECE	TV	OCO	16	6,288
P00243949-1	11/24/2015	10:37:31 PM	PMA-13	ECE	TV	OCN	164	132,050
P00243442-2	11/24/2015	10:44:08 PM	BHL-15	ECE	TV	OCO	-	23,394
P00243920-1	11/24/2015	11:06:20 PM	VAS-13	EBL	TV	OCO	9	2,098
P00243903-1	11/24/2015	11:19:00 PM	FRA-13	ECD	TV	OCO	105	51,758
P00243913-1	11/24/2015	11:41:02 PM	MOT-14	ECC	UN	OTF	2	99
P00243915-1	11/24/2015	11:50:49 PM	MUR-13	ECE	TV	OCO	11	8,432

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



Contributed photo / Kurt Schnuit
By Kitsap Sun Staff
Nov. 24, 2015

BREMERTON — The second destructive wind storm in a week swept through Kitsap County on Tuesday, leaving thousands of people without electricity.

Kitsap County was the hardest-hit area of Western Washington.

Reported wind speeds were not especially high — gusts of 45-50 mph, sustained winds of 20-30 mph — but they packed a punch. As of 5 p.m., about 35,000 Puget Sound Energy customers in Kitsap were without power.

Trees are used to them coming from the south, according to National Weather Service meteorologist Jay Neher, and these were out of the northeast.

The National Weather Service in Seattle issued a wind advisory for the Kitsap Peninsula that remains in effect through 6 a.m. Wednesday.

In addition to pulling down power lines, fallen trees caused major headaches for drivers. Dozens of roads were blocked by windblown trees or branches, particularly in North Kitsap and Bainbridge Island.

One van was crushed by a big fir tree around 2 p.m. on Highway 305 near the Suquamish Clearwater Casino Resort. There were no injuries, although the highway was down to one lane before the van could be towed, Washington State Patrol Trooper Russ Winger said.

Winds are expected to die down starting Wednesday. The National Weather Service forecasts clear, cold conditions with high temperatures in the low 40s and overnight lows in the 20s and 30s.