



2016
Qualifying Events Report
March 1, 2016 Event

Filed on May 25, 2016

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Event Description

Event Date and Time

Start: 3/1/2016, 13:30

End: 3/4/2016, 00:00

Event Type

Wind

Service Areas Significantly Affected

Pierce County, Thurston County, Kitsap County, Vashon Island

Number of Customers Affected

System wide, approximately 109,397 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages	299
Transmission Lines Affected	7
Substations Offline	3

Mobilization Summary

Operating Bases Placed In Emergency Status

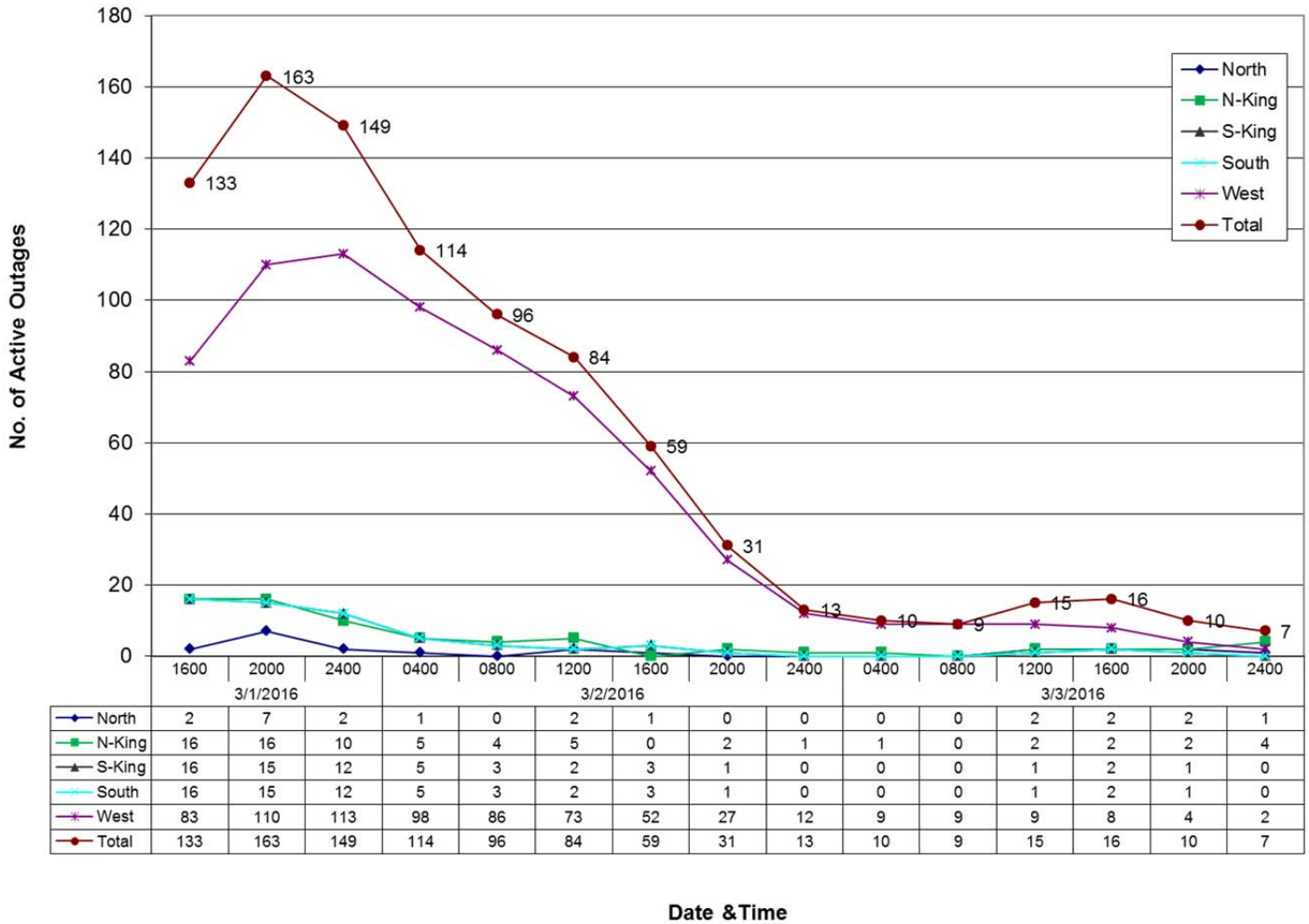
Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom/Skagit/Island	N/A			
North King	N/A			
South King	N/A			
Pierce	3/1/16	15:00	3/2/16	08:00
Thurston	3/1/16	15:00	3/2/16	06:00
Kitsap	3/1/16	15:00	3/3/16	02:00
Vashon	3/1/16	15:00	3/3/16	02:00
Kittitas	N/A			

Emergency Coordination Center (ECC)

ECC	Date Opened	Time Opened	Date Closed	Time Closed
	3/1/16	16:00	3/2/16	15:00

Active Outage Event Chart

Number of Active Outages - 1:30 p.m. Mar. 1st, 2016 to 00 a.m. Mar. 4, 2016



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)

A threshold on daily SAIDI² is computed once a year, following year end
 Assemble the 5 most recent years of historical values of SAIDI/day
 Discard any days in the data set that has a SAIDI/day of zero
 Find the natural logarithm of each value in the data set
 Compute the average (Alpha) and the standard deviation (Beta) of the natural logarithms computed in step 4
 Compute the threshold T_{MED} where $T_{MED} = \exp(\text{Alpha} + 2.5 * \text{Beta})$
 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 2016: 6.45 Minutes

Qualified Events - 2016

Current Event – Calculation Detail

Event Date, Time Range	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
3/1/2016, 13:30 – 3/4, 00:00	38,794,398	1,122,484	34.56

YTD Daily SAIDI Detail

(first day that daily SAIDI exceeded PSE's T_{MED} of 6.45 Minutes by qualifying event)

Date	Daily SAIDI (from midnight to midnight)	O&M ³ Costs– Deferrable Accumulation
3/1/2016	36.36	\$1,868,908

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

2016 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
3/1/2016	\$-	\$128,627	\$163,719	\$1,868,908	\$2,032,627	\$2,161,254

(r) Revised

2016 YTD Storm Restoration Costs Detail

Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
3/1/2016	\$-	\$128,627	\$163,719	\$1,868,908	\$2,032,627

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

	March 1, 2016- Storm Damage Repair Costs					
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
ST		\$ 5,055	\$ -	\$ 77,671	\$ 77,671	\$ 82,726
OT		\$ 2,371	\$ -	\$ 261,916	\$ 261,916	\$ 264,288
Total Labor	\$ -	\$ 7,427	\$ -	\$ 339,587	\$ 339,587	\$ 347,014
Labor OH		\$ 4,965	\$ (129,417)	\$ 318,881	\$ 189,464	\$ 194,429
Materials		\$ 34,121	\$ -	\$ 63,930	\$ 63,930	\$ 98,051
Contractors		\$ 67,061	\$ -	\$ 1,367,365	\$ 1,367,365	\$ 1,434,426
Other Direct Charges		\$ -	\$ -	\$ 21,053	\$ 21,053	\$ 21,053
Fleet		\$ 1,021	\$ -	\$ 37,880	\$ 37,880	\$ 38,901
Other Assessments		\$ 14,033	\$ 293,136	\$ (279,787)	\$ 13,349	\$ 27,381
Deferred Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ 128,627	\$ 163,719	\$ 1,868,909	\$ 2,032,628	\$ 2,161,254

**Detailed List of Outages - First T_{MED}-Exceeding Day
March 1, 2016**

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00267327-1	3/1/2016	12:48:21 AM	BTR-22	EBE	EF	UJU	24	4,447
P00267332-1	3/1/2016	7:04:32 AM	CRE-13	EAD	TV	OFU	5	221
P00267341-1	3/1/2016	7:40:00 AM	ROL-17	EBJ	EF	UTR	17	4,336
P00267344-1	3/1/2016	7:57:22 AM	CAR-15	EAA	EF	OTF	2	123
P00267349-1	3/1/2016	8:53:00 AM	BIG-12	EAC	TV	OTR	2	(1)
P00267350-1	3/1/2016	8:57:08 AM	RAI-13	ECC	EF	USV	1	167
P00119195-2	3/1/2016	8:59:38 AM	MCW-15	ECE	SO	UTC	52	16,626
P00267354-1	3/1/2016	9:38:01 AM	CPV-12	EAD	SO	USC	3	102
P00267357-1	3/1/2016	9:52:06 AM	SUM-21	EAC	TV	OFU	19	1,017
P00267367-1	3/1/2016	10:30:03 AM	HIG-15	EBE	OE	OJU	1,070	28,921
P00266306-1	3/1/2016	10:47:43 AM	HIG-15	EBE	SO	OJU	96	20,589
P00267371-1	3/1/2016	10:50:00 AM	CPV-15	EAD	SO	OTR	1	40
P00267375-1	3/1/2016	10:57:00 AM	WLS-16	EAC	TV	OCO	15	3,945
P00267380-1	3/1/2016	11:15:35 AM	FNW-17	ECD	BA	OTF	3	205
P00267381-1	3/1/2016	11:25:00 AM	SAH-17	EBD	DU	UPC	18	1,698
P00267382-1	3/1/2016	11:38:00 AM	LON-22	ECC	TV	OCO	16	5,626
P00267383-1	3/1/2016	11:39:00 AM	LGY-16	EAD	TV	OCO	84	15,021
11227864	3/1/2016	11:45:00 AM	BLA-13	EAA	CP	OPO	1	216
P00267392-1	3/1/2016	11:52:00 AM	GRI-13	ECC	TV	OSV	1	735
P00267400-1	3/1/2016	12:23:00 PM	WLK-13	ECA	EF	USV	1	342
P00267399-1	3/1/2016	12:23:23 PM	LON-17	ECC	TV	OCO	118	16,731
P00267363-1	3/1/2016	12:25:45 PM	CRE-12	EAD	EF	USV	1	7
P00267402-1	3/1/2016	12:26:00 PM	BLU-13	ECC	TV	OCO	14	3,307

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00267438-1	3/1/2016	12:28:21 PM	LON-22	ECC	TV	OFU	14	2,768
P00267408-1	3/1/2016	12:38:35 PM	PAT-15	ECC	TV	OCO	1,990	126,067
P00267409-1	3/1/2016	12:40:24 PM	SIL-15	ECE	TV	OSV	1	1,771
P00267412-1	3/1/2016	12:43:28 PM	GRI-16	ECC	TV	OCO	4	1,250
P00267415-1	3/1/2016	12:53:09 PM	CLY-26	EBE	EF	USV	1	229
P00267423-1	3/1/2016	1:05:00 PM	SKE-22	ECE	EF	UPC	2	4,113
P00267426-1	3/1/2016	1:08:25 PM	SWI-13	ECC	TV	OFC	85	18,937
P00267428-1	3/1/2016	1:13:37 PM	KIT-25	EBH	EF	OTF	1	121
P00267431-1	3/1/2016	1:24:16 PM	OSC-23	EBI	TV	OFU	5	907
P00267433-1	3/1/2016	1:29:00 PM	CHI-12	ECD	TV	OCO	460	1,389,927
P00267433-5	3/1/2016	1:29:00 PM	CHI-12	ECD	TV	OCO	460	1,389,778
P00267434-1	3/1/2016	1:29:46 PM	SHD-18	EBI	TV	OTF	2	575
P00267436-1	3/1/2016	1:32:43 PM	SEQ-22	EBJ	TV	OFU	146	14,933
P00267447-1	3/1/2016	1:43:00 PM	KAP-16	ECA	EF	OCO	1,245	104,061
P00267444-1	3/1/2016	1:47:00 PM	LON-23	ECC	TV	OPO	289	189,502
P00267456-1	3/1/2016	1:55:00 PM	LON-17	ECC	TV	OCO	75	37,939
P00267464-1	3/1/2016	1:58:00 PM	ROC-26	ECC	TV	OCO	195	133,877
P00267467-1	3/1/2016	2:00:00 PM	ORT-23	ECA	EF	OCO	81	15,508
P00267481-1	3/1/2016	2:00:00 PM	TLN-0042	EBI	TV	SBF	1,790	354,845
P00269916-1	3/1/2016	2:01:00 PM	KAP-13	ECA	TV	OCR	73	57,964
P00267478-1	3/1/2016	2:02:40 PM	HEM-15	ECA	UN	OFU	97	22,302
P00267480-1	3/1/2016	2:03:12 PM	BON-16	ECA	TV	OCR	2,678	277,354
P00267508-1	3/1/2016	2:07:03 PM	OSC-23	EBI	TV	OFU	24	2,226
P00267518-1	3/1/2016	2:08:00 PM	KAP-13	ECA	EF	CDH	265	88,331
P00267509-1	3/1/2016	2:08:00 PM	ORT-22	ECA	TV	OCO	6	2,989

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00267512-1	3/1/2016	2:09:01 PM	KAP-13	ECA	EF	OTF	2	1,276
P00267515-1	3/1/2016	2:09:37 PM	WLK-13	ECA	TV	OCO	103	10,097
P00267522-1	3/1/2016	2:10:00 PM	HOB-16	EBI	TV	OCO	29	15,554
P00267620-1	3/1/2016	2:10:00 PM	LTA-18	ECA	TV	OPO	1,015	333,075
P00267525-1	3/1/2016	2:11:00 PM	BLU-16	ECC	TV	OCO	3	1,995
P00267527-1	3/1/2016	2:12:00 PM	OSC-22	EBI	EF	OPO	521	382,727
P00267523-1	3/1/2016	2:12:42 PM	ORT-22	ECA	EF	OCO	58	18,152
P00269025-1	3/1/2016	2:13:00 PM	HOB-15	EBI	TV	OCO	67	120,353
P00267529-1	3/1/2016	2:13:03 PM	OSC-23	EBI	TV	OFU	18	2,461
P00267537-1	3/1/2016	2:14:00 PM	BDI-15	EBI	TV	OCO	-	6,402
P00267542-1	3/1/2016	2:15:25 PM	NNO-13	EBJ	TV	OTF	4	407
P00267558-1	3/1/2016	2:15:54 PM	HOB-15	EBI	TV	OHR	836	233,285
P00267568-1	3/1/2016	2:17:33 PM	MOT-14	ECC	TV	OCO	472	54,225
P00269264-1	3/1/2016	2:18:00 PM	FRU-26	ECA	TV	OFU	4	1,950
P00267628-1	3/1/2016	2:18:00 PM	EVE-23	EBD	TV	OCO	267	162,750
P00267605-1	3/1/2016	2:21:00 PM	LUH-15	ECC	TV	OCO	18	7,047
P00267618-1	3/1/2016	2:26:00 PM	RAI-11	ECC	TV	OFU	80	11,551
P00267629-1	3/1/2016	2:28:00 PM	MCA-13	ECC	TV	OCO	146	96,452
P00267631-1	3/1/2016	2:30:00 PM	CHI CR	ECD	TV	OCN	715	69,355
P00267632-1	3/1/2016	2:32:45 PM	MVW-17	EBJ	TV	OFU	9	690
P00268165-1	3/1/2016	2:33:06 PM	MCW-17	ECE	TV	OCO	90	126,849
P00268684-1	3/1/2016	2:34:37 PM	KIN-21	ECE	TV	OCO	224	181,996
P00267639-1	3/1/2016	2:35:57 PM	PIK-21	EBF	TV	OHR	154	15,975
P00267649-1	3/1/2016	2:37:00 PM	GRI-16	ECC	TV	OCO	49	27,346
P00268626-1	3/1/2016	2:37:51 PM	SIL-15	ECE	TV	OCO	1,074	448,556

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00268027-1	3/1/2016	2:38:42 PM	FNW-01	ECD	TV	OCO	10,421	3,654,355
P00267679-1	3/1/2016	2:39:00 PM	MIR-15	EBF	TV	OCO	56	12,792
P00267736-1	3/1/2016	2:40:30 PM	SKE-26	ECE	TV	OCO	1,882	154,857
P00267707-1	3/1/2016	2:41:54 PM	SIL-16	ECE	TV	OCO	64	86,425
P00267724-1	3/1/2016	2:42:00 PM	ELD-27	ECC	TV	OCO	23	22,747
P00269424-1	3/1/2016	2:42:51 PM	SIN-23	ECD	TV	OCO	392	770,635
P00268005-1	3/1/2016	2:43:12 PM	SIL-16	ECE	TV	OCO	268	228,966
P00267908-1	3/1/2016	2:44:47 PM	CEK-16	ECE	TV	OCO	1,597	407,847
P00267771-1	3/1/2016	2:44:53 PM	LOL-23	ECD	TV	OCO	46	53,881
P00268080-1	3/1/2016	2:44:54 PM	SIL-16	ECE	TV	OCO	165	247,910
P00267793-1	3/1/2016	2:45:14 PM	SIN-01	ECD	TV	OCO	4,375	1,359,051
P00268020-1	3/1/2016	2:45:33 PM	FRA-01	ECD	TV	OCO	5,737	171,060
P00267881-1	3/1/2016	2:46:08 PM	CHI-15	ECD	TV	OCO	308	380,277
P00267883-1	3/1/2016	2:46:11 PM	TOL-17	EBD	TV	OFU	101	18,821
P00269021-1	3/1/2016	2:48:06 PM	CHI-13	ECD	TV	OCO	281	553,982
P00268090-1	3/1/2016	2:49:00 PM	BRE-11	ECD	TV	OCO	40	58,445
P00268117-1	3/1/2016	2:50:00 PM	SIL-15	ECE	TV	OCO	13	8,022
P00268109-1	3/1/2016	2:50:00 PM	BHL-15	ECE	TV	OCO	3,223	1,312,983
P00268124-1	3/1/2016	2:51:00 PM	BHL-12	ECE	TV	OCO	16	24,013
P00268126-1	3/1/2016	2:51:32 PM	FRG-25	ECC	OD	OFU	11	1,345
P00268211-1	3/1/2016	2:52:00 PM	MAN-15	ECE	TV	OCO	1,847	1,154,321
P00268151-1	3/1/2016	2:52:00 PM	BRE-24	ECD	TV	OCO	112	168,823
P00268138-1	3/1/2016	2:52:13 PM	HEM-15	ECA	EF	OTF	5	929
P00269408-1	3/1/2016	2:52:31 PM	TRA-22	ECE	EF	OCO	12	18,668
P00268473-1	3/1/2016	2:52:47 PM	SKE-22	ECE	TV	OCO	725	152,056

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00269721-1	3/1/2016	2:52:55 PM	SIL-15	ECE	TV	OCO	-	9,933
P00268171-1	3/1/2016	2:53:00 PM	SEQ-22	EBJ	TV	OCO	8	6,537
P00268790-1	3/1/2016	2:53:15 PM	CEK-14	ECE	TV	OCO	1,372	188,262
P00268184-1	3/1/2016	2:53:37 PM	EPO-13	ECD	TV	OSV	3	4,363
P00268384-1	3/1/2016	2:54:20 PM	EPO-16	ECD	TV	OCO	525	318,106
P00268395-1	3/1/2016	2:54:55 PM	POU-15	ECE	TV	OCO	584	135,852
P00268267-1	3/1/2016	2:55:00 PM	LOL-25	ECD	TV	OCO	2,194	925,762
P00268243-1	3/1/2016	2:55:32 PM	SWD-12	ECE	UN	OCO	-	93,676
P00268444-1	3/1/2016	2:55:45 PM	SIL-17	ECE	TV	OCO	553	456,069
P00268866-1	3/1/2016	2:56:54 PM	TLN-0283	ECE	TV	OCO	338	203,693
P00268292-1	3/1/2016	2:56:59 PM	MUR-15	ECE	TV	OCO	69	58,302
P00268300-1	3/1/2016	2:57:00 PM	KCR-16	EBJ	TV	OCO	8	5,279
P00269957-1	3/1/2016	2:57:13 PM	LOL-25	ECD	TV	OCO	-	16,289
P00269979-1	3/1/2016	2:57:22 PM	WIN-13	ECE	TV	OCO	-	573,884
P00269714-1	3/1/2016	2:57:32 PM	SIL-13	ECE	TV	OFU	34	46,300
P00269990-1	3/1/2016	2:58:00 PM	WIN-12	ECE	TV	OCO	782	445,349
P00269978-1	3/1/2016	2:58:12 PM	WIN-15	ECE	TV	OCO	1,368	806,846
P00269645-1	3/1/2016	2:58:31 PM	POU-15	ECE	TV	OCO	1,526	384,959
P00269977-1	3/1/2016	2:59:34 PM	WIN-16	ECE	TV	OCO	69	43,607
P00268393-1	3/1/2016	2:59:57 PM	PMA-13	ECE	TV	OCO	13	18,258
P00268469-1	3/1/2016	3:00:00 PM	KIN-24	ECE	TV	OCO	1,661	2,197,732
P00268445-1	3/1/2016	3:00:11 PM	CHR-22	ECE	TV	OCO	329	212,413
P00269186-1	3/1/2016	3:01:00 PM	PMA-13	ECE	TV	OCO	4	6,627
P00268913-1	3/1/2016	3:01:00 PM	SIL-16	ECE	TV	OCO	67	55,626
P00268606-1	3/1/2016	3:01:10 PM	VAS-13	EBL	TV	OCO	118	35,787

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00268893-1	3/1/2016	3:01:17 PM	TRA-22	ECE	TV	OCO	31	30,509
P00268832-1	3/1/2016	3:02:20 PM	BHL-13	ECE	TV	OCO	661	514,192
P00269077-1	3/1/2016	3:02:52 PM	POU-16	ECE	TV	OCO	971	665,523
P00268516-1	3/1/2016	3:03:00 PM	MUR-13	ECE	TV	OCO	16	19,812
P00269030-1	3/1/2016	3:03:00 PM	MIL-16	ECE	TV	OCO	8	11,129
P00268531-1	3/1/2016	3:03:00 PM	SEQ-17	EBJ	TV	OCO	88	39,701
P00269503-1	3/1/2016	3:03:12 PM	PGA-12	ECE	TV	OCO	850	794,849
P00268520-1	3/1/2016	3:03:22 PM	MIL-16	ECE	TV	OCO	28	34,706
P00268593-1	3/1/2016	3:04:11 PM	LOL-23	ECD	TV	OCO	1,452	822,051
P00268594-1	3/1/2016	3:04:21 PM	HAW-11	ECC	EF	OFU	218	23,384
P00267493-1	3/1/2016	3:04:33 PM	STA-16	EBJ	TV	OJU	-	3,260
P00268566-1	3/1/2016	3:04:37 PM	MIR-13	EBF	TV	OCO	14	2,121
P00268569-1	3/1/2016	3:04:59 PM	RPT-15	ECD	TV	OTF	3	4,590
P00268940-1	3/1/2016	3:05:03 PM	KIN-21	ECE	UN	OCO	239	342,694
P00268575-1	3/1/2016	3:05:17 PM	TRA-26	ECE	UN	OTF	3	3,280
P00269328-1	3/1/2016	3:05:35 PM	POU-13	ECE	TV	OCO	3,984	1,286,667
P00268887-1	3/1/2016	3:06:00 PM	TLN-0184	EAD	TV	SBF	7,820	876,494
P00268641-1	3/1/2016	3:07:00 PM	KAP-16	ECA	TV	OCO	11	9,805
P00268617-1	3/1/2016	3:07:05 PM	MAN-13	ECD	TV	OTF	4	5,095
P00268642-1	3/1/2016	3:07:14 PM	SWD-14	ECE	TV	OCO	2	2,326
P00268676-1	3/1/2016	3:08:00 PM	ING-13	EBD	TV	OCO	17	9,547
P00268763-1	3/1/2016	3:08:00 PM	KNM-25	EBD	UN	OCO	1,814	99,407
P00268671-1	3/1/2016	3:08:03 PM	MAN-13	ECD	TV	OSV	1	1,347
P00270195-1	3/1/2016	3:08:16 PM	PGA-13	ECE	TV	OCO	3,331	2,922,565
P00268683-1	3/1/2016	3:08:29 PM	MIR-17	EBF	TV	OCR	1	222

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00268705-1	3/1/2016	3:09:09 PM	RPT-15	ECD	TV	OSV	1	1,435
P00268733-1	3/1/2016	3:10:00 PM	FAL-15	EBF	TV	OTR	3	1,331
P00269249-1	3/1/2016	3:10:12 PM	SIL-13	ECE	TV	OCO	93	115,314
P00268760-1	3/1/2016	3:10:33 PM	CHI-13	ECD	TV	OCO	33	27,685
P00269128-1	3/1/2016	3:11:48 PM	PMA-16	ECE	TV	OCO	838	197,950
P00268899-1	3/1/2016	3:13:58 PM	VAS-12	EBL	TV	OCO	569	96,256
P00269630-1	3/1/2016	3:14:24 PM	KAP-13	ECA	TV	OCR	20	23,675
P00268877-1	3/1/2016	3:14:51 PM	MUR-13	ECE	TV	OCO	120	74,432
P00268920-1	3/1/2016	3:17:00 PM	RAI-14	ECC	TV	OFU	15	2,397
P00268922-1	3/1/2016	3:17:36 PM	VAS-12	EBL	TV	OCO	101	23,686
P00268972-1	3/1/2016	3:17:54 PM	SHE-15	ECE	TV	OCO	-	28,194
11234967	3/1/2016	3:18:00 PM	NBO-23	EBD	TV	OCO	1	97
P00268947-1	3/1/2016	3:19:00 PM	SHE-25	ECE	TV	OSV	3	3,652
P00268954-1	3/1/2016	3:20:00 PM	MCW-17	ECE	TV	OCO	2	2,639
P00268953-1	3/1/2016	3:20:02 PM	VIC-16	EBJ	EF	USV	1	512
P00268961-1	3/1/2016	3:20:46 PM	MHT-13	EBJ	TV	OSV	1	155
P00270069-1	3/1/2016	3:21:49 PM	SHE-15	ECE	TV	OCO	751	473,739
P00269231-1	3/1/2016	3:23:28 PM	FRA-12	ECD	TV	OCO	11	15,054
P00268990-1	3/1/2016	3:24:31 PM	RPT-15	ECD	TV	OSV	5	8,287
P00269011-1	3/1/2016	3:24:40 PM	MCW-15	ECE	TV	OCO	128	122,483
P00269707-1	3/1/2016	3:26:17 PM	FRA-13	ECD	TV	OCO	170	126,205
P00269007-1	3/1/2016	3:26:51 PM	MVW-13	EBJ	EF	OFC	4	429
P00269218-1	3/1/2016	3:27:00 PM	AVO-24	EBD	TV	OPO	73	70,457
P00267398-2	3/1/2016	3:28:28 PM	WLK-13	ECA	TV	OIN	256	12,085
P00269036-1	3/1/2016	3:30:24 PM	KNM-27	EBD	EF	OSV	5	894

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00269043-1	3/1/2016	3:30:57 PM	ELD-23	ECC	TV	OCO	1	219
P00269122-1	3/1/2016	3:32:00 PM	SWD-13	ECE	TV	OCO	96	77,969
P00269049-1	3/1/2016	3:32:00 PM	HEM-13	ECA	TV	OCO	11	5,452
P00269059-1	3/1/2016	3:33:01 PM	LYO-12	EBJ	TV	OFU	40	6,443
P00269062-1	3/1/2016	3:33:22 PM	FLD-12	EAD	TV	OCO	83	14,207
P00269066-1	3/1/2016	3:33:35 PM	VAS-13	EBL	TV	OCO	1	334
P00269071-1	3/1/2016	3:35:00 PM	MWD-13	EBE	TV	OCO	11	4,199
P00269076-1	3/1/2016	3:36:59 PM	DUT-14	ECA	TV	OCO	1,670	272,572
P00269159-1	3/1/2016	3:38:37 PM	MIL-17	ECE	TV	OCO	37	33,656
P00269188-1	3/1/2016	3:40:00 PM	MIL-17	ECE	TV	OCO	1,481	203,714
P00269092-1	3/1/2016	3:40:18 PM	TOL-15	EBD	TV	OSV	3	696
P00269661-1	3/1/2016	3:42:05 PM	SWD-14	ECE	TV	OCO	28	25,764
P00269105-1	3/1/2016	3:43:39 PM	BAS-13	EBJ	UN	OFU	1	204
P00269121-1	3/1/2016	3:48:57 PM	EGT-28	EBE	TV	OFU	31	4,537
P00269441-1	3/1/2016	3:56:39 PM	MUR-16	ECE	TV	OCO	603	155,453
P00269175-1	3/1/2016	3:59:13 PM	SME-12	EBE	TV	OFU	24	2,682
P00269497-1	3/1/2016	4:02:53 PM	PMA-15	ECE	TV	OCO	21	18,668
P00269183-1	3/1/2016	4:02:58 PM	SWD-12	ECE	TV	OCO	82	5,733
P00269229-1	3/1/2016	4:03:52 PM	MUR-13	ECE	TV	OCO	28	17,977
P00269192-1	3/1/2016	4:04:29 PM	PRI-13	ECC	TV	OSV	1	266
P00270021-1	3/1/2016	4:07:00 PM	SKE-26	ECE	TV	OCO	41	44,688
P00269225-1	3/1/2016	4:12:00 PM	HIG-16	EBE	TV	OCO	15	11,241
P00269247-1	3/1/2016	4:17:46 PM	MIL-23	ECE	TV	OCO	7	5,019
P00269401-1	3/1/2016	4:18:05 PM	GBK-15	EAD	TV	OCO	36	10,504
P00269251-1	3/1/2016	4:18:30 PM	FLD-13	EAD	TV	OCO	14	8,357

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00269433-1	3/1/2016	4:19:00 PM	MIL-23	ECE	TV	OCO	18	37,267
P00269268-1	3/1/2016	4:24:00 PM	BTR-14	EBE	LI	OTR	19	8,847
P00269271-1	3/1/2016	4:25:00 PM	NRU-23	EBE	TV	OCO	4	1,632
P00269270-1	3/1/2016	4:25:00 PM	MHT-13	EBJ	TV	OCO	2	1,265
P00269279-1	3/1/2016	4:28:00 PM	CHR-23	ECE	TV	OCO	446	662,813
P00269279-3	3/1/2016	4:28:00 PM	CHR-23	ECE	TV	OCO	446	663,214
P00269496-1	3/1/2016	4:28:11 PM	BLU-13	ECC	UN	OFU	199	24,706
P00269281-1	3/1/2016	4:29:39 PM	PGA-16	ECE	TV	OCO	65	56,117
P00269500-1	3/1/2016	4:32:14 PM	PGA-13	ECE	TV	OCO	188	161,736
P00269346-1	3/1/2016	4:34:00 PM	PET-16	EAC	OD	OJU	1	244
P00269379-1	3/1/2016	4:38:17 PM	BLU-17	ECC	TV	OTF	3	196
P00269450-1	3/1/2016	4:48:00 PM	KNM-25	EBD	UN	OCO	115	57,306
P00269439-1	3/1/2016	4:49:05 PM	LAT-17	EBJ	TV	OFU	121	11,578
P00269459-1	3/1/2016	4:53:00 PM	MER-13	EBE	TV	OCO	5	1,187
P00269460-1	3/1/2016	4:53:49 PM	NNO-15	EBJ	UN	OFU	82	14,114
P00269468-1	3/1/2016	4:55:21 PM	NNO-15	EBJ	OD	OFU	27	4,142
P00269476-1	3/1/2016	4:56:16 PM	BHL-12	ECE	TV	OTF	2	2,872
P00270478-1	3/1/2016	5:00:26 PM	MCW-17	ECE	TV	OFU	11	4,999
P00269488-1	3/1/2016	5:00:26 PM	MCW-17	ECE	TV	OCO	-	10,428
P00269507-1	3/1/2016	5:06:06 PM	MUR-13	ECE	TV	OCO	27	12,447
P00269510-1	3/1/2016	5:06:24 PM	PMA-12	ECE	TV	OSV	2	3,401
P00260978-3	3/1/2016	5:07:07 PM	OSC-23	EBI	CP	OPO	120	402
P00269513-1	3/1/2016	5:08:00 PM	FRA-16	ECD	TV	OCO	9	16,272
P00269588-1	3/1/2016	5:08:10 PM	EGT-12	EBE	TV	OCO	3,448	588,746
P00269541-1	3/1/2016	5:10:41 PM	CEK-14	ECE	TV	OCO	8	241

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00269617-1	3/1/2016	5:16:00 PM	KWH-25	EBE	TV	OCO	11	3,962
P00267481-2	3/1/2016	5:16:28 PM	TLN-0042	EBI	TV	OCO	-	52,639
P00269612-1	3/1/2016	5:18:32 PM	FNW-17	ECD	TV	OCO	19	21,137
P00269616-1	3/1/2016	5:19:00 PM	GRI-15	ECC	TV	OCO	83	56,006
P00269619-1	3/1/2016	5:20:31 PM	SME-15	EBE	EF	OIN	59	7,645
P00269623-1	3/1/2016	5:22:17 PM	FRA-16	ECD	TV	OCO	2	1,867.00
P00269877-1	3/1/2016	5:23:14 PM	BRS-13	EAC	TV	OFU	79	15,525
P00269639-1	3/1/2016	5:25:00 PM	SAH-13	EBD	UN	OCO	1,644	154,893
P00269649-1	3/1/2016	5:31:16 PM	BRS-13	EAC	TV	OFU	60	11,358
P00269660-1	3/1/2016	5:33:39 PM	PRI-13	ECC	TV	OFU	58	8,754
P00269663-1	3/1/2016	5:34:15 PM	JUA-25	EBD	TV	UTC	31	11,613
P00269670-1	3/1/2016	5:37:19 PM	EDG-13	ECA	EF	OFU	4	1,447
P00269673-1	3/1/2016	5:38:00 PM	SIN-25	ECD	TV	OCO	8	7,609
P00269680-1	3/1/2016	5:40:07 PM	LAT-17	EBJ	TV	OTF	9	257
P00269764-1	3/1/2016	5:40:52 PM	LOL-21	ECD	TV	OCO	135	89,503
P00269824-1	3/1/2016	5:46:50 PM	CEK-14	ECE	TV	OCO	-	239,900
P00269700-1	3/1/2016	5:49:52 PM	SWI-21	ECC	EF	OFC	6	814
P00269701-1	3/1/2016	5:50:07 PM	CAM-25	EBJ	EF	USC	1	273
P00269728-1	3/1/2016	5:55:02 PM	LAT-17	EBJ	TV	OCO	82	2,661
P00269723-1	3/1/2016	6:00:06 PM	PMA-13	ECE	TV	OTF	2	1,942
P00269727-1	3/1/2016	6:01:24 PM	HAW-12	ECC	EF	USC	1	297
P00269733-1	3/1/2016	6:07:00 PM	SIN-25	ECD	TV	OCO	2	2,941
P00269740-1	3/1/2016	6:09:59 PM	LON-22	ECC	TV	OTF	2	507
P00269813-1	3/1/2016	6:11:06 PM	BDI-15	EBI	TV	OCO	153	29,709
P00267523-2	3/1/2016	6:18:01 PM	ORT-22	ECA	TV	OCO	-	107
P00269766-1	3/1/2016	6:25:00 PM	GRV-12	ECA	TV	OCO	885	105,168
P00269769-1	3/1/2016	6:27:18 PM	FRA-15	ECD	TV	OCO	22	21,798
P00269794-1	3/1/2016	6:31:00 PM	SKE-22	ECE	TV	OCO	77	62,319
P00269777-1	3/1/2016	6:32:00 PM	VAS-13	EBL	TV	OCO	8	6,251

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00269782-1	3/1/2016	6:34:01 PM	SWD-13	ECE	TV	OCO	49	27,901
P00269798-1	3/1/2016	6:42:00 PM	MIL-23	ECE	TV	OCO	11	11,997
P00269796-1	3/1/2016	6:42:08 PM	WOO-26	ECA	TV	OSV	1	236
P00269799-1	3/1/2016	6:43:00 PM	POU-15	ECE	TV	OCO	43	73,071
P00270064-1	3/1/2016	6:43:23 PM	SKE-22	ECE	TV	OCO	20	25,220
P00267558-2	3/1/2016	6:45:11 PM	HOB-15	EBI	TV	OCO	63	32,108
P00270628-1	3/1/2016	7:00:12 PM	CHI-16	ECD	UN	OCO	74	153,660
P00269836-1	3/1/2016	7:01:00 PM	CHI-16	ECD	TV	OCO	131	312,912
P00269858-1	3/1/2016	7:10:00 PM	POU-15	ECE	TV	OCO	62	60,015
P00269959-1	3/1/2016	7:12:55 PM	FLD-13	EAD	TV	OFU	34	3,293
P00268683-2	3/1/2016	7:20:47 PM	MIR-17	EBF	TV	OCR	98	12,063
P00270007-1	3/1/2016	7:21:07 PM	WAB-13	EBI	TV	OFU	59	8,810
P00269866-1	3/1/2016	7:21:16 PM	PMA-16	ECE	TV	OSV	1	1,567
P00269871-1	3/1/2016	7:25:31 PM	FNW-17	ECD	UN	UTC	4	5,035
P00269892-1	3/1/2016	7:37:00 PM	CEK-16	ECE	TV	OCO	1,466	155,850
P00269900-1	3/1/2016	7:44:20 PM	NBO-26	EBD	TV	OCO	37	496
P00269904-1	3/1/2016	7:47:31 PM	TOL-17	EBD	TV	OSV	1	121
P00269907-1	3/1/2016	7:49:00 PM	LGY-16	EAD	TV	OCO	8	2,958
P00269911-1	3/1/2016	7:51:00 PM	KAP-16	ECA	EF	OTR	3	2,157
P00269909-1	3/1/2016	7:51:34 PM	HOB-15	EBI	TV	OHR	84	8,910
P00269920-1	3/1/2016	8:02:00 PM	FRA-16	ECD	TV	OCO	1	868
P00269925-1	3/1/2016	8:07:00 PM	LOL-21	ECD	TV	OCO	55	40,185
P00269967-1	3/1/2016	8:10:00 PM	WAB-13	EBI	TV	OFU	10	5,133
P00269931-1	3/1/2016	8:10:42 PM	MAN-15	ECD	TV	OCO	5	5,836
P00269946-1	3/1/2016	8:19:26 PM	VWY-15	EAA	EF	OFC	1	101
P00269963-1	3/1/2016	8:40:00 PM	PRI-13	ECC	EF	OCO	58	27,594
P00269974-1	3/1/2016	8:46:02 PM	OSC-23	EBI	TV	OFU	4	236
P00269975-1	3/1/2016	8:47:06 PM	SWA-16	EAD	EF	UPC	57	8,334
P00269981-1	3/1/2016	8:50:00 PM	VIT-23	EBD	EF	UTR	7	5,386

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00269982-1	3/1/2016	8:51:28 PM	SWD-12	ECE	TV	OCO	8	4,425
P00269984-1	3/1/2016	8:52:47 PM	BHL-15	ECE	TV	OCO	1	26
P00269986-1	3/1/2016	8:58:40 PM	WIN-12	ECE	TV	OCO	20	19,055
P00269995-1	3/1/2016	9:14:17 PM	LOL-25	ECD	TV	OCO	4	3,911
P00269813-2	3/1/2016	9:43:00 PM	BDI-15	EBI	TV	OCO	153	54,532
P00270483-1	3/1/2016	9:48:00 PM	SIL-15	ECE	TV	OCO	51	44,226
P00270014-1	3/1/2016	9:51:59 PM	LGY-15	EAD	TV	OAR	12	2,147
P00267432-2	3/1/2016	9:52:30 PM	PAT-15	ECC	TV	OCO	1	347
P00270015-1	3/1/2016	9:54:03 PM	VWY-15	EAA	TV	OTF	1	85
P00270017-1	3/1/2016	9:55:00 PM	SIL-15	ECE	TV	OCO	245	208,142
P00270017-3	3/1/2016	9:55:00 PM	SIL-15	ECE	TV	OCO	245	208,192
P00270032-1	3/1/2016	10:35:26 PM	FNW-15	ECD	TV	OCO	13	10,310
P00269483-1	3/1/2016	10:40:00 PM	PAT-15	ECC	TV	OSV	2	478
P00270033-1	3/1/2016	10:40:50 PM	WIN-13	ECE	TV	OCO	1,239	116,673
P00270034-1	3/1/2016	10:59:00 PM	42721	ECC	EF	OCO	3	1,565
P00269647-1	3/1/2016	11:01:13 PM	HAZ-15	EBE	TV	OSV	1	210
P00270037-1	3/1/2016	11:11:42 PM	BDI-15	EBI	TV	OCO	1	268
P00270038-1	3/1/2016	11:12:18 PM	CUM-15	EBI	TV	SCB	606	30,322

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**The Seattle Times****75,000 customers without power in western Washington storm**

Originally published March 1, 2016 at 4:09 pm Updated March 1, 2016 at 9:11 pm

The Associated Press



SEATTLE (AP) — Officials say more than 75,000 customers around western Washington were without power and flights were grounded briefly at the Seattle-Tacoma International Airport due to blustery, rainy weather.

The National Weather Service in Seattle had issued a wind advisory for western Washington and surrounding areas until 9 p.m. Tuesday. Wind gusts around 60 mph were reported in some areas.

Puget Sound Energy reported about 60,000 customers without power at 6 p.m. Tuesday. In their coverage area, they say Kitsap County sustained the most damage. Fire officials in the town of Poulsbo, in Kitsap County, say a woman was taken to a hospital with serious injuries and the rest of her family was displaced after a tree slammed into their home.

Seattle City Light reported nearly 4,000 customers affected by outages. Snohomish County Public Utility District said about 15,000 customers lacked power.