



2017
Qualifying Events Report

April 07, 2017 Event

Filed on July 3, 2017

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Event Description

Event Date and Time

Start: 4/7/2017, 08:00

End: 4/9/2017, 03:00

Event Type

Wind

Service Areas Significantly Affected

Pierce County, Thurston County

Number of Customers Affected

System wide, approximately 57,379 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages for the Event	243
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Transmission Lines Affected	15
Substations Offline	N/A

Mobilization Summary

Operating Bases Placed In Emergency Status

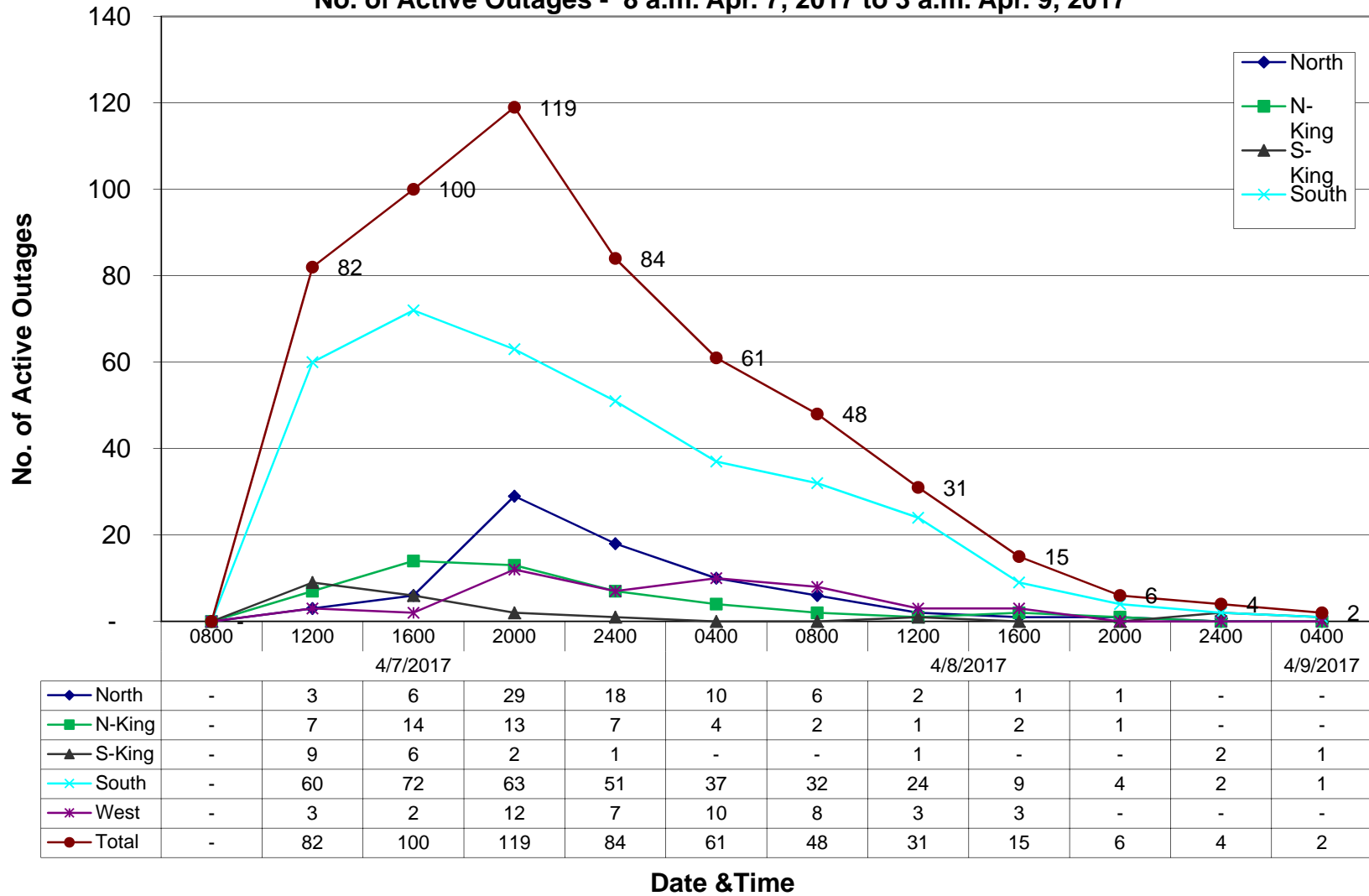
Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom/Skagit/Island	N/A			
North King	N/A			
South King	N/A			
Pierce	4/7/2017	11:00	4/7/2017	21:45
Thurston	4/7/2017	11:00	4/8/2017	17:00
Kitsap	N/A			
Vashon	N/A			
Kittitas	N/A			

Emergency Coordination Center (ECC)

	Date Opened	Time Opened	Date Closed	Time Closed
ECC	N/A			

Active Outage Event Chart

IEEE Qualifying Storm Event
No. of Active Outages - 8 a.m. Apr. 7, 2017 to 3 a.m. Apr. 9, 2017



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 2017: 6.72 Minutes

Qualified Events - 2017

Current Event – Calculation Detail

Event Date, Time Range	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
4/7/2017 08:00 – 4/9/2017 03:00	15,214,007	1,135,237	13.40

Daily SAIDI Detail YTD

Event Days Exceeding PSE's 2017 IEEE Major Event Threshold of 6.72 Minutes

Date	Daily SAIDI (from midnight to midnight)	O&M ³ Costs– Deferrable Accumulation
2/4/2017	20.67	\$8,000,000
4/7/2017	13.1	-

¹ IEEE: Institute of Electrical and Electronics Engineers

² SAIDI: System Average Interruption Duration Index

³ O&M: Operations and Maintenance

Event Restoration – YTD Cost Summary
2017 Restoration Costs Detail by Qualifying Event

Event Date	Qualified Events Deferred Account	Capital Costs	O&M Costs Not Deferrable	O&M Costs Deferrable Accumulation	Total O&M Costs	Total
2/4/2017	\$7,994,077(r)	\$628,550(r)	\$0	\$8,000,000	\$8,000,000	\$16,622,627(r)
4/7/2017	\$608,473	\$171,587	\$0	\$0	\$0	\$780,060

(r): Revised

2017 YTD Storm Restoration Costs Detail As of June 30, 2017

Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
\$8,602,550	\$800,137	\$0	\$8,000,000	\$8,000,000	\$17,402,687

Detail Documents

Restoration Costs Detail – Current Event

Detailed List of Distribution Circuits with Outages

Terms, Codes and Definitions Used on Detail Reports

Restoration Costs Detail – Current Event

Puget Sound Energy						
April 7, 2017- Qualifying Storm Damage Repair Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
ST	\$ -	\$ -	\$ -	\$ 5,596	\$ 5,596	\$ 5,596
OT	\$ -	\$ -	\$ -	\$ 83,258	\$ 83,258	\$ 83,258
Total Labor	\$ -	\$ -	\$ -	\$ 88,854	\$ 88,854	\$ 88,854
Labor OH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Materials	\$ -	\$ 5,256	\$ -	\$ 9,590	\$ 9,590	\$ 14,846
Contractors	\$ -	\$127,401	\$ -	\$ 453,662	\$ 453,662	\$ 581,062
Other Direct Charges	\$ -	\$ -	\$ -	\$ 8,185	\$ 8,185	\$ 8,185
Fleet	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Assessments	\$ -	\$ 38,930	\$ -	\$ 48,183	\$ 48,183	\$ 87,113
Deferred Expenses	\$ 608,473	\$ -	\$ -	\$ (608,473)	\$ (608,473)	\$ -
	\$ 608,473	\$171,587	\$ -	\$ -	\$ -	\$ 780,060

Detailed List of Outages - 2/5/2017, First T_{MED}-Exceeding Day

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00366235-1	4/7/2017	3:19:50 AM	RAI-13	ECC	CP	OPO	458	37,422
P00366240-1	4/7/2017	4:28:17 AM	HOU-26	EBD	EF	UPC	22	5,567
P00366372-1	4/7/2017	8:13:09 AM	GRI-13	ECC	TV	OCO	35	19,475
P00366256-1	4/7/2017	8:34:17 AM	ROC-15	ECC	TV	OCO	1,006	134,922
P00366296-1	4/7/2017	8:37:00 AM	ROC-26	ECC	TV	OCO	2,022	754,551
P00364149-1	4/7/2017	8:44:50 AM	WOB-23	EAA	SO	OPO	14	3,294
P00366287-1	4/7/2017	8:50:14 AM	ROC-17	ECC	TV	OCO	1,137	219,403
P00366292-1	4/7/2017	8:50:49 AM	OBY-16	ECC	TV	OCO	2,308	705,018
P00366307-1	4/7/2017	8:59:14 AM	WOL-25	ECC	TV	OCO	1,445	377,987
P00366312-1	4/7/2017	9:03:50 AM	NUG-25	EAA	EF	OTR	1	655
P00366315-1	4/7/2017	9:05:05 AM	RIV-16	EAC	BA	OTF	5	459
P00366319-1	4/7/2017	9:07:24 AM	BLU-17	ECC	EF	OCO	436	224,558
P00367221-1	4/7/2017	9:08:05 AM	BLU-17	ECC	TV	OCO	63	44,732
P00366340-1	4/7/2017	9:29:29 AM	SHD-17	EBI	BA	OFU	9	2,579
P00366349-1	4/7/2017	9:46:34 AM	LWS-16	EBJ	TV	OCO	732	54,217
P00366350-1	4/7/2017	9:49:58 AM	PRI-23	ECC	TV	OCO	2	2,191
P00366513-1	4/7/2017	9:50:07 AM	ROC-26	ECC	TV	OCO	49	25,074
P00366352-1	4/7/2017	9:50:44 AM	PRI-23	ECC	TV	OCO	1,795	389,066
P00366353-1	4/7/2017	9:52:37 AM	BAR-16	ECC	TV	OCO	11	19,055
P00366354-1	4/7/2017	9:54:13 AM	MIR-17	EBF	TV	OFU	3	476
P00366357-1	4/7/2017	9:55:22 AM	HAN-13	EAA	BA	OTF	5	716
P00366360-1	4/7/2017	9:57:46 AM	LWS-15	EBJ	TV	OCO	500	42,092
P00366367-1	4/7/2017	10:00:41 AM	MOT-14	ECC	TV	OCO	316	201,387
P00366365-1	4/7/2017	10:03:44 AM	LUH-17	ECC	TV	OCO	19	14,712
P00366366-1	4/7/2017	10:05:25 AM	AIR-26	ECC	TV	OCO	431	133,754
P00366348-1	4/7/2017	10:08:34 AM	MLK-13	EBE	SO	UPT	10	2,169
P00366249-1	4/7/2017	10:11:08 AM	GRI-13	ECC	TV	OCO	88	82,528
P00366371-1	4/7/2017	10:11:48 AM	RHO-13	ECA	TV	OTF	4	1,852
P00367228-1	4/7/2017	10:12:21 AM	BLU-16	ECC	TV	OCO	242	170,737
P00366375-1	4/7/2017	10:13:02 AM	RHO-15	ECA	TV	OFU	1	427
P00366376-1	4/7/2017	10:13:38 AM	EGT-12	EBE	TV	OCO	8	5,158
P00366380-1	4/7/2017	10:14:06 AM	BAR-13	ECC	TV	OCO	1,621	523,880
P00366387-1	4/7/2017	10:20:00 AM	RAI-14	ECC	TV	OCO	27	33,239
P00366390-1	4/7/2017	10:20:39 AM	ORT-22	ECA	TV	OTR	51	11,064
P00367316-1	4/7/2017	10:26:00 AM	ROC-16	ECC	TV	OCO	46	32,752
P00366398-1	4/7/2017	10:27:14 AM	KAP-15	ECA	TV	OCO	167	21,351
P00366412-1	4/7/2017	10:33:30 AM	LAC-17	ECC	TV	OCR	822	577,809
P00366414-1	4/7/2017	10:34:15 AM	KAP-15	ECA	TV	OSV	5	3,539
P00366416-1	4/7/2017	10:35:30 AM	SIL-16	ECE	EF	PMJ	1	181
P00366421-1	4/7/2017	10:37:00 AM	AIR-23	ECC	TV	OCO	8	9,989

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00366552-1	4/7/2017	10:37:02 AM	FRA-12	ECD	TV	OCO	5	993
P00366517-1	4/7/2017	10:37:50 AM	AIR-23	ECC	TV	OCO	259	145,505
P00366424-1	4/7/2017	10:39:23 AM	FRG-22	ECC	TV	OCO	58	40,031
P00366427-1	4/7/2017	10:41:44 AM	CHA-12	ECC	TV	OCO	164	48,776
P00366432-1	4/7/2017	10:43:06 AM	CED-15	ECA	TV	OCO	60	29,214
P00366422-1	4/7/2017	10:43:08 AM	AIR-23	ECC	TV	OCO	78	145,838
P00366448-1	4/7/2017	10:43:56 AM	TAN-13	ECC	TV	OCO	22	12,437
P00366445-1	4/7/2017	10:44:14 AM	GRV-12	ECA	TV	OCO	72	52,963
P00366441-1	4/7/2017	10:44:49 AM	LTA-17	ECA	TV	OCO	480	284,720
P00366442-1	4/7/2017	10:45:02 AM	BLU-16	ECC	TV	OCO	712	956,909
P00366956-1	4/7/2017	10:48:00 AM	AIR-23	ECC	TV	OCO	50	50,843
P00366471-1	4/7/2017	10:51:00 AM	BON-13	ECA	TV	OCO	1,249	651,229
P00366468-1	4/7/2017	10:52:48 AM	NBO-26	EBD	TV	OCO	49	6,654
P00366477-1	4/7/2017	10:54:46 AM	MIR-13	EBF	TV	OCO	13	5,009
P00366875-1	4/7/2017	10:54:56 AM	LON-25	ECC	TV	OCO	1,208	401,137
P00366481-1	4/7/2017	10:55:15 AM	CAP-13	ECC	TV	OFU	39	17,059
P00366482-1	4/7/2017	10:55:31 AM	RAI-11	ECC	TV	OCO	101	107,021
P00366499-1	4/7/2017	10:56:31 AM	CWD-23	EBD	TV	OCO	1,417	76,518
P00366485-1	4/7/2017	10:56:36 AM	PIP-23	EBC	TV	OFU	16	5,439
P00366486-1	4/7/2017	10:56:59 AM	GAR-13	ECA	TV	OFU	30	14,169
P00366488-1	4/7/2017	10:57:08 AM	LLT-16	EBD	TV	OPO	9	4,287
P00366496-1	4/7/2017	10:57:45 AM	HOL-15	ECA	TV	OFU	79	54,655
P00366495-1	4/7/2017	10:57:45 AM	KCR-16	EBJ	TV	OCO	29	9,857
P00366497-1	4/7/2017	10:57:50 AM	BLU-13	ECC	EF	OSV	1	888
P00366505-1	4/7/2017	11:01:22 AM	KAP-16	ECA	TV	OCO	37	34,165
P00367308-1	4/7/2017	11:01:23 AM	YEL-25	ECC	TV	UPT	4	4,702
P00366526-1	4/7/2017	11:08:12 AM	BLU-16	ECC	TV	OPO	2,393	474,294
P00366529-1	4/7/2017	11:10:39 AM	DES-15	EBJ	TV	OFU	118	13,464
P00366728-1	4/7/2017	11:11:19 AM	KAP-13	ECA	TV	OFU	14	11,511
P00366534-1	4/7/2017	11:11:37 AM	ROC-15	ECC	TV	OCO	2	3,027
P00366540-1	4/7/2017	11:13:00 AM	PAT-15	ECC	TV	OCO	14	12,171
P00366545-1	4/7/2017	11:15:28 AM	CHA-15	ECC	TV	OCO	228	48,819
P00366420-1	4/7/2017	11:16:59 AM	FRA-12	ECD	TV	OCO	8	287
P00366565-1	4/7/2017	11:20:00 AM	LMC-23	EBE	TV	OCR	936	116,423
P00367084-1	4/7/2017	11:24:14 AM	PAT-15	ECC	TV	OCO	24	38,753
P00366574-1	4/7/2017	11:24:37 AM	MCA-13	ECC	TV	OCO	126	164,905
P00366266-1	4/7/2017	11:28:08 AM	BLU-16	ECC	TV	OCO	40	48,313
P00366589-1	4/7/2017	11:31:10 AM	RHO-16	ECA	TV	OCO	1,534	520,428
P00366603-1	4/7/2017	11:32:53 AM	PAT-13	ECC	TV	OTF	2	1,988
P00366619-1	4/7/2017	11:36:14 AM	PAN-13	EBJ	TV	OCO	1,984	69,217
P00366407-1	4/7/2017	11:36:43 AM	CAM-17	EBJ	TV	OCO	4	284
P00366659-1	4/7/2017	11:51:01 AM	PAN-12	EBJ	TV	OCO	13	1,027

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00366660-1	4/7/2017	11:51:34 AM	ORT-26	ECA	UN	OCO	7	5,184
P00366666-1	4/7/2017	11:54:18 AM	BUC-16	ECA	TV	OCO	448	110,746
P00366961-1	4/7/2017	11:56:00 AM	CED-13	ECA	TV	OPO	30	19,083
P00366679-1	4/7/2017	11:56:04 AM	SWI-17	ECC	TV	OTF	6	7,382
P00366683-1	4/7/2017	11:56:40 AM	KNO-13	ECA	TV	OCO	149	59,734
P00366569-1	4/7/2017	11:58:08 AM	PIP-22	EBI	TV	OCO	2	969
P00366695-1	4/7/2017	11:59:37 AM	PAN-12	EBJ	TV	OCO	1	71
P00366698-1	4/7/2017	12:00:40 PM	LTA-18	ECA	TV	OCO	1,043	252,753
P00366700-1	4/7/2017	12:01:11 PM	ROC-26	ECC	EF	OFU	77	71,134
P00366709-1	4/7/2017	12:04:00 PM	MCA-13	ECC	TV	OTF	9	11,093
P00366724-1	4/7/2017	12:07:59 PM	PAN-12	EBJ	TV	OCO	7	444
P00366726-1	4/7/2017	12:08:16 PM	LON-26	ECC	TV	OFU	18	6,943
P00366645-1	4/7/2017	12:13:19 PM	VAS-13	EBL	TV	OPO	35	4,776
P00366746-1	4/7/2017	12:14:58 PM	MCA-15	ECC	TV	OCO	327	115,071
P00366751-1	4/7/2017	12:17:14 PM	ROC-17	ECC	TV	OCO	-	-
P00366760-1	4/7/2017	12:23:32 PM	KCR-16	EBJ	TV	OCO	5	1,571
P00366762-1	4/7/2017	12:24:44 PM	MIR-15	EBF	TV	OTF	5	791
P00366765-1	4/7/2017	12:25:45 PM	LWS-16	EBJ	TV	OFU	4	304
P00366815-1	4/7/2017	12:30:30 PM	MIR-13	EBF	TV	OFC	143	27,294
P00366807-1	4/7/2017	12:46:45 PM	PAN-13	EBJ	TF	OCO	6	153
P00366817-1	4/7/2017	12:52:25 PM	SAH-15	EBD	TV	OFU	236	25,236
P00366720-1	4/7/2017	12:53:06 PM	FNW-13	ECD	TV	OCO	5	1,230
P00366838-1	4/7/2017	12:58:39 PM	SHA-13	ECA	TV	OCO	416	134,382
P00366839-1	4/7/2017	12:59:16 PM	ELD-27	ECC	TV	OCO	58	65,621
P00366845-1	4/7/2017	12:59:50 PM	LYO-12	EBJ	TV	OSV	5	348
P00367731-1	4/7/2017	12:59:50 PM	MCA-13	ECC	TV	OFU	7	7,627
P00366842-1	4/7/2017	1:00:02 PM	KAP-15	ECA	EF	OFC	2	1,802
P00366857-1	4/7/2017	1:09:31 PM	UHL-23	EBD	TV	OFU	1	113
P00366860-1	4/7/2017	1:12:15 PM	TIL-22	ECA	TV	OFU	27	6,919
P00366861-1	4/7/2017	1:12:56 PM	AIR-23	ECC	TV	OCO	7	10,640
P00366716-1	4/7/2017	1:14:10 PM	SOO-25	EBI	TV	OTF	2	643
P00366865-1	4/7/2017	1:14:25 PM	RAI-11	ECC	TV	OCO	58	24,175
P00366868-1	4/7/2017	1:14:59 PM	SBE-26	EBE	TV	OFU	188	32,067
P00366720-2	4/7/2017	1:20:28 PM	FNW-13	ECD	TV	OCO	26	530
P00366935-1	4/7/2017	1:39:43 PM	LMC-27	EBE	TV	OCO	2	707
P00366645-1	4/7/2017	1:41:03 PM	VAS-13	EBL	TV	OPO	61	19,947
P00366945-1	4/7/2017	1:46:45 PM	PRI-23	ECC	TV	OFU	3	2,073
P00366946-1	4/7/2017	1:47:53 PM	CLV-15	EAD	TV	OCO	30	8,481
P00366949-1	4/7/2017	1:49:28 PM	BLU-17	ECC	TV	OCO	145	5,877
P00367405-1	4/7/2017	1:52:25 PM	PRI-23	ECC	TV	OFU	54	45,665
P00366959-1	4/7/2017	1:55:43 PM	YEL-27	ECC	TV	OFU	1	555
P00366970-1	4/7/2017	2:02:30 PM	CPV-15	EAD	TV	OFU	32	2,976

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00367026-1	4/7/2017	2:07:27 PM	CRE-12	EAD	TV	OCO	79	12,274
P00367209-1	4/7/2017	2:19:38 PM	LON-26	ECC	EF	OCO	193	60,770
P00366998-1	4/7/2017	2:21:45 PM	LMC-23	EBE	TV	OCO	39	21,064
P00366999-1	4/7/2017	2:23:31 PM	BHS-14	EAA	TV	OCO	27	3,654
P00367015-1	4/7/2017	2:26:55 PM	VAS-13	EBL	TV	OPO	1,890	238,679
P00366834-1	4/7/2017	2:27:56 PM	NRU-25	EBE	TV	OCO	10	2,433
P00367019-1	4/7/2017	2:29:25 PM	BHS-13	EAA	EF	OSV	1	61
P00367023-1	4/7/2017	2:32:19 PM	CUS-13	EAA	TV	OCO	10	7,367
P00367030-1	4/7/2017	2:35:22 PM	GRV-15	ECA	TV	OFU	10	5,394
P00367045-1	4/7/2017	2:44:37 PM	COT-15	EBD	TV	OCO	1,291	128,691
P00367056-1	4/7/2017	2:53:48 PM	WAY-13	EBD	UN	OCO	4,167	571,895
P00367059-1	4/7/2017	2:57:40 PM	ING-15	EBD	TV	OCO	94	15,115
P00367060-1	4/7/2017	3:00:47 PM	SKI-13	EBD	TV	OSV	1	248
P00367064-1	4/7/2017	3:03:06 PM	FRA-16	ECD	TV	OFU	54	3,902
P00367067-1	4/7/2017	3:04:36 PM	KAP-16	ECA	TV	OSV	1	239
P00367073-1	4/7/2017	3:09:49 PM	TOL-15	EBD	TV	OTF	1	208
P00367082-1	4/7/2017	3:10:59 PM	WAY-12	EBD	TV	OCO	984	320,003
P00367033-1	4/7/2017	3:17:12 PM	BLA-13	EAA	TV	OCO	59	22,499
P00367090-1	4/7/2017	3:17:36 PM	VAS-12	EBL	TV	OTF	1	210
P00367102-1	4/7/2017	3:18:37 PM	CTR-25	EBJ	EF	OPO	1	677
P00367112-1	4/7/2017	3:37:45 PM	AIR-26	ECC	TV	OFU	19	2,216
P00367113-1	4/7/2017	3:37:53 PM	PLG-13	ECC	TV	OCO	26	16,374
P00367129-1	4/7/2017	3:51:53 PM	MOT-14	ECC	TV	OCO	1	1,351
P00367141-1	4/7/2017	3:55:33 PM	PRI-23	ECC	TV	OTF	1	399
P00366149-1	4/7/2017	3:58:17 PM	UHL-22	EBD	SO	USV	-	-
P00367153-1	4/7/2017	4:03:54 PM	CRE-13	EAD	TV	SCB	2,003	153,596
P00367168-1	4/7/2017	4:13:30 PM	THO-13	EBH	EF	USV	1	439
P00366256-1	4/7/2017	4:14:15 PM	ROC-15	ECC	TV	OCO	1,004	71,066
P00367170-1	4/7/2017	4:15:17 PM	BLA-13	EAA	TV	OFU	166	11,429
P00367177-1	4/7/2017	4:17:19 PM	RHO-15	ECA	TV	OFU	1	360
P00367182-1	4/7/2017	4:23:22 PM	FRU-22	ECA	TV	OSV	1	327
P00367190-1	4/7/2017	4:33:05 PM	CLV-16	EAD	TV	OFU	44	498
P00367212-1	4/7/2017	4:52:51 PM	LOL-23	ECD	TV	OCO	44	7,820
P00367213-1	4/7/2017	4:52:53 PM	TIL-25	ECA	TV	OCO	3	1,460
P00367231-1	4/7/2017	5:02:15 PM	SEM-15	EAA	TV	OCO	178	64,777
P00367125-1	4/7/2017	5:03:58 PM	HAN-16	EAA	AC	USV	1	366
P00367249-1	4/7/2017	5:09:40 PM	COT-15	EBD	TV	OCO	1,291	130,175
P00367253-1	4/7/2017	5:14:45 PM	HAZ-16	EBE	TV	OFU	11	971
P00367259-1	4/7/2017	5:18:55 PM	NNO-15	EBJ	OD	OFU	82	5,684
P00367266-1	4/7/2017	5:22:07 PM	BON-16	ECA	TV	OSV	1	233
P00367270-1	4/7/2017	5:22:33 PM	CLY-27	EBE	TV	OFU	4	1,101
P00367274-1	4/7/2017	5:23:25 PM	SLA-16	EAA	TV	OSV	1	236

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00367275-1	4/7/2017	5:23:26 PM	DUV-15	EBD	TV	OFU	9	2,885
P00367297-1	4/7/2017	5:25:00 PM	LON-25	ECC	TV	OCO	177	54,061
P00367284-1	4/7/2017	5:27:31 PM	FLD-12	EAD	TV	OCO	2	879
P00367285-1	4/7/2017	5:27:45 PM	BCH-13	EAA	UN	OJU	268	108,433
P00367301-1	4/7/2017	5:32:39 PM	PGA-13	ECE	TV	OCR	1,208	275,527
P00367305-1	4/7/2017	5:32:39 PM	CPV-15	EAD	TV	OCO	32	10,124
P00367311-1	4/7/2017	5:36:01 PM	SME-12	EBE	TV	OFU	44	12,315
P00367310-1	4/7/2017	5:37:18 PM	PTR-16	EAA	TV	OFU	14	2,258
P00367314-1	4/7/2017	5:39:24 PM	SLA-16	EAA	OD	OFU	11	1,588
P00367315-1	4/7/2017	5:41:33 PM	GRI-13	ECC	TV	OCO	35	8,223
P00367322-1	4/7/2017	5:45:15 PM	MLK-15	EBE	TV	OCO	24	3,884
P00367329-1	4/7/2017	5:48:28 PM	POU-15	ECE	TV	OCO	348	125,460
P00367343-1	4/7/2017	5:49:08 PM	SWD-13	ECE	TV	OCO	-	18,379
P00367332-1	4/7/2017	5:49:27 PM	HAN-16	EAA	EF	OTF	2	21
P00367335-1	4/7/2017	5:49:48 PM	FAB-15	EAD	EF	UFJ	211	78,004
P00367340-1	4/7/2017	5:52:21 PM	MIL-17	ECE	EF	OCO	337	36,708
P00367348-1	4/7/2017	5:55:28 PM	BAR-17	ECC	TV	OCO	11	11,903
P00367354-1	4/7/2017	5:57:42 PM	GBK-15	EAD	UN	OHR	539	23,420
P00367383-1	4/7/2017	6:04:47 PM	LMC-27	EBE	TV	OCO	129	30,866
P00367407-1	4/7/2017	6:10:04 PM	SUM-21	EAC	EF	OCO	305	140,396
P00367428-1	4/7/2017	6:21:04 PM	VAS-13	EBL	TV	OFU	40	3,664
P00367430-1	4/7/2017	6:21:07 PM	SWD-11	ECE	TV	OFU	25	3,578
P00367439-1	4/7/2017	6:22:57 PM	SWD-13	ECE	TV	OCR	394	235,453
P00367442-1	4/7/2017	6:27:41 PM	SHA-13	ECA	TV	OCO	1	132
P00367446-1	4/7/2017	6:30:24 PM	BRW-15	EAC	TV	UTC	13	1,791
P00367449-1	4/7/2017	6:33:10 PM	AIR-26	ECC	TV	OCO	1	1,099
P00367454-1	4/7/2017	6:34:08 PM	AVO-17	EBD	TV	OCO	265	22,984
P00367451-1	4/7/2017	6:34:44 PM	SLA-16	EAA	TV	OCO	112	57,185
P00367456-1	4/7/2017	6:37:08 PM	PMA-16	ECE	TV	OCO	5	2,996
P00367458-1	4/7/2017	6:38:16 PM	MAN-16	ECD	TV	OTF	4	308
P00367459-1	4/7/2017	6:38:33 PM	WLS-15	EAC	UN	OFU	87	7,523
P00367464-1	4/7/2017	6:41:29 PM	NNO-15	EBJ	OD	OFU	27	1,067
P00367474-1	4/7/2017	6:49:57 PM	GAR-16	ECA	EF	OTR	1	227
P00367483-1	4/7/2017	6:55:16 PM	WLS-16	EAC	TV	OCO	16	9,754
P00367488-1	4/7/2017	6:58:07 PM	OVE-15	EBE	FI	OTF	2	600
P00367489-1	4/7/2017	6:58:58 PM	AIR-26	ECC	TV	OTF	1	886
P00367491-1	4/7/2017	6:59:54 PM	LYN-26	EAA	TV	OFU	633	159,400
P00367504-1	4/7/2017	7:03:26 PM	LLT-16	EBD	TV	OPO	557	166,155
P00367523-1	4/7/2017	7:06:07 PM	CHI-12	ECD	TV	OCO	4	2,664
P00367530-1	4/7/2017	7:08:37 PM	CUS-16	EAA	TV	OPO	666	96,921
P00367707-1	4/7/2017	7:11:55 PM	CHI-12	ECD	TV	OFU	-	461
P00367533-1	4/7/2017	7:11:58 PM	CRE-15	EAD	EF	OTF	1	339

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00367535-1	4/7/2017	7:12:05 PM	BCH-16	EAA	UN	OFU	30	10,329
P00367536-1	4/7/2017	7:13:18 PM	CPV-15	EAD	EF	OFU	24	7,953
P00367548-1	4/7/2017	7:22:05 PM	BLU-17	ECC	TV	OCO	1	1,394
P00367558-1	4/7/2017	7:30:01 PM	MCK-15	EAA	TV	OCO	54	40,902
P00367629-1	4/7/2017	7:32:10 PM	VIS-23	EAA	EF	OFC	7	3,936
P00367564-1	4/7/2017	7:33:25 PM	ALG-15	EAC	UN	OHR	406	69,954
P00367614-1	4/7/2017	7:38:18 PM	CPV-15	EAD	EF	OCR	377	158,939
P00367580-1	4/7/2017	7:39:30 PM	VWY-12	EAA	TV	OCO	121	86,269
P00367585-1	4/7/2017	7:43:01 PM	NUG-25	EAA	TV	OFU	113	22,447
P00367560-1	4/7/2017	8:00:43 PM	NNO-15	EBJ	OD	OFU	29	1,059
P00367616-1	4/7/2017	8:03:57 PM	SIN-24	ECD	TV	OFU	29	2,012
P00367617-1	4/7/2017	8:04:13 PM	ING-13	EBD	EF	OCR	3	98
P00367618-1	4/7/2017	8:06:53 PM	KIN-24	ECE	TV	OFU	1,251	17,555
P00367624-1	4/7/2017	8:10:22 PM	CHA-15	ECC	TV	OSV	1	1,173
P00367708-1	4/7/2017	8:13:51 PM	CHI-12	ECD	TV	OCN	1	169
P00367630-1	4/7/2017	8:23:43 PM	HOL-12	ECA	TV	OPO	1	182
P00367634-1	4/7/2017	8:34:43 PM	PRI-13	ECC	TV	OCO	4	4,251
P00367636-1	4/7/2017	8:36:28 PM	CUS-13	EAA	OD	OFU	105	30,915
P00367639-1	4/7/2017	8:39:32 PM	NOR-26	EBD	UN	OTF	11	1,711
P00367640-1	4/7/2017	8:39:51 PM	KIT-26	EBH	EF	UPC	2	750
P00367643-1	4/7/2017	8:49:21 PM	LON-23	ECC	TV	OTF	3	2,586
P00367296-1	4/7/2017	8:50:20 PM	SLA-16	EAA	OD	OFU	12	264
P00367648-1	4/7/2017	9:01:36 PM	PGA-13	ECE	TV	OFU	6	863
P00367650-1	4/7/2017	9:02:50 PM	HOL-15	ECA	TV	UTC	2	371
P00367671-1	4/7/2017	9:18:13 PM	LAC-17	ECC	TV	OFU	1	230
P00367678-1	4/7/2017	9:41:15 PM	HOL-15	ECA	EF	OTF	7	341
P00367706-1	4/7/2017	9:41:51 PM	CHI-12	ECD	TV	OCO	2	162
P00367698-1	4/7/2017	9:46:24 PM	LON-25	ECC	TV	OJU	-	5,782
P00367701-1	4/7/2017	10:53:05 PM	HLC-25	EAD	EF	OFC	36	3,396
P00367709-3	4/7/2017	11:01:00 PM	LUH-17	ECC	TV	OCO	19	18,566
P00367709-1	4/7/2017	11:01:32 PM	LUH-17	ECC	TV	OCO	19	18,556
P00367231-1	4/7/2017	11:07:55 PM	SEM-15	EAA	TV	OCO	172	86,741
P00367714-1	4/7/2017	11:25:50 PM	DUV-15	EBD	TV	OCO	9	1,360
11300628	4/7/2017	11:45:01 PM	LMC-27	EBF	EF	OFC	4	132
P00367082-1	4/7/2017	11:55:00 PM	WAY-12	EBD	TV	OCO	2	34,594

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

Bellevue PATCH

Puget Sound Wind Storm: Power Outages, Downed Trees Reported Across Region

Trees are coming down, and power outages are spreading, as Puget Sound gets hammered by a strong wind storm.

By Neal McNamara (Patch Staff) - Updated April 7, 2017 10:15 pm ET

BELLEVUE, WA - A strong wind storm swept through the Puget Sound area for much of the day Friday, downing trees and leaving thousands without power. Wind gusts reached 60-plus MPH in some parts of the state - and an astonishing 102 MPH at Crystal Mountain, according to the National Weather Service.

Thousands of Puget Sound Energy customers were left without power between Bellingham and Lakewood. Parts of Bonney Lake - around the south end of Lake Tapps - were without power for much of the day Friday. On top of that, there were scattered outages in Bellevue, Issaquah, Renton, Lakewood, and Kirkland.

Close to 6 p.m., about 7,000 people in the Rainier Beach-Skyway area in south Seattle lost power due to a downed tree. Power was restored to all but about 1,000 customers by 7 p.m.

Meanwhile, there were reports of downed trees from Bonney Lake to Bellevue to Bothell.

A Bellevue house was severely damaged by a falling tree around 11 a.m. Friday, about three hours before peak winds were set to hit. Thankfully, no one was injured in Bellevue, according to the fire department. The damaged home is located along the 2400 block of 161st Avenue Southeast in the Phantom Lake area.

In Bothell, a tree came down across a road and hit a car, but the occupants escaped with just scratches. Puyallup closed all its city parks, and Seattle closed a portion of Seward Park.

Winds gusts were picking up around the region by 9 a.m. Friday. The strongest gusts could hit up to 60 MPH in the Seattle area, and around 50 MPH in the Tacoma area.

The National Weather Service had measured gusts in excess of 40 MPH around Puget Sound.

12 Hour Peak Winds (mph)			
Crystal Mountain	S 102	Hurricane Ridge Raws	S 83
Destruction Island	S 76	Hoquiam Airport	SE 66
Mount Baker	W 64	Lopez Island	SE 62
White Pass Nwac	SW 61	Westport Tide Gauge	S 60
Whidbey Island NAS	S 59	Cape Elizabeth Buoy	S 58
Smith Island	E 56	5 S Lacey	SW 55
Olympia Airport	S 54	Quillayute Airport	S 54
JBLM	S 53	Tacoma Narrows Airport	S 53
Ft. Lewis	S 53	1 SSE Ocean Shores	SW 53
2 WSW Coupeville	SE 52	Sandy Pt. Shores	SE 52
Normandy Park	S 51	Nw Decatur Is. Beach	S 51
Port Townsend Nos Tide	E 49	SeaTac Airport	S 47
Hein Bank Buoy	SE 47	Point Robinson	S 47
Ellis Mountain	S 47	Renton Airport	S 47
Lakewood	SW 46	Friday Harbor Airport	SE 46
Chehalis Centralia	S 46	Tenino	SW 45
Indianola	S 45	Port Townsend	S 44

data valid as of Fri 2:19 pm - NWS Seattle