



## **2018 Qualifying Events Report**

January 27, 2018 Event

Filed on April 27, 2018

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## Event Description

### Event Date and Time

Start: 1/27/2018, 10:00

End: 1/28/2018, 12:00

### Event Type

Wind

### Service Areas Significantly Affected

Thurston and Kitsap Counties

### Number of Customers Affected

System wide, approximately 38,117 customers were without power during the course of this event.

### Summary of System Impacts

Total Number of Outages for the Event	136
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Transmission Lines Affected	1
Substations Offline	2

### Mobilization Summary

#### Operating Bases Placed In Emergency Status

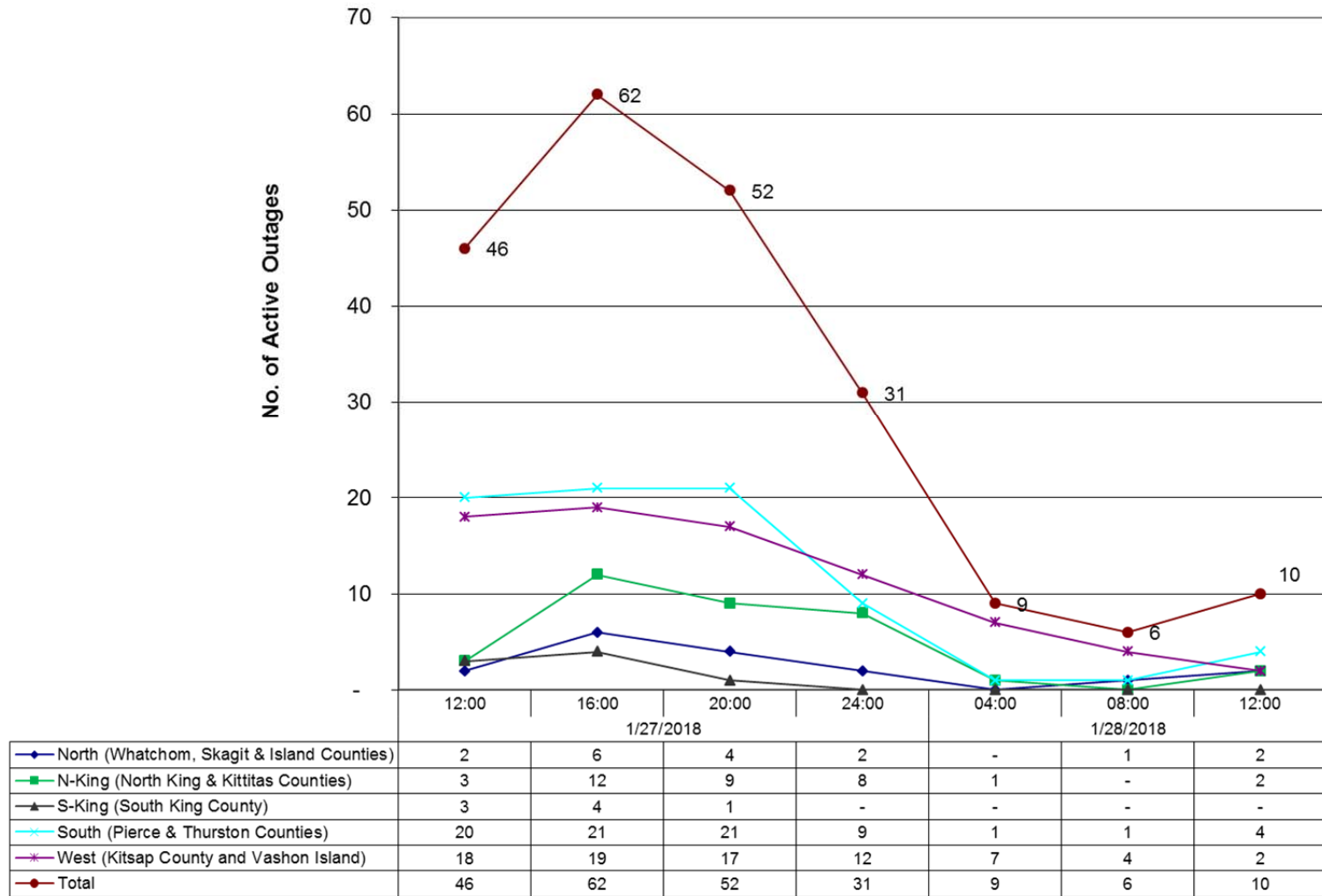
Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom/Skagit/Island	N/A	N/A	N/A	N/A
North King	N/A	N/A	N/A	N/A
South King	N/A	N/A	N/A	N/A
Pierce	N/A	N/A	N/A	N/A
Thurston	1/27/2018	12:15	1/28/2018	4:30
Kitsap	N/A	N/A	N/A	N/A
Vashon Island	N/A	N/A	N/A	N/A
Kittitas	N/A	N/A	N/A	N/A

#### Emergency Coordination Center (ECC)

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

**Active Outage Event Chart**

**IEEE Qualifying Storm Event by PSE Electric Service Center Area  
No. of Active Outages - Jan. 27, 2018, 10:00 to Jan. 28, 2018, 12:00**



**Time (Four-Hour Period) and Date**

## Major Event Day – Qualification

### IEEE<sup>1</sup> 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 SAIDI<sup>2</sup> 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 2018: 6.73 Minutes**

### Qualified Events - 2018

#### Current Event – Calculation Detail

Event Date, Time Range	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
1/27/2018, 10:00 – 01/28/2018, 12:00	8,095,570	1,143,164	7.08

#### Daily SAIDI Detail YTD

#### First Day that Daily SAIDI Exceeded PSE's TMED of 6.73 Minutes by Qualifying Event

Date	Daily SAIDI (from midnight to midnight)	Total O&M <sup>3</sup> Costs
1/27/2018	7.62	\$448,490

<sup>1</sup> IEEE: Institute of Electrical and Electronics Engineers

<sup>2</sup> SAIDI: System Average Interruption Duration Index

<sup>3</sup> O&M: Operations and Maintenance

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**Event Restoration – YTD Cost Summary**
**2018 Restoration Costs Detail by Qualifying Event**

<b>Event Date</b>	<b>Qualified Events Deferred Account</b>	<b>Capital Costs</b>	<b>O&amp;M Costs Not Deferrable</b>	<b>O&amp;M Costs Deferrable Accumulation</b>	<b>Total O&amp;M Costs</b>	<b>Total Costs</b>
1/27/2018	\$0	\$50,154	\$448,490	\$0	\$448,490	\$498,644

**2018 YTD Storm Restoration Costs Detail**

<b>Qualifying Events Deferred Account</b>	<b>Capital Costs</b>	<b>O&amp;M Costs - Not Deferrable</b>	<b>O&amp;M Costs - Deferrable Accumulation</b>	<b>Total O&amp;M Costs</b>	<b>Total Costs</b>
\$0	\$50,154	\$448,490	\$0	\$448,490	\$498,644

**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**

<b>Puget Sound Energy</b>						
<b>January 27, 2018 IEEE Qualifying Event Restoration Costs</b>						
	Qualifying Events Deferred Account	Capital Costs	O&M Costs - Not Deferrable	O&M Costs - Deferrable Accumulation	Total O&M Costs	Total Costs
Labor						
ST	\$0	\$0	\$1,321	\$0	\$1,321	\$1,321
OT	\$0	\$0	\$54,263	\$0	\$54,263	\$54,263
Total Labor	\$0	\$0	\$55,583	\$0	\$55,583	\$55,583
Labor OH	\$0	\$0	\$0	\$0	\$0	\$0
Materials	\$0	\$14,977	\$9,789	\$0	\$9,789	\$24,766
Contractors	\$0	\$26,275	\$349,873	\$0	\$349,873	\$376,148
Other Direct Charges	\$0	\$0	\$1,845	\$0	\$1,845	\$1,845
Fleet	\$0	\$0	\$0	\$0	\$0	\$0
Other Assessments	\$0	\$8,903	\$31,400	\$0	\$31,400	\$40,302
Deferred Expenses		\$0	\$0	\$0	\$0	\$0
	\$0	\$50,154	\$448,490	\$0	\$448,490	\$498,644



### Detailed List of Outages – 1/27/2018, First T<sub>MED</sub>-Exceeding Day

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00427889-1	1/27/2018	12:03:43 AM	NOR-26	EBD	SO	UEL	2	86
P00427891-1	1/27/2018	2:54:04 AM	GWR-16	EBI	TV	OCO	45	26,488
P00427895-1	1/27/2018	4:06:14 AM	HLC-24	EAD	EF	OFC	78	14,538
P00427897-1	1/27/2018	4:41:37 AM	RPT-15	ECD	TV	OCO	12	3,227
P00427901-1	1/27/2018	5:15:37 AM	NHL-13	EBD	EF	OTF	5	456
P00427898-1	1/27/2018	5:47:24 AM	ZEN-26	EBJ	AC	UPT	1	676
P00427900-1	1/27/2018	6:27:25 AM	CHI-12	ECD	TV	OCN	6	459
P00427902-1	1/27/2018	6:38:42 AM	BUC-16	ECA	TV	OFU	10	860
P00427906-1	1/27/2018	7:19:42 AM	KAP-16	ECA	TV	OTF	2	188
P00427908-1	1/27/2018	7:43:28 AM	BHS-11	EAA	EF	OJU	3	213
P00427909-1	1/27/2018	8:00:15 AM	HOB-15	EBI	TV	OCO	17	2,008
P00427910-1	1/27/2018	8:24:31 AM	RHO-16	ECA	TV	OTF	1	48
P00427911-1	1/27/2018	8:26:02 AM	SIL-15	ECE	TV	OCO	13	1,949
P00427930-1	1/27/2018	8:31:34 AM	ELD-27	ECC	TV	OTR	202	267,423
P00427913-1	1/27/2018	8:33:37 AM	ELD-27	ECC	TV	OCO	-	48,909
P00427919-1	1/27/2018	8:44:12 AM	PRI-13	ECC	TV	OCO	217	38,445
P00428281-1	1/27/2018	9:03:03 AM	ELD-23	ECC	TV	OTR	6	28,512
P00425582-1	1/27/2018	9:07:43 AM	MUR-17	ECE	SO	OFU	65	18,244
P00427931-1	1/27/2018	9:10:24 AM	FRA-15	ECD	TV	OCO	137	19,829
P00427936-1	1/27/2018	9:17:54 AM	PTR-14	EAA	TV	OCO	10	3,293
P00427980-1	1/27/2018	9:20:19 AM	ELD-27	ECC	TV	OSV	4	3,766
P00428151-1	1/27/2018	9:20:50 AM	GRI-13	ECC	TV	OPO	35	70,711
P00427940-1	1/27/2018	9:29:13 AM	PTR-14	EAA	TV	OCO	66	8,493
P00428566-1	1/27/2018	9:31:14 AM	ELD-27	ECC	TV	OCO	15	21,661
P00427953-1	1/27/2018	9:35:00 AM	GRI-13	ECC	TV	OCO	19	20,976
P00427954-1	1/27/2018	9:37:00 AM	LUH-15	ECC	TV	OCO	9	7,930
P00427955-1	1/27/2018	9:38:26 AM	FNW-17	ECD	TV	OCO	20	34,633
P00427956-1	1/27/2018	9:40:51 AM	SOO-25	EBI	TV	OSV	1	204
P00427960-1	1/27/2018	9:43:46 AM	LGY-16	EAD	EF	OTF	1	209
P00428146-1	1/27/2018	9:45:00 AM	ELD-27	ECC	TV	OFU	37	2,798
P00427961-1	1/27/2018	9:45:16 AM	HAW-11	ECC	EF	OCB	893	230,796
P00427965-1	1/27/2018	9:48:29 AM	LGY-12	EAD	TV	OCO	27	3,500
P00427969-1	1/27/2018	9:49:53 AM	PTR-14	EAA	TV	OCO	120	13,016
P00427971-1	1/27/2018	9:51:29 AM	ELD-27	ECC	TV	OFU	22	7,292
P00427974-1	1/27/2018	9:54:55 AM	PRI-13	ECC	TV	OCO	201	31,068
P00428095-1	1/27/2018	10:01:00 AM	TLN-0018	ECC	TV	OCO	-	903,078
P00428042-1	1/27/2018	10:01:00 AM	TLN-0018	ECC	TV	OCO	5,184	36,288
P00427987-1	1/27/2018	10:01:03 AM	SIN-23	ECD	TV	OCO	7	8,545
P00427988-1	1/27/2018	10:01:36 AM	LWS-15	EBJ	TV	OCO	5	625

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00428015-1	1/27/2018	10:02:00 AM	GRI-13	ECC	TV	OCO	844	268,195
P00428040-1	1/27/2018	10:05:54 AM	FNW-16	ECD	TV	OCO	132	9,597
P00428043-1	1/27/2018	10:07:43 AM	WIN-15	ECE	TV	OCO	27	17,206
P00427947-1	1/27/2018	10:09:25 AM	FNW-16	ECD	TV	OCO	1,344	131,719
P00428087-1	1/27/2018	10:12:10 AM	MUR-13	ECE	TV	OCO	1,499	403,869
P00428101-1	1/27/2018	10:20:07 AM	MUR-15	ECE	TV	OCO	70	53,626
P00428102-1	1/27/2018	10:20:43 AM	TRA-22	ECE	TV	OCO	31	27,241
P00428108-1	1/27/2018	10:27:35 AM	ELD-25	ECC	TV	OCO	10	8,969
P00428111-1	1/27/2018	10:28:37 AM	LUH-15	ECC	TV	OCO	845	203,603
P00428114-1	1/27/2018	10:31:43 AM	LOL-25	ECD	TV	OCO	30	21,087
P00428121-1	1/27/2018	10:36:00 AM	LAC-17	ECC	TV	OAR	6	5,371
P00428125-1	1/27/2018	10:38:26 AM	PRI-13	ECC	TV	OCO	58	39,714
P00428124-1	1/27/2018	10:39:52 AM	BRO-15	EAD	EF	OTR	1	783
P00428143-1	1/27/2018	10:41:00 AM	TLN-0235	ECC	TV	OCO	3,265	274,260
P00428144-1	1/27/2018	10:45:00 AM	PLG-13	ECC	TV	OCO	18	12,496
P00428157-1	1/27/2018	10:52:03 AM	LOL-23	ECD	TV	OPO	29	10,141
P00428163-1	1/27/2018	11:01:53 AM	CHI-12	ECD	TV	OCO	14	18,011
P00428164-1	1/27/2018	11:02:44 AM	LOL-23	ECD	TV	OFU	46	8,482
P00427927-1	1/27/2018	11:05:22 AM	ELD-23	ECC	OD	OCO	75	25,858
P00428174-1	1/27/2018	11:06:23 AM	FRA-16	ECD	TV	OCO	22	6,325
P00428181-1	1/27/2018	11:08:20 AM	ROC-16	ECC	TV	OCO	5	2,478
P00428580-1	1/27/2018	11:13:55 AM	BAR-15	ECC	TV	OTR	1	890
P00428445-1	1/27/2018	11:14:01 AM	ELD-25	ECC	TV	OCO	36	24,037
P00428405-1	1/27/2018	11:17:00 AM	ELD-27	ECC	TV	OCO	77	12,955
P00428199-1	1/27/2018	11:19:17 AM	MUR-15	ECE	TV	OTR	36	23,978
P00428201-1	1/27/2018	11:20:20 AM	ING-15	EBD	TV	OCO	47	19,492
P00428204-1	1/27/2018	11:21:02 AM	VAS-12	EBL	TV	OCO	7	1,480
P00428206-1	1/27/2018	11:22:30 AM	MLK-13	EBE	TV	OCO	143	12,880
P00428210-1	1/27/2018	11:24:18 AM	BIG-15	EAC	TV	OCO	178	78,919
P00428212-1	1/27/2018	11:25:15 AM	FNW-17	ECD	TV	OTR	4	8,128
P00428213-1	1/27/2018	11:27:23 AM	SHE-25	ECE	TV	OCO	766	189,721
P00428214-1	1/27/2018	11:27:41 AM	SIN-24	ECD	TV	OCO	1,815	353,955
P00428215-1	1/27/2018	11:27:42 AM	TAN-13	ECC	TV	OSV	1	710
P00428231-1	1/27/2018	11:29:00 AM	PAT-15	ECC	TV	OTR	4	3,312
P00428244-1	1/27/2018	11:30:26 AM	FRA-15	ECD	TV	OTR	1,333	134,551
P00428093-1	1/27/2018	11:37:18 AM	GLC-15	EBJ	TV	OCR	5	2,113
P00428252-1	1/27/2018	11:39:09 AM	VAS-13	EBL	TV	OCO	37	2,929
P00428253-1	1/27/2018	11:39:21 AM	PAT-15	ECC	TV	OCO	41	21,022
P00428255-1	1/27/2018	11:41:48 AM	BTR-22	EBE	EF	OTF	4	285
P00428158-1	1/27/2018	11:42:55 AM	BON-15	ECA	TV	OCO	2	122
P00428277-1	1/27/2018	11:45:28 AM	GWR-13	EBI	TV	OCO	85	60,221
P00428270-1	1/27/2018	11:55:54 AM	ROC-25	ECC	TV	OCO	780	124,163

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00428269-1	1/27/2018	11:56:20 AM	FNW-17	ECD	TV	OTR	3	1,669
P00428272-1	1/27/2018	11:57:00 AM	FRG-25	ECC	TV	OFU	35	26,210
P00428604-1	1/27/2018	11:59:07 AM	ELD-27	ECC	TV	OCO	54	20,916
P00428278-1	1/27/2018	12:01:57 PM	OVE-15	EBE	EF	OCO	53	15,470
P00428292-1	1/27/2018	12:11:06 PM	NBO-26	EBD	TV	OCO	1,362	231,359
P00428299-1	1/27/2018	12:16:00 PM	RIT-17	EAC	EF	OCO	33	2,768
P00428308-1	1/27/2018	12:19:49 PM	MWD-15	EBE	TV	OCO	36	4,788
P00428304-1	1/27/2018	12:25:24 PM	RPT-15	ECD	TV	OSV	1	215
P00428310-1	1/27/2018	12:33:13 PM	SBE-26	EBE	TV	OFU	24	1,548
P00428315-1	1/27/2018	12:34:30 PM	LOL-21	ECD	TV	OCO	335	170,331
P00428333-1	1/27/2018	12:44:37 PM	MER-13	EBE	TV	OFU	105	16,303
P00428556-1	1/27/2018	12:45:15 PM	ROC-16	ECC	TV	OFU	5	4,594
P00428443-1	1/27/2018	12:50:41 PM	SME-12	EBE	UN	OCO	236	55,341
P00428345-1	1/27/2018	12:52:06 PM	PRI-13	ECC	TV	OFU	99	2,412
P00428346-1	1/27/2018	12:52:29 PM	WIS-12	EBF	TV	OPO	373	157,453
P00428351-1	1/27/2018	12:53:51 PM	LOC-22	EBE	TV	OCO	80	10,942
P00428352-1	1/27/2018	12:55:29 PM	BOW-26	EBJ	UN	USC	1	95
P00428355-1	1/27/2018	12:56:32 PM	LOL-23	ECD	TV	OCO	14	12,874
P00428362-1	1/27/2018	12:58:17 PM	WOL-22	ECC	EF	UPS	5,617	2,495,981
P00428371-1	1/27/2018	1:00:35 PM	ELD-26	ECC	TV	OCO	45	23,410
P00428375-1	1/27/2018	1:04:42 PM	KWH-26	EBE	TV	UTC	147	15,413
P00428381-1	1/27/2018	1:08:33 PM	ELD-26	ECC	TV	OCO	34	17,243
P00428557-1	1/27/2018	1:09:07 PM	FAL-13	EBF	TV	OCO	5	3,249
P00428385-1	1/27/2018	1:12:13 PM	HLC-23	EAD	TV	OCO	1,116	25,627
P00428394-1	1/27/2018	1:17:23 PM	FRA-15	ECD	TV	OCO	307	153,158
P00428411-1	1/27/2018	1:28:54 PM	CRE-15	EAD	TV	OCO	4	1,723
P00428419-1	1/27/2018	1:31:54 PM	SME-15	EBE	TV	OCO	26	10,153
P00428437-1	1/27/2018	1:49:18 PM	FAL-15	EBF	TV	OCO	22	10,933
P00428447-1	1/27/2018	2:00:48 PM	ROC-17	ECC	TV	OCO	41	12,300
P00428463-1	1/27/2018	2:17:13 PM	COT-15	EBD	TV	OSV	1	185
P00428474-1	1/27/2018	2:23:35 PM	VIC-16	EBJ	UN	USC	1	112
P00428475-1	1/27/2018	2:23:59 PM	COL-26	EBE	TV	OCO	40	5,985
P00428479-1	1/27/2018	2:26:43 PM	SNQ-17	EBF	TV	OCO	6	1,777
P00428483-1	1/27/2018	2:30:46 PM	MWD-15	EBE	TV	OCO	4	328
P00428514-1	1/27/2018	2:48:22 PM	SEQ-15	EBJ	EF	OCO	2	220
P00428424-1	1/27/2018	2:49:46 PM	PET-15	EAC	TV	OCO	1	9
P00428518-1	1/27/2018	2:51:10 PM	BRO-16	EAD	TV	OSV	3	231
P00428519-1	1/27/2018	2:51:15 PM	KWH-26	EBE	UN	OFU	147	30,086
P00428530-1	1/27/2018	2:58:58 PM	HLC-23	EAD	TV	OHR	579	32,935
P00428547-1	1/27/2018	3:00:00 PM	BIG-15	EAC	SO	OSV	1	17
P00428535-1	1/27/2018	3:02:59 PM	GRI-16	ECC	TV	OCO	12	237,532
P00428539-1	1/27/2018	3:07:58 PM	HLC-23	EAD	EF	OJU	1,116	184,365

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00428095-1	1/27/2018	3:09:43 PM	TLN-0018	ECC	TV	OCO	2,989	(1)
P00428559-1	1/27/2018	3:35:53 PM	FRA-15	ECD	TV	OCO	23	1,209
P00428353-2	1/27/2018	3:42:39 PM	BIG-15	EAC	EF	OCR	410	100,066
P00428567-1	1/27/2018	3:51:30 PM	SHD-18	EBI	EF	OTF	2	191
P00428244-3	1/27/2018	4:21:20 PM	FRA-15	ECD	TV	OCO	14	2,354
P00428589-1	1/27/2018	4:21:36 PM	HYA-15	EBF	OD	OFU	2	984
P00428607-1	1/27/2018	5:09:28 PM	RDO-15	EBJ	VA	OCN	2	203
P00428609-1	1/27/2018	5:10:06 PM	MUR-13	ECE	EF	OCN	6	3,324
P00428621-1	1/27/2018	5:30:20 PM	CED-15	ECA	EF	OTF	2	207
11363768	1/27/2018	6:03:00 PM	GRI-13	ECC	TV	OCO	2	1,150
P00428264-2	1/27/2018	6:38:10 PM	MER-16	EBE	OD	OCO	1,280	49,174
P00428594-1	1/27/2018	7:54:37 PM	MSI-25	EBF	TV	OCO	22	610
P00428685-1	1/27/2018	7:59:14 PM	WOL-26	ECC	EF	OCO	294	48,249

### Terms, Codes and Definitions Used on Detail Reports

<b>Notification (NUMBER)</b>	A number assigned by SAP, identifying the outage record	
<b>Date (DATE)</b>	The date of the outage	
<b>Time (TIME)</b>	The time of the outage	
<b>Circuit (CKT)</b>	The circuit identifier for the affected circuit	
<b>Area (MPG)</b>	<b>Maintenance Planner Group</b> 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	
<b>Cause (CAZ)</b>	<b>Cause of Outage</b>	
	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	
<b>Equipment (EQT)</b>	<b>Affected by, or involved in the outage</b>	
	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	
<b>CUST OUT (CUST.OUT)</b>	<b>Customer Out</b> , The number of customers without power for any given outage record	
<b>CUST MIN (CUST. MIN)</b>	<b>Customer Minutes</b> , The total number of minutes customers were without power for any given record	

## Media & Communication Coverage



### **Winds topple trees, knock out power in Western Washington Thousands of residents were without power after strong winds blew through Western Washington Saturday morning.**

Author: KING 5

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Thousands of homes in Western Washington were without electricity Saturday after strong winds blew through the area.

In Mason County, a power outage affected over 9,500 customers. And at the height of the outages, Puget Sound Energy says 17,000 customers were without power. The outages stretched from the Olympia area to Point Roberts, just south of Vancouver, British Columbia.

In Tacoma, strong wind toppled a large tree onto a house in the 600 block of South 6th Avenue. No one was injured, but a restaurant next door was damaged.

Crews on scene of a large deciduous tree that fell on a house in the 700 blk South 6th Ave. House was occupied at the time, but fortunately no injuries to report. Hob Nob restaurant next door also suffered minor utility damage.

Winds brought down trees in the north end of King County, as well as on I-90 in Bellevue.

In Seattle, winds also whipped up waves along Alki Beach in West Seattle.

And near Gig Harbor, winds created rough waters for kayakers off Raft Island Saturday morning.

Homeowners called 911 and a neighbor with a boat two rescue kayakers in trouble. The two were pulled to safety aboard the rescue boat, and emergency crews at the scene transported one of the kayakers, a female, to the hospital. Both kayakers were determined to be OK.

Winds to calm down Sunday

Winds will be breezy Sunday, but not nearly as windy as Saturday. Look for southerly winds between 10-20 mph with gusts up to 25 mph. A warm front moves through Sunday but won't pack as much of a punch as Saturday. Temperatures will top out in the low-to-mid 50s, and the snow level will rise to 5,000 feet.