

## **2020 Qualifying Events Report**

January 13, 2020 Event

Filed on April 10, 2020



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## Table of Contents

<b>Table of Contents .....</b>	<b>2</b>
<b>Event Description .....</b>	<b>3</b>
<b>Event Date and Time.....</b>	<b>3</b>
<b>Event Type .....</b>	<b>3</b>
<b>Summary of System Impacts .....</b>	<b>3</b>
<b>Mobilization Summary .....</b>	<b>3</b>
<b>Major Event Day – Qualification .....</b>	<b>4</b>
<b>Qualified Events - 2020 Current Event – Calculation Detail .....</b>	<b>4</b>
<b>Daily SAIDI Detail YTD .....</b>	<b>4</b>
<b>Event Restoration – YTD Cost Summary .....</b>	<b>5</b>
<b>2020 Restoration Costs Detail by Qualifying Event.....</b>	<b>5</b>
<b>2020 YTD Storm Restoration Costs Detail .....</b>	<b>5</b>
<b>Detail Documents .....</b>	<b>6</b>
<b>Terms, Codes and Definitions Used on Detail Reports.....</b>	<b>13</b>
<b>Media &amp; Communication Coverage .....</b>	<b>14</b>

## Event Description

### Event Date and Time

Start: 1/13/2020, 02:45

End: 1/18/2020, 15:00

### Event Type

Snow

### Service Areas Significantly Affected

Kitsap County and the east King County.

### Number of Customers Affected

System wide, approximately 103,018 customers were without power during the course of this event.

### Summary of System Impacts

Total Number of Outages for the Event	573
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Transmission Lines Affected	24
Impacted Substations	17

### Mobilization Summary

#### Operating Bases Placed In Emergency Status

Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom/Skagit	N/A			
Island	N/A			
North King	1/13/2020	13:00	1/17/2020	22:00
South King	N/A			
Pierce	N/A			
Thurston	N/A			
Kitsap	1/13/2020	09:30	1/14/2020	01:00
Vashon Island	N/A			
Kittitas	N/A			

#### Emergency Coordination Center (ECC)

	Date Opened	Time Opened	Date Closed	Time Closed
ECC	1/15/2020	18:30	1/16/2020	10:30

## 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
- 8.

**Puget Sound Energy's IEEE Major Event Threshold ( $T_{MED}$ ) for 2020: 6.31 Minutes**

#### Qualified Events - 2020 Current Event – Calculation Detail

Event Date, Time Range	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
1/13/2020, 02:45 – 1/18/2020, 15:00	22,301,033	1,176,257	18.96

#### Daily SAIDI Detail YTD

**First Day that Daily SAIDI Exceeded PSE's TMED of 6.31 Minutes by Qualifying Event**

Date	Daily SAIDI (from midnight to midnight)	Total O&M <sup>3</sup> Costs
1/13/2020	10.25	\$6,017,132

<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

### Event Restoration – YTD Cost Summary

Starting from the 2018 calendar year, PSE continues its existing Qualifying Storm Loss Deferral Mechanism for any storm restoration costs incurred on or after January 1, 2018, with the following modifications that were agreed to in settlement and the settlement was approved by the Commission in PSE's 2017 general rate case :

- (i) the cumulative annual cost threshold for deferral of storms under the Qualifying Storm Loss Deferral Mechanism shall be increased from \$8 million to \$10 million,
  - (ii) qualifying events that cost less than \$500,000 will not qualify for deferral, and
  - (iii) the cumulative annual cost threshold for the Qualifying Storm Loss Deferral Mechanism shall exclude storm events with costs less than \$500,000.
- (Page 22 of Appendix B to Order 08 in consolidated Dockets UE-170033 and UG-170034)

#### 2020 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 Costs
1/13/2020	\$0	\$470,754	\$0	\$6,017,132	\$6,017,132	\$6,487,887

#### 2020 YTD Storm Restoration Costs Detail

Qualifying Events Deferred Account	Capital Costs	O&M Costs - Not Deferrable	O&M Costs - Deferrable Accumulation	Total O&M Costs	Total Costs
\$0	\$470,754	\$0	\$6,017,132	\$6,017,132	\$6,487,887

**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 13, 2020- Qualifying Storm Damage Repair Costs</b>							
	Qualifying Events		O&M -			Total O&M	Total
	Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation			
Labor							
ST	\$ -	\$ 10	\$ -	\$ 48,029	\$ 48,029	\$ 48,040	
OT	\$ -	\$ 324	\$ -	\$ 476,677	\$ 476,677	\$ 477,001	
Total Labor	<u>\$ -</u>	<u>\$ 335</u>	<u>\$ -</u>	<u>\$ 524,706</u>	<u>\$ 524,706</u>	<u>\$ 525,041</u>	
Labor OH	\$ -	\$ 100,789	\$ -	\$ -	\$ -	\$ 100,789	
Materials	\$ -	\$ 76,026	\$ -	\$ 116,032	\$ 116,032	\$ 192,058	
Contractors	\$ -	\$ 292,135	\$ -	\$ 5,016,170	\$ 5,016,170	\$ 5,308,305	
Other Direct Charges	\$ -	\$ -	\$ -	\$ 95,637	\$ 95,637	\$ 95,637	
Fleet	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Assessments	\$ -	\$ 1,468	\$ -	\$ 264,587	\$ 264,587	\$ 266,055	
Deferred Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	<u>\$ -</u>	<u>\$ 470,754</u>	<u>\$ -</u>	<u>\$ 6,017,132</u>	<u>\$ 6,017,132</u>	<u>\$ 6,487,887</u>	

ST: Standard time

OT: Over time

OH: Overhead

**Detailed List of Outages – 1/13/2020, First TMED-Exceeding Day**

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00587805-1	1/13/2020	12:02:41 AM	POU-15	ECE	TV	OCO	12	13,039
P00587214-1	1/13/2020	12:11:53 AM	COT-15	EBD	TV	OCO	21	6,228
P00587549-1	1/13/2020	12:19:15 AM	PMA-16	ECE	TV	OCO	764	434,576
P00587219-1	1/13/2020	12:22:03 AM	SWD-12	ECE	TV	OCO	107	53,445
P00587221-1	1/13/2020	12:22:51 AM	MIL-16	ECE	TV	OFU	2	1,914
P00587226-1	1/13/2020	12:29:23 AM	MIL-23	ECE	TV	OCO	34	64,872
P00587227-1	1/13/2020	12:34:38 AM	CHR-22	ECE	TV	OCO	338	48,649
P00587229-1	1/13/2020	12:41:34 AM	MIL-23	ECE	UN	OSV	1	1,442
P00587232-1	1/13/2020	12:47:05 AM	SWD-14	ECE	TV	OCO	1,369	361,498
P00587249-1	1/13/2020	12:55:07 AM	TOL-15	EBD	TV	OCO	65	51,576
P00587253-1	1/13/2020	12:58:28 AM	CHR-25	ECE	TV	OCO	183	10,364
P00587254-1	1/13/2020	1:00:43 AM	SWD-13	ECE	TV	OCO	146	93,730
P00587258-1	1/13/2020	1:01:14 AM	ALG-15	EAA	TV	OCO	114	74,385
P00587563-1	1/13/2020	1:04:11 AM	SWD-12	ECE	TV	OCO	68	50,602
P00587261-1	1/13/2020	1:06:34 AM	MIL-17	ECE	TV	OCO	174	39,928
P00587600-1	1/13/2020	1:08:31 AM	CHR-23	ECE	TV	OCO	-	299,389
P00587276-1	1/13/2020	1:16:57 AM	SKE-26	ECE	TV	OCO	36	28,852
P00587466-1	1/13/2020	1:25:02 AM	TLN-0283	ECE	TV	OCO	-	783,941
P00588165-1	1/13/2020	1:25:35 AM	COT-13	EBD	TV	OCO	667	448,650
P00588267-1	1/13/2020	1:37:43 AM	MIL-23	ECE	TV	OCO	33	50,820
P00587288-1	1/13/2020	1:45:39 AM	SWD-12	ECE	TV	OCO	2	2,614
P00587293-1	1/13/2020	1:50:31 AM	HWD-25	EBD	TV	OCO	437	36,591
P00587453-1	1/13/2020	1:52:28 AM	TLN-0089	ECE	TV	OCO	-	121,730
P00587551-1	1/13/2020	1:54:03 AM	PMA-13	ECE	TV	OCO	938	806,258
P00587561-1	1/13/2020	1:58:33 AM	KIN-25	ECE	TV	OCO	9	11,368
P00587306-1	1/13/2020	2:05:00 AM	CPV-15	EAD	TV	OCO	68	10,898
P00587317-1	1/13/2020	2:19:47 AM	WLS-16	EAC	TV	OCO	790	147,677
P00587755-1	1/13/2020	2:29:03 AM	DUV-13	EBD	TV	OCO	1,281	587,082
P00587552-1	1/13/2020	2:31:51 AM	PMA-12	ECE	TV	OCO	960	686,643
P00587553-1	1/13/2020	2:49:17 AM	MUR-13	ECE	TV	OCO	1,040	398,611
P00588013-1	1/13/2020	2:49:46 AM	PMA-12	ECE	TV	OCO	14	10,901
P00587550-1	1/13/2020	2:49:48 AM	PMA-15	ECE	TV	OCO	-	478,389
P00587555-1	1/13/2020	2:50:18 AM	MUR-16	ECE	TV	OCO	-	142,018
P00587554-1	1/13/2020	2:50:21 AM	MUR-15	ECE	TV	OCO	-	168,313
P00587557-1	1/13/2020	2:51:50 AM	MUR-17	ECE	TV	OCO	-	428,510
P00587458-1	1/13/2020	2:55:05 AM	DUV-12	EBD	TV	OCO	60	111,829
P00588166-1	1/13/2020	3:01:02 AM	PMA-13	ECE	TV	OCO	14	9,898
P00587513-1	1/13/2020	3:09:39 AM	SKE-26	ECE	TV	OCO	21	12,732
P00587201-1	1/13/2020	3:11:36 AM	DUV-16	EBD	TV	OCO	38	1,222



NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00587515-1	1/13/2020	3:12:52 AM	POU-16	ECE	TV	OCO	217	135,504
P00587092-2	1/13/2020	3:27:01 AM	HAP-16	EAA	TV	OCO	-	75,641
P00587534-1	1/13/2020	3:37:32 AM	KNM-26	EBD	TV	OSV	1	468
P00587537-1	1/13/2020	3:39:55 AM	DUV-12	EBD	TV	OCO	58	43,783
P00587201-1	1/13/2020	3:51:54 AM	DUV-16	EBD	TV	OCO	38	239
P00587541-1	1/13/2020	3:54:10 AM	MIL-23	ECE	TV	OCO	33	43,003
P00587582-1	1/13/2020	3:59:15 AM	LLT-17	EBD	TV	OFU	16	5,095
P00587543-1	1/13/2020	3:59:38 AM	SWD-13	ECE	TV	OCR	13	10,821
P00587544-1	1/13/2020	4:10:55 AM	MIL-22	ECE	TV	OCO	15	9,313
P00587548-1	1/13/2020	4:44:10 AM	WIN-12	ECE	TV	OCO	4,742	866,081
P00587556-1	1/13/2020	4:49:13 AM	LLT-17	EBD	TV	OCO	-	12,335
P00585042-3	1/13/2020	4:51:51 AM	SWD-12	ECE	SO	OSW	27	8,347
P00587559-1	1/13/2020	4:54:36 AM	KIN-22	ECE	TV	OCO	1,015	115,761
P00587558-1	1/13/2020	4:55:14 AM	DUV-12	EBD	TV	OTR	3	4,386
P00587261-1	1/13/2020	5:00:00 AM	MIL-17	ECE	TV	OCO	170	49,865
P00587564-1	1/13/2020	5:04:22 AM	HWD-25	EBD	TV	OCO	437	24,297
P00586723-2	1/13/2020	5:06:51 AM	GAR-13	ECA	EF	OCO	154	3,760
P00587569-1	1/13/2020	5:21:12 AM	FAL-16	EBF	TV	OCO	137	114,018
P00587572-1	1/13/2020	5:25:17 AM	WAB-13	EBI	EF	USC	1	235
P00588063-1	1/13/2020	5:33:42 AM	PMA-12	ECE	TV	OCO	2	1,423
P00586723-2	1/13/2020	5:34:05 AM	GAR-13	ECA	EF	OCO	154	2,454
P00587580-1	1/13/2020	5:43:18 AM	CPV-15	EAD	TV	UPC	79	2,917
P00587586-1	1/13/2020	5:59:54 AM	LLT-16	EBD	TV	OFU	45	6,804
P00587511-1	1/13/2020	6:00:00 AM	TLN-0089	ECE	TV	OCO	2,111	(1)
P00587453-1	1/13/2020	6:00:34 AM	TLN-0089	ECE	TV	OCO	1,410	(1)
P00587647-1	1/13/2020	6:02:00 AM	TLN-0136	ECE	TV	OCO	-	588,128
P00588283-1	1/13/2020	6:02:06 AM	SWD-12	ECE	TV	OCO	209	142,325
P00587634-1	1/13/2020	6:05:56 AM	LLT-17	EBD	TV	OSV	4	1,591
P00587654-1	1/13/2020	6:17:01 AM	TOL-17	EBD	TV	OCO	16	7,521
P00586983-1	1/13/2020	6:48:16 AM	HAP-16	EAA	TV	OCR	376	22,178
P00587668-1	1/13/2020	6:49:39 AM	MAN-15	ECD	TV	OCO	1,664	359,396
P00587763-1	1/13/2020	6:55:33 AM	POU-13	ECE	TV	OCO	4	1,177
P00587672-1	1/13/2020	6:56:36 AM	LLT-17	EBD	TV	OCO	2	1,727
P00587691-1	1/13/2020	7:27:36 AM	NLM-16	EAC	EF	OTF	1	342
P00587967-1	1/13/2020	7:28:21 AM	PMA-12	ECE	TV	OCO	24	38,400
P00586983-1	1/13/2020	7:47:35 AM	HAP-16	EAA	TV	OCR	628	41,029
P00587707-1	1/13/2020	7:52:00 AM	POU-13	ECE	TV	OFU	32	8,991
P00587726-1	1/13/2020	8:09:21 AM	DUV-12	EBD	TV	OFU	27	13,875
P00587882-1	1/13/2020	8:13:11 AM	COT-13	EBD	TV	OCO	88	118,854
P00587759-1	1/13/2020	8:39:27 AM	RAI-12	ECC	EF	OCO	200	57,703

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00587767-1	1/13/2020	8:55:49 AM	MIL-23	ECE	UN	OTF	1	863
P00587770-1	1/13/2020	8:56:40 AM	POU-16	ECE	TV	OSV	3	983
P00587779-1	1/13/2020	9:07:37 AM	LGY-16	EAD	TV	OFU	9	1,714
P00587794-1	1/13/2020	9:26:40 AM	COT-13	EBD	TV	OCO	5	4,041
P00587798-1	1/13/2020	9:27:53 AM	SWD-12	ECE	TV	OCO	-	4,859
P00587803-1	1/13/2020	9:31:38 AM	BAK-25	EAA	EF	USV	3	737
P00587054-1	1/13/2020	9:35:36 AM	ALG-15	EAA	TV	OCO	1	55
P00587813-1	1/13/2020	9:47:18 AM	COT-13	EBD	TV	OCO	20	11,999
P00587814-1	1/13/2020	9:48:57 AM	WOB-23	EAA	TV	OCO	16	2,022
P00587817-1	1/13/2020	9:52:03 AM	FAL-16	EBF	EF	OCO	16	11,060
P00587830-1	1/13/2020	10:02:36 AM	WOB-23	EAA	TV	OCO	5	3,047
P00587832-1	1/13/2020	10:03:50 AM	WIS-16	EBF	EF	UTR	1	842
P00587190-2	1/13/2020	10:06:20 AM	LLT-13	EBD	TV	OCO	61	4,997
P00587844-1	1/13/2020	10:11:07 AM	LLT-16	EBD	TV	OCO	51	4,834
P00588383-1	1/13/2020	10:16:08 AM	HWD-25	EBD	TV	OCO	2	1,107
P00587881-1	1/13/2020	10:40:32 AM	WIN-15	ECE	TV	OHR	811	44,941
P00587889-1	1/13/2020	10:43:42 AM	LLT-16	EBD	TV	OFU	37	7,467
P00587904-1	1/13/2020	10:47:48 AM	DUV-13	EBD	TV	OCO	31	16,154
P00587906-1	1/13/2020	10:48:39 AM	NOR-25	EBD	TV	OCO	35	37,934
P00587913-1	1/13/2020	10:49:30 AM	COT-13	EBD	TV	OCO	1,572	271,782
P00587930-1	1/13/2020	10:54:00 AM	LLT-16	EBD	TV	OCO	6	3,154
P00587945-1	1/13/2020	10:54:39 AM	MIL-17	ECE	TV	OCO	16	7,350
P00587935-1	1/13/2020	11:02:34 AM	HAM-15	EAC	TV	OCO	15	2,080
P00587944-1	1/13/2020	11:09:10 AM	NBO-22	EBD	TV	OCO	1	1,717
P00587969-1	1/13/2020	11:41:40 AM	CHR-22	ECE	TV	OCO	28	11,661
P00587977-1	1/13/2020	11:47:13 AM	BKB-15	EAC	EF	OTF	2	167
P00587981-1	1/13/2020	11:49:49 AM	GWR-16	EBI	EF	UPC	138	34,353
P00588020-1	1/13/2020	12:00:00 PM	DUV-13	EBD	TV	OCO	11	5,542
P00588028-1	1/13/2020	12:05:43 PM	DUV-12	EBD	TV	OSV	1	465
P00588032-1	1/13/2020	12:06:53 PM	MIL-16	ECE	TV	OCO	5	6,346
P00587113-1	1/13/2020	12:10:04 PM	GWR-16	EBI	TV	OCO	183	(1)
P00588041-1	1/13/2020	12:31:03 PM	COT-16	EBD	TV	OCO	8	24,013
P00588042-1	1/13/2020	12:34:13 PM	COT-16	EBD	TV	OCO	13	9,102
P00588054-1	1/13/2020	12:40:53 PM	LLT-16	EBD	TV	OFU	95	12,276
P00587928-1	1/13/2020	12:45:43 PM	BAR-16	ECC	EF	UPT	1	331
P00588065-1	1/13/2020	12:53:47 PM	BHL-12	ECE	TV	OCO	180	53,862
P00588091-1	1/13/2020	1:14:30 PM	KAP-16	ECA	TV	OCO	6	2,704
P00588098-1	1/13/2020	1:17:37 PM	COT-16	EBD	TV	OCO	1,141	712,421
P00588100-1	1/13/2020	1:20:39 PM	COT-15	EBD	TV	OCO	21	10,094
P00588101-1	1/13/2020	1:25:18 PM	CHR-23	ECE	TV	OCO	127	18,083

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00588117-1	1/13/2020	1:40:39 PM	SWD-12	ECE	TV	OCO	476	76,033
P00588118-1	1/13/2020	1:41:50 PM	HWD-25	EBD	TV	OCO	5	3,691
P00587690-1	1/13/2020	1:48:33 PM	DUV-12	EBD	TV	OCO	57	25,919
P00588131-1	1/13/2020	1:57:10 PM	PAT-15	ECC	EF	OTF	3	263
P00588147-1	1/13/2020	2:20:32 PM	PMA-12	ECE	TV	OCO	69	32,021
P00588151-1	1/13/2020	2:24:20 PM	SEQ-15	EBJ	EF	USC	1	220
P00588154-1	1/13/2020	2:25:26 PM	PMA-12	ECE	TV	OCO	14	2,883
P00587744-2	1/13/2020	2:39:52 PM	MHT-16	EBJ	EF		3	810
P00588187-1	1/13/2020	2:55:44 PM	MED-36	EBE	EF	USV	1	1,115
P00588189-1	1/13/2020	2:56:54 PM	COT-13	EBD	TV	OCO	125	48,640
P00588205-1	1/13/2020	3:01:50 PM	COT-13	EBD	TV	OTR	2	1,579
P00588209-1	1/13/2020	3:05:01 PM	BUC-26	ECA	EF	OTF	2	392
P00588223-1	1/13/2020	3:10:00 PM	LLT-16	EBD	TV	OCO	205	98,816
P00588237-1	1/13/2020	3:22:01 PM	CHR-25	ECE	TV	OCO	183	8,888
P00588262-1	1/13/2020	3:39:00 PM	NRU-25	EBE	EF	USV	1	448
P00588263-1	1/13/2020	3:39:30 PM	PMA-12	ECE	TV	OCO	1	293
P00587923-2	1/13/2020	3:49:09 PM	LYN-24	EAA	AC	OPO	11	6,866
P00588272-1	1/13/2020	3:51:30 PM	SKE-23	ECE	TV	OCO	11	3,227
P00587981-1	1/13/2020	3:59:00 PM	GWR-16	EBI	EF	UPC	95	26,239
P00588278-1	1/13/2020	4:02:32 PM	SCH-13	EAA	EF	OJU	1	48
P00588397-1	1/13/2020	4:04:30 PM	DUV-13	EBD	TV	OTR	1	1,543
P00588279-1	1/13/2020	4:12:30 PM	COT-13	EBD	TV	OSV	1	669
P00588286-1	1/13/2020	4:21:31 PM	PMA-13	ECE	TV	OCO	148	17,656
P00588288-1	1/13/2020	4:23:21 PM	SWD-12	ECE	TV	OCO	44	5,930
P00588150-1	1/13/2020	4:32:26 PM	PLG-17	ECC	UN	UTC	1	62
P00588321-1	1/13/2020	4:52:55 PM	POU-15	ECE	TV	OCO	46	9,875
P00587943-1	1/13/2020	5:04:22 PM	MIL-16	ECE	TV	OCO	9	1,549
P00588327-1	1/13/2020	5:09:49 PM	BHS-14	EAA	EF	OTF	1	93
P00588301-1	1/13/2020	5:33:48 PM	BAR-13	ECC	EF	UPC	1	333
P00588346-1	1/13/2020	5:46:53 PM	LAU-13	EAA	EF	UPT	21	3,710
P00588348-1	1/13/2020	5:50:19 PM	PMA-12	ECE	EF	UPC	18	7,482
P00588352-1	1/13/2020	5:54:59 PM	PMA-16	ECE	TV	OCO	10	1,033
P00588358-1	1/13/2020	6:01:37 PM	KEN-12	EAA	TV	OCO	1,470	135,883
P00588362-1	1/13/2020	6:05:46 PM	SCH-13	EAA	EF	OSW	5	1,331
P00588367-1	1/13/2020	6:15:42 PM	LLT-13	EBD	TV	OSV	4	1,795
P00588372-1	1/13/2020	6:26:47 PM	CLR-15	EBH	EF	OTF	1	175
P00588138-1	1/13/2020	6:35:49 PM	CHR-22	ECE	TV	OCO	12	5,633
P00588375-1	1/13/2020	6:36:03 PM	POU-15	ECE	EF	OTF	4	406
P00588380-1	1/13/2020	6:51:47 PM	WOO-27	ECA	EF	OFU	4	517
P00588388-1	1/13/2020	7:27:40 PM	NOR-25	EBD	TV	OSV	1	116

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NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00588392-1	1/13/2020	7:38:36 PM	VAS-22	EBL	EF	OTF	6	792
P00588394-1	1/13/2020	7:44:22 PM	BHL-12	ECE	TV	OCO	-	757
P00588399-1	1/13/2020	7:57:35 PM	LLT-16	EBD	TV	OCO	103	69,322
P00588245-1	1/13/2020	8:19:07 PM	PMA-12	ECE	TV	OCO	26	1,862
P00588223-2	1/13/2020	8:24:48 PM	LLT-16	EBD	TV	OCO	-	40,023
P00588415-1	1/13/2020	8:40:04 PM	KNM-27	EBD	TV	OSV	7	1,613
P00588422-1	1/13/2020	9:02:41 PM	COT-13	EBD	TV	OCO	26	6,417
P00588288-1	1/13/2020	9:29:48 PM	SWD-12	ECE	TV	OCO	44	3,447
P00588434-1	1/13/2020	9:35:05 PM	LYN-24	EAA	EF	OTF	5	825
P00588141-2	1/13/2020	10:25:23 PM	LLT-17	EBD	TV	OCO	9	520
P00588469-1	1/13/2020	10:54:53 PM	COT-13	EBD	TV	OCO	125	18,534

### 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

 Patch.com

### Freezing Temperatures, Lowland Snow Arrive In Western ...

SEATTLE, WA — Frigid air settled in Puget Sound Sunday evening, bringing ... Seattle Weather Blog (@KSeattleWeather) January 13, 2020 ... time on Westbound I-90 near Easton due to heavy weekend traffic and icy conditions. ... WA News16 Coronavirus Cases At Western State Hospital · Seattle, WA ... Jan 12, 2020

<https://patch.com/washington/seattle/updates-lowland-snow-frigid-temperatures-arrive-sunday-night>

 KUOW News and Information

### S'no snowmageddon in Seattle but expect more powder on ...

1-3 inches," said Gary Schnieder with the National Weather Service. ... The snow had troopers with the Washington State Patrol on high alert.

Jan 13, 2020

<https://www.kuow.org/stories/snow-across-seattle-region-disrupts-schools-strands-drivers-in-mountains>

 Seattle Times

### How it unfolded: Snow hits Puget Sound region Monday, more ...

Around 30 cars heading into Seattle were involved in multiple crashes on ... Washington State Department of Transportation (WSDOT) crews ... Stormy weather battered traffic in the mountain passes much of the weekend, and ...

Jan 13, 2020

<https://www.seattletimes.com/seattle-news/weather/several-inches-of-snow-in-parts-of-puget-sound-region-and-more-on-the-way/>

 Kirkland Reporter

### School canceled due to snow; Kirkland plows working to improve road...

Due to inclement weather, Lake Washington School District (LWSD) closed ... schools open for district-wide weather events, the website states.

Jan 13, 2020

<https://www.kirklandreporter.com/news/school-canceled-due-to-snow-kirkland-plows-working-to-improve-road-conditions/>

 KOMO New

### Snow, ice making for challenging Tuesday morning commute

After snow wreaked havoc across parts of Western Washington Sunday ... planning Monday for two-hour delays Tuesday, including Seattle and Everett Public Schools. ... A Winter Weather Advisory is in effect for the greater Puget Sound ... service levels should there be a sustained snow event this week."

...

Jan 13, 2020

<http://komonews.com/news/local/freezing-temperatures-could-complicate-commutes-tuesday-morning>

 Q13 FOX

### Weekend weather: Heavy snow hammers passes, Arctic blast arrives Sunday

SEATTLE -- We'll see several feet of mountain snow Friday through the weekend. Don't let Friday's mild temperatures near 40 fool you.

Jan 10, 2020

<https://q13fox.com/2020/01/10/weekend-weather-heavy-snow-hammers-passes-arctic-blast-arrives-sunday/>

 Bellingham Herald

### Friday's Whatcom forecast calls for more snow showers, and finally some weekend rain

... to the National Weather Service in Seattle and Randy Small of Lynden, who ... A National Weather Service station near Alger was reading 43 degrees at 1 ... with the lingering impacts of the snow event and the other half will be working to ... compact snow and ice on all state highways in Whatcom County.

Jan 16, 2020

<https://www.bellinghamherald.com/news/weather-news/article239354623.html>