

**2021 Qualifying Events Report**

December 25, 2021 Event

Filed on  
March 24, 2022



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### Event Description

#### Event Date and Time

Start: 12/25/2021, 15:30

End: 12/30/2021, 00:00

#### Event Type

Wind

#### Service Areas Significantly Affected

Whatcom, Skagit, Island Counties

#### Number of Customers Affected

System wide, approximately 52,527 customers were without power during the course of this event.

#### Summary of System Impacts

Total Number of Outages for the Event	427
Transmission Line Segments Affected	5
Impacted Substations	1

#### Mobilization Summary

##### Operating Bases Placed In Emergency Status

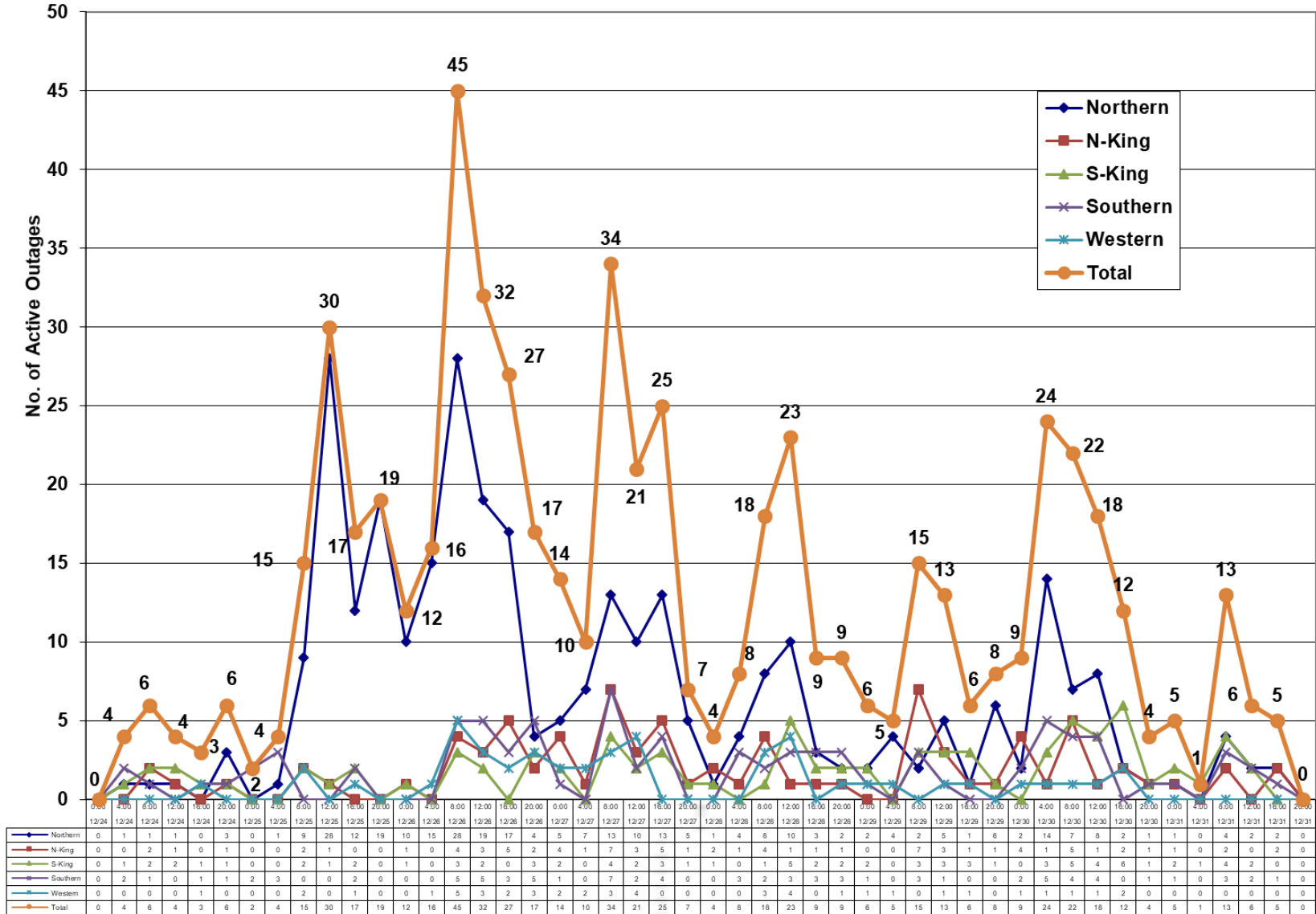
Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom	12/25/2021	19:00	12/28/2021	14:30
Skagit	12/25/2021	19:00	12/28/2021	14:30
Island	12/25/2021	19:00	12/28/2021	14:30
North King	N/A			
South King	N/A			
Pierce	N/A			
Thurston	N/A			
Kitsap	N/A			
Vashon	N/A			
Kittitas	N/A			

##### Emergency Coordination Center (ECC)

	Date Opened	Time Opened	Date Closed	Time Closed
ECC	12/26/2021	14:30	12/28/2021	05:30

Active Outages Chart

No. of Active Outages



**Major Event – Qualification Summary**

**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.

<p>IEEE Major Event Day Calculation (2.5 BETA METHOD)</p> <ol style="list-style-type: none"> <li>1. A threshold on daily SAIDI<sup>2</sup> is computed once a year, following year end</li> <li>2. Assemble the 5 most recent years of historical values of SAIDI/day</li> <li>3. Discard any days in the data set that has a SAIDI/day of zero</li> <li>4. Find the natural logarithm of each value in the data set</li> <li>5. Compute the average (Alpha) and the standard deviation (Beta) of the natural logarithms computed in step 4</li> <li>6. Compute the threshold T<sub>MED</sub> where T<sub>MED</sub> = exp (Alpha + 2.5 * Beta)</li> <li>7. Any day in the next year with SAIDI &gt; T<sub>MED</sub> is a major event day</li> </ol>
<p>Puget Sound Energy’s IEEE Major Event Threshold (T<sub>MED</sub> ) for 2021: 6.38 Minutes</p>

**Qualified Event - Calculation Detail - Current Event**

Event Date, Time Range	Total Outages	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
12/25/2021, 15:30 – 12/30/2021, 00:00	427	17,958,182	1,199,694	14.97

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

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

\* Update since last report

**YTD Qualified Events - First Day the Daily SAIDI Exceeded T<sub>MED</sub> of 6.38 Minutes**

Date	Daily SAIDI (from midnight to midnight)	Total O&M Costs
1/12/2021	54.72	\$20,351,703
2/13/2021	10.33	\$2,510,326
6/26/2021	7.60	\$1,977,858
9/17/2021	63.86	\$4,218,871
10/24/2021	53.89	\$7,412,135
11/9/2021	9.96	\$1,111,297
11/15/2021	99.80	\$8,753,049
12/11/2021	16.93	\$1,753,002
12/26/2021	7.21	\$2,837,806

**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)

**2021 Restoration Costs Detail - By Storm 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
(A)	(B)	(C)	(D)	(E)	(F) = (B)+(D)+(E)	(G)= (F) + (C)
1/12/21	\$10,351,703	\$3,528,755	\$0	\$10,000,000	\$20,351,703	\$23,880,457
2/11/21 <sup>Note</sup>	\$0	\$129,347	\$289,022	\$0	\$289,022	\$418,369
2/13/21	\$2,510,326	\$248,158	\$0	\$0	\$2,510,326	\$2,758,484
6/26/21	\$1,977,858	\$0	\$0	\$0	\$1,977,858	\$1,977,858
9/17/21	\$4,218,871	\$808,596	\$0	\$0	\$4,218,871	\$5,027,466
10/24/21	\$7,412,135	\$1,923,690	\$0	\$0	\$7,412,135	\$9,335,825
11/9/2021	\$1,111,297	\$246,565	\$0	\$0	\$1,111,297	\$1,357,863
11/14/2021	\$8,753,049	\$2,134,812	\$0	\$0	\$8,753,049	\$10,887,861
12/11/2021	\$1,753,002	\$38,078		\$-	\$1,753,002	\$1,791,080
12/25/2021	\$2,837,806	\$59,360	\$-	\$-	\$2,837,806	\$2,897,167

Note: 2/11/21 event is not a Qualifying Event. All costs associated with this event are not deferrable.

**2021 YTD Storm Restoration Cost Summary**

Qualifying Events Deferred Account	Capital Costs	O&M Costs - Not Deferrable	O&M Costs - Deferrable Accumulation	Total O&M Costs	Total Costs
\$40,926,049	\$9,117,361	\$289,022	\$10,000,000	\$51,215,071	\$60,332,432

## 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						
December 25 Qualifying Storm Damage Repair Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
ST	\$ -	\$ -		\$ 11,950	\$ 11,950	\$ 11,950
OT	\$ -	\$ -		\$ 280,329	\$ 280,329	\$ 280,329
Total Labor	\$ -	\$ -	\$ -	\$ 292,278	\$ 292,278	\$ 292,278
Labor OH	\$ -	\$ 1,135		\$ -	\$ -	\$ 1,135
Materials	\$ -	\$ 58,181		\$ 15,882	\$ 15,882	\$ 74,064
Contractors	\$ -	\$ -		\$ 2,387,473	\$ 2,387,473	\$ 2,387,473
Other Direct Charges	\$ -	\$ -		\$ 277	\$ 277	\$ 277
Fleet	\$ -	\$ -		\$ -	\$ -	\$ -
Other Assessments	\$ -	\$ 44		\$ 141,896	\$ 141,896	\$ 141,939
Deferred Expenses	\$ 2,837,806	\$ -		\$ -	\$ -	\$ -
	\$ 2,837,806	\$ 59,360	\$ -	\$ 2,837,806	\$ 2,837,806	\$ 2,897,167

ST: Standard time

OT: Over time

OH: Overhead



## Detailed List of Outages – First TMED-Exceeding Day

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00780499-1	12/26/2021	12:19:05 AM	BRI-14	EAA	TV	OCO	7	9,020
P00780500-1	12/26/2021	12:21:07 AM	HAM-13	EAC	TV	OCO	4	9,250
P00780502-1	12/26/2021	12:37:39 AM	JUA-14	EBD	EF	OCN	1	121
P00780504-1	12/26/2021	12:50:32 AM	TLN-0157	EBJ	UN	OCO	888	548,745
P00780508-1	12/26/2021	12:59:13 AM	VWY-15	EAA	TV	OFU	1	2,132
P00780509-1	12/26/2021	1:08:48 AM	ALG-15	EAA	TV	OCO	42	54,591
P00780510-1	12/26/2021	1:11:37 AM	WOB-23	EAA	TV	OCO	122	74,738
P00780512-1	12/26/2021	1:33:24 AM	ALG-15	EAC	TV	OFU	41	2,339
P00780514-1	12/26/2021	2:10:23 AM	HAN-15	EAA	EF	OFU	13	17,483
P00780526-1	12/26/2021	2:37:47 AM	KEN-12	EAA	TV	OCO	1,516	181,905
P00780527-1	12/26/2021	2:45:16 AM	NLM-16	EAC	TV	OCO	167	91,870
P00780549-1	12/26/2021	3:16:14 AM	LAU-12	EAA	EF	OJU	14	26,054
P00780555-1	12/26/2021	4:59:56 AM	CPV-15	EAD	TV	OCO	71	26,472
P00780559-1	12/26/2021	5:16:54 AM	GLA-12	EAA	TV	SCB	1,108	1,905,090
P00780612-1	12/26/2021	5:33:34 AM	KEN-12	EAA	EF	OFU	368	50,472
P00780595-1	12/26/2021	5:34:06 AM	BIG-12	EAC	TV	OCO	161	192,450
P00780560-1	12/26/2021	5:48:36 AM	KEN-12	EAA	EF	OFU	167	29,025
P00780567-1	12/26/2021	5:48:57 AM	HAN-13	EAA	TV	OPI	69	90,997
P00780569-1	12/26/2021	5:54:58 AM	ALG-15	EAC	TV	OCO	-	21,384
P00780570-1	12/26/2021	5:56:32 AM	ANA-15	EAC	EF	UFJ	48	94,951
P00780575-1	12/26/2021	6:04:23 AM	HAM-13	EAC	TV	OCO	20	5,482
P00780577-1	12/26/2021	6:18:38 AM	NLM-13	EAC	TV	OFU	2	49,635
P00780730-1	12/26/2021	6:43:14 AM	ALG-12	EAC	EF	OCO	109	22,610
P00780584-1	12/26/2021	6:43:17 AM	SCH-12	EAA	EF	OJU	2	1,766
P00780587-1	12/26/2021	6:48:48 AM	SWD-12	ECE	EF	UPC	1	2,105
P00780594-1	12/26/2021	7:29:15 AM	BIG-12	EAC	TV	OTR	26	13,113
P00781841-1	12/26/2021	7:42:20 AM	BIG-12	EAC	TV	OCO	5	10,841
P00780599-1	12/26/2021	7:47:02 AM	HAP-16	EAA	TV	OCO	30	19,339
P00780605-1	12/26/2021	8:16:14 AM	SLA-16	EAA	TV	OCO	30	28,171
P00780645-1	12/26/2021	8:32:52 AM	SKE-23	ECE	TV	OCO	111	30,834
P00780616-1	12/26/2021	8:40:26 AM	CUM-13	EBI	EF	OFU	115	16,928
P00780619-1	12/26/2021	8:42:40 AM	VWY-13	EAA	EF	OFU	13	7,476
P00780631-1	12/26/2021	8:54:29 AM	NBE-15	EBD	TV	OFU	1	2,945
P00780632-1	12/26/2021	8:57:57 AM	ALG-12	EAC	TV	OCO	24	22,740
P00780634-1	12/26/2021	8:59:04 AM	BRW-15	EAC	TV	OCO	46	61,621
P00780636-1	12/26/2021	9:00:25 AM	RIT-18	EAC	TV	OFU	39	57,487
P00780637-1	12/26/2021	9:01:47 AM	BRS-24	EAC	TV	OPO	485	501,894
P00780659-1	12/26/2021	9:22:08 AM	ROC-17	ECC	TV	OFU	10	1,030
P00780663-1	12/26/2021	9:23:26 AM	VIS-22	EAA	TV	OUS	12	9,799
P00780666-1	12/26/2021	9:33:26 AM	STW-16	ECA	EF	OCN	1	119
P00780668-1	12/26/2021	9:36:38 AM	BTN-36	EAC	TV	OCO	12	6,899
P00780671-1	12/26/2021	9:37:51 AM	NBO-26	EBD	EF	OFU	50	15,662
P00780674-1	12/26/2021	9:42:27 AM	SKY-25	EBD	EF	OFU	111	23,340
P00780487-1	12/26/2021	9:47:02 AM	HAM-13	EAC	TV	OCO	-	2,448
P00780676-1	12/26/2021	9:47:23 AM	HAM-13	EAC	TV	OFU	5	16,901

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00780680-1	12/26/2021	9:51:08 AM	KEN-12	EAA	TV	OTR	10	13,235
P00780681-1	12/26/2021	9:51:39 AM	KEN-12	EAA	EF	OFU	748	107,014
P00780688-1	12/26/2021	9:54:52 AM	RIT-18	EAC	TV	OSV	5	3,809
P00780689-1	12/26/2021	9:57:01 AM	WLS-16	EAC	TV	OCO	132	37,215
P00780703-1	12/26/2021	10:06:38 AM	NLM-12	EAC	TV	OCO	687	169,004
P00780704-1	12/26/2021	10:06:59 AM	SCH-13	EAA	EF	OFU	2	1,321
P00780705-1	12/26/2021	10:07:12 AM	ALG-12	EAC	TV	OCO	36	118,376
P00780706-1	12/26/2021	10:07:16 AM	BTN-36	EAC	TV	OCO	2	2,527
P00780808-1	12/26/2021	10:14:07 AM	FNW-17	ECD	EF	OHR	445	256,807
P00780766-1	12/26/2021	10:16:58 AM	MAN-16	ECD	TV	OCR	884	408,072
P00780788-1	12/26/2021	10:26:16 AM	LMC-23	EBD	TV	OCR	254	134,315
P00780784-1	12/26/2021	10:28:12 AM	BON-16	ECA	TV	OFU	48	8,558
P00780813-1	12/26/2021	10:37:25 AM	NLM-13	EAC	TV	OFU	78	47,523
P00780795-1	12/26/2021	10:38:05 AM	PMA-12	ECE	TV	OCO	55	24,910
P00780802-1	12/26/2021	10:45:57 AM	ALG-15	EAC	UN	OCO	39	29,630
P00780817-1	12/26/2021	11:11:43 AM	BRW-15	EAC	TV	OCO	160	77,928
P00780819-1	12/26/2021	11:20:19 AM	EAR-13	EBJ	EF	OAR	1	182
P00780826-1	12/26/2021	11:22:19 AM	PET-13	EAC	TV	OCO	1,220	193,661
P00780829-1	12/26/2021	11:29:01 AM	LGY-16	EAD	TV	OSV	1	192
P00780832-1	12/26/2021	11:30:47 AM	ALG-15	EAC	TV	OCO	207	52,369
P00780842-1	12/26/2021	11:33:57 AM	EPO-13	ECD	TV	OCO	54	44,749
P00780845-1	12/26/2021	11:39:53 AM	ORT-23	ECA	EF	OCO	3	9,269
P00780847-1	12/26/2021	11:41:56 AM	KEN-13	EAA	TV	OCO	349	350,314
P00780439-1	12/26/2021	11:43:22 AM	HAM-13	EAC	TV	OCO	2	139
P00780860-1	12/26/2021	11:48:40 AM	LAB-23	EAA	ND	OCO	1,052	114,089
P00780890-1	12/26/2021	11:53:26 AM	LAT-17	EBJ	FI	OSV	1	508
P00780891-1	12/26/2021	11:54:18 AM	ROC-16	ECC	TV	OHR	839	75,552
P00780910-1	12/26/2021	11:56:56 AM	BTN-36	EAC	TV	OCO	96	12,861
P00780914-1	12/26/2021	12:02:27 PM	FLD-13	EAD	EF	UPT	3	2,707
P00781071-1	12/26/2021	12:03:17 PM	WOB-23	EAA	EF	OFU	122	90,046
P00780920-1	12/26/2021	12:10:00 PM	SCH-13	EAA	TV	OFC	1	1,975
P00780930-1	12/26/2021	12:22:00 PM	AIR-22	ECC	EF	OFU	83	15,020
P00780932-1	12/26/2021	12:27:25 PM	ALG-15	EAC	TV	OCO	137	(1)
P00780938-1	12/26/2021	12:31:28 PM	MIL-23	ECE	TV	OCN	1	506
P00780942-1	12/26/2021	12:39:19 PM	BTN-35	EAC	TV	OCO	3	3,988
P00780950-1	12/26/2021	12:47:17 PM	NLM-13	EAC	TV	OCO	1	1,601
P00780952-1	12/26/2021	12:48:50 PM	ALG-12	EAC	TV	OSV	3	3,994
P00779965-2	12/26/2021	12:56:45 PM	RAI-12	ECC	TV	OCO	181	11,237
P00780958-1	12/26/2021	1:00:14 PM	MIL-17	ECE	TV	OPO	7	2,751
P00780961-1	12/26/2021	1:01:49 PM	ETN-15	EBH	EF	OSV	4	425
P00780962-1	12/26/2021	1:02:19 PM	SLA-17	EAA	TV	OFU	34	8,027
P00780964-1	12/26/2021	1:04:00 PM	CHI-12	ECD	TV	OCO	20	5,681
P00780966-1	12/26/2021	1:10:34 PM	RIT-16	EAC	EF	UPT	20	21,202
P00780967-1	12/26/2021	1:15:17 PM	NUG-26	EAA	TV	OFU	19	20,251
P00780970-1	12/26/2021	1:17:54 PM	SKY-25	EBD	TV	OFU	153	10,781
P00780975-1	12/26/2021	1:26:00 PM	WLK-15	ECA	TV	OFU	21	4,602
P00780980-1	12/26/2021	1:29:11 PM	MKI-17	ECC	EF	OSV	1	315

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00780987-1	12/26/2021	1:34:06 PM	PET-13	EAC	EF	UGF	135	221,411
P00780995-1	12/26/2021	1:44:46 PM	HAN-15	EAA	TV	OCO	12	19,904
P00780858-1	12/26/2021	1:53:25 PM	DES-15	EBJ	TV	OCO	47	6,848
P00781007-1	12/26/2021	1:57:10 PM	ELD-27	ECC	TV	OFU	38	8,402
P00781017-1	12/26/2021	2:13:15 PM	HAM-13	EAC	TV	OCO	9	5,429
P00781019-1	12/26/2021	2:15:43 PM	MIR-16	EBD	EF	UTR	3	1,557
P00781068-1	12/26/2021	3:10:55 PM	DUV-15	EBD	TV	OFU	153	97,443
P00781097-1	12/26/2021	3:39:34 PM	FLD-13	EAD	EF	OFU	53	12,067
P00781100-1	12/26/2021	3:40:14 PM	HAM-13	EAC	EF	OFU	33	39,753
P00781101-1	12/26/2021	3:40:25 PM	BTN-36	EAC	TV	OCO	23	23,066
P00781117-1	12/26/2021	3:52:46 PM	HAM-13	EAC	EF	OFU	67	43,812
P00781120-1	12/26/2021	3:54:00 PM	LYN-14	EAA	TV	OFU	3	3,287
P00781121-1	12/26/2021	3:55:26 PM	LYN-24	EAA	EF	OJU	16	22,073
P00780555-2	12/26/2021	4:00:45 PM	CPV-15	EAD	TV	OCO	1	80
P00781126-1	12/26/2021	4:01:58 PM	TRA-26	ECE	EF	USC	1	199
P00781129-1	12/26/2021	4:04:31 PM	KNM-26	EBD	EF	OCN	1	296
P00781143-1	12/26/2021	4:28:08 PM	HLC-25	EAD	EF	USV	1	1,174
P00781145-1	12/26/2021	4:29:31 PM	ELD-27	ECC	TV	OSV	1	144
P00781146-1	12/26/2021	4:30:48 PM	LAB-25	EAA	TV	OCO	4	6,639
P00781152-1	12/26/2021	4:35:00 PM	SCH-13	EAA	EF	UEL	12	17,183
P00781161-1	12/26/2021	4:40:00 PM	ROC-17	ECC	TV	OCO	12	13,865
P00781038-1	12/26/2021	4:45:46 PM	ALG-12	EAC	TV	OCO	20	7,925
P00781187-1	12/26/2021	5:18:17 PM	BLU-17	ECC	TV	OCO	41	41,029
P00781196-1	12/26/2021	5:23:41 PM	WLS-16	EAC	TV	OCO	108	65,556
P00781205-1	12/26/2021	5:28:48 PM	VAS-13	EBL	UN	OCN	2	11
P00781208-1	12/26/2021	5:35:22 PM	KLA-18	EBD	EF	UTF	20	25,677
P00780681-1	12/26/2021	6:04:30 PM	KEN-12	EAA	EF	OFU	196	178,459
P00780994-1	12/26/2021	6:25:17 PM	AVO-15	EBD	EF	OTR	6	2,606
P00781235-1	12/26/2021	6:29:27 PM	VWY-13	EAA	EF	OCO	1	2,404
P00781236-1	12/26/2021	6:32:10 PM	KEN-12	EAA	EF	OFU	38	44,986
P00781239-1	12/26/2021	6:40:21 PM	DUV-15	EBD	TV	OSV	1	972
P00781248-1	12/26/2021	6:57:00 PM	TLN-0099	EAC	TV	OCO	6,240	248,156
P00781249-1	12/26/2021	7:06:43 PM	WOB-23	EAA	TV	OCO	24	20,568
P00781250-1	12/26/2021	7:10:21 PM	FRA-15	ECD	EF	OTR	3	224
P00781253-1	12/26/2021	7:13:29 PM	CRE-12	EAD	EF	UPT	3	1,916
P00781256-1	12/26/2021	7:18:23 PM	VWY-12	EAA	TV	OPO	14	15,356
P00781259-1	12/26/2021	7:22:57 PM	BHS-13	EAA	EF	OTF	2	408
P00781215-1	12/26/2021	7:31:08 PM	LAB-25	EAA	TV	OCO	5	6,992
P00781273-1	12/26/2021	7:42:53 PM	ALG-15	EAA	TV	OCO	58	45,875
P00781276-1	12/26/2021	7:49:17 PM	BRS-24	EAC	TV	OCO	58	50,784
P00781282-1	12/26/2021	8:00:48 PM	PIP-23	EBI	EF	PTF	18	3,174
P00781284-1	12/26/2021	8:04:51 PM	SIN-23	ECD	EF	OTR	2	1,116
P00781290-1	12/26/2021	8:28:35 PM	ALG-12	EAC	EF	OFU	51	48,477
P00781292-1	12/26/2021	8:32:08 PM	ELD-25	ECC	TV	OFU	4	4,672
P00781319-1	12/26/2021	8:46:21 PM	CLE-11	EBH	TV	OHR	1,128	84,845
P00781323-1	12/26/2021	9:01:38 PM	MIR-13	EBD	UN	SCB	728	11,903
P00781336-1	12/26/2021	9:04:25 PM	BDI-15	EBI	TV	OFU	48	9,924

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00781348-1	12/26/2021	9:20:43 PM	MIR-13	EBD	TV	OPO	148	198,547
P00781351-1	12/26/2021	9:28:39 PM	LYN-13	EAA	TV	OSV	1	833
P00781362-1	12/26/2021	9:44:06 PM	NLM-16	EAC	TV	OCO	4	1,383
P00781366-1	12/26/2021	9:51:45 PM	AIR-23	ECC	TV	OCO	46	5,968
P00781369-1	12/26/2021	10:02:17 PM	RAI-14	ECC	EF	OFU	21	27,800
P00781370-1	12/26/2021	10:15:04 PM	BUC-16	ECA	EF	OCN	129	27,426
P00781373-1	12/26/2021	10:23:11 PM	RPT-15	ECD	TV	OSV	1	730
P00781375-1	12/26/2021	10:28:51 PM	RAI-11	ECC	TV	OCN	9	8,394
P00781267-1	12/26/2021	11:18:25 PM	FLD-13	EAD	TV	OCO	51	35,347
P00781388-1	12/26/2021	11:45:17 PM	FNW-17	ECD	EF	OFU	16	9,151

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

<b>Notification (NUMBER)</b>	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)	<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>	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	
<b>Equipment (EQT)</b>	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	
<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

### Thousands without power across Whatcom County

BY WHATCOM NEWS ON DECEMBER 25, 2021 9:23PM

WHATCOM COUNTY, Wash. — A snow event covered Whatcom County with a few inches of snow, temperatures dropped into the teens in most areas and wind gust speeds continued rising through the day today, December 25th. Amidst all this, over 3,500 Puget Sound Energy (PSE) customer addresses were reported to be without power.

### Dangerous cold temperatures and powerful winds continue along with power outages

BY WHATCOM NEWS ON DECEMBER 27, 2021 7:20AM  
WHATCOM COUNTY, Wash.

High wind and wind chill warnings remain in effect this morning, Monday, December 27th, until 10am.



Wind gusts have dropped steadily overnight while temperatures have fallen into the single digits.

Motorists continue to be warned of challenging driving conditions while reports continue of towing companies and volunteer passerby pulling disabled vehicles back onto roads and out of snow drifts.

Puget Sound Energy (PSE) reported 1,872 of their customer addresses in Whatcom County and 3,881 across their entire service area were without power as of 6:30am. They issued the following statement last night.

Crews continue to respond to power outages caused by this weekend's snowstorm and windy weather and will continue to work around the clock to restore power as it's safe to do so. Freezing temperatures have created hazardous travel and working conditions.

As of 8 p.m. on December 26, we have approximately 5,100 customers without power across our service area, and we've restored service to 42,000 customers since the beginning of the snowstorm. Hard-hit areas include Skagit and Whatcom counties.

Deep snow and extreme cold are significantly impacting crew access in many locations. Multiple roadways across our service area, especially in Skagit and Whatcom counties, are closed. Crews are unable yet to safely access these areas to begin restoration efforts.

NWS forecasters say to expect Fraser Valley outflow winds to return to Whatcom County Tuesday. These are not expected to be as strong as was just experienced "but enough to bring windy conditions to the north interior again and cool highs over the interior slightly."

Another weather system is expected to arrive from the northwest on Thursday, bringing the possibility for lowland snow. "Exact amounts are hard to pin down this far out but an ensemble mean suggests 1-3" of new snow is likely for much of [western Washington – about 1.5 for western Whatcom County]. At the same time, highs are forecast to warm into the mid to upper 30s so precipitation might start out as snow early Thursday then turn to a sloppy rain/snow mix later in the day.