

**2021 Qualifying Events Report**

November 9, 2021 Event

Filed on  
February 8, 2022



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### Event Description

#### Event Date and Time

Start: 11/09/2021, 06:00

End: 11/10/2021, 20:00

#### Event Type

Wind, rain, and hail

#### Service Areas Significantly Affected

Kitsap County and North King County

#### Number of Customers Affected

System wide, approximately 50,581 customers were without power during the course of this event.

#### Summary of System Impacts

Total Number of Outages for the Event	227
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Transmission Line Segments Affected	3
Impacted Substations	3

#### Mobilization Summary

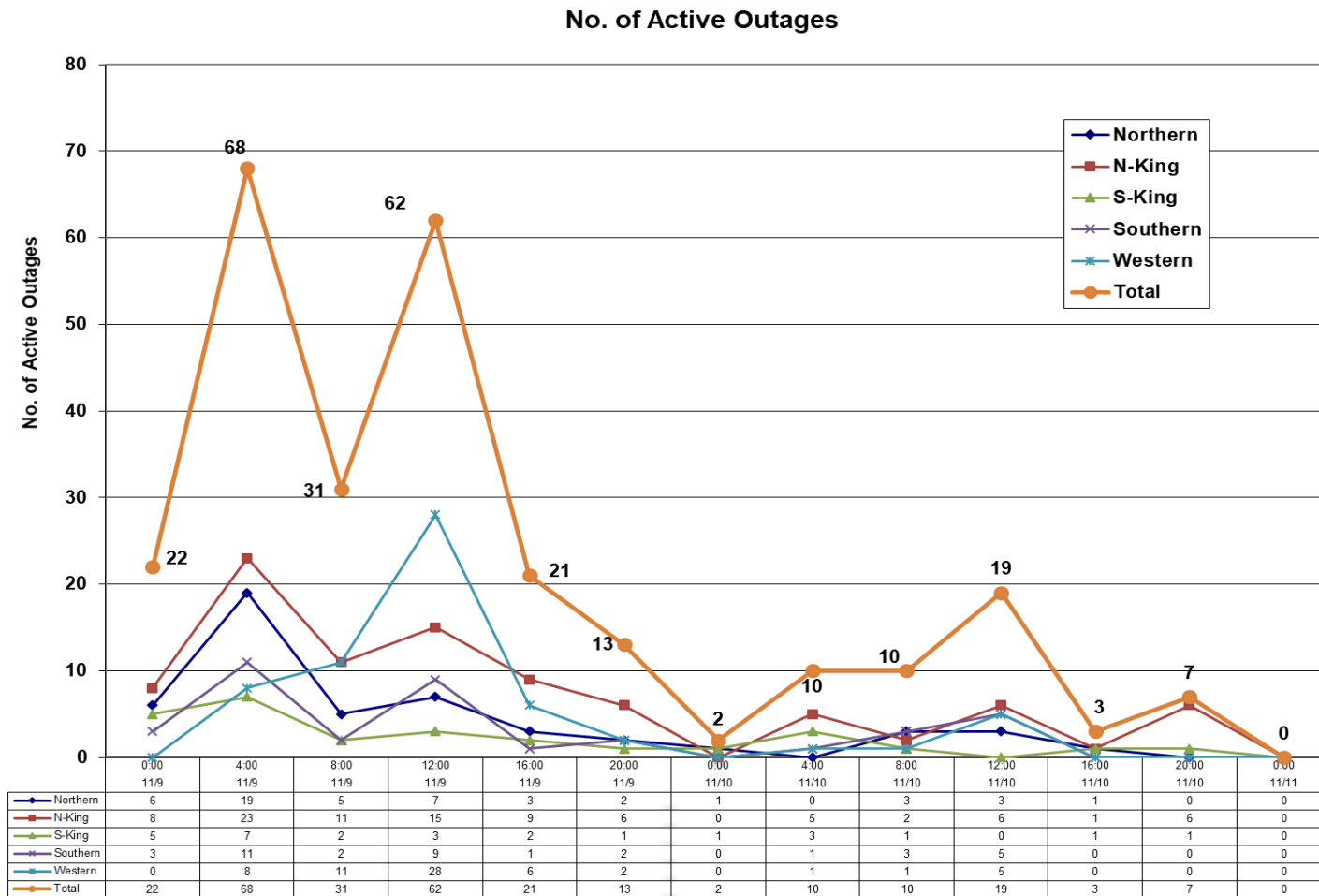
##### Operating Bases Placed In Emergency Status

Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom		n/a		
Skagit		n/a		
Island		n/a		
North King	11/09/21	08:00	10/26/21	12:00
South King		n/a		
Pierce		n/a		
Thurston		n/a		
Kitsap	11/09/21	15:00	11/10/21	01:00
Vashon		n/a		
Kittitas		n/a		

##### Emergency Coordination Center (ECC)

	Date Opened	Time Opened	Date Closed	Time Closed
ECC				n/a

Active Outages Chart



### 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.

#### 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 2021: 6.38 Minutes

#### Qualified Event - Calculation Detail - Current Event

Event Date, Time Range	Total Outages	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
11/09/2021, 06:00 – 11/10/2021, 20:00	227	9,860,143	1,198,391	8.23

#### YTD Qualified Events - First Day the Daily SAIDI Exceeded $T_{MED}$ 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
11/09/2021	9.96	\$1,111,297

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

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

### 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

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
\$27,582,191	\$6,885,111	\$289,022	\$10,000,000	\$37,871,213	\$44,756,324

**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						
November 9, 2021 Qualifying Storm Damage Repair Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
ST	\$0	\$131	\$0	\$18,692	\$18,692	\$18,824
OT	\$0	\$0	\$0	\$108,005	\$108,005	\$108,005
Total Labor	\$0	\$131	\$0	\$126,698	\$126,698	\$126,829
Labor OH	\$0	\$40,120	\$0	\$153	\$153	\$40,274
Materials	\$0	\$49,217	\$0	\$98,659	\$98,659	\$147,875
Contractors	\$0	\$156,066	\$0	\$816,249	\$816,249	\$972,315
Other Direct Charges	\$0	\$350	\$0	\$7,047	\$7,047	\$7,397
Fleet	\$0	\$0	\$0	\$0	\$0	\$0
Other Assessments	\$0	\$681	\$0	\$62,492	\$62,492	\$63,173
Deferred Expenses	\$1,111,297	\$0	\$0	\$0		\$0
	\$1,111,297	\$246,565	\$0	\$1,111,297	\$1,111,297	\$1,357,863

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
P00759905-1	11/9/2021	12:18:25 AM	GOO-13	EBD	TV	OFU	1	2,076
P00759913-1	11/9/2021	12:22:34 AM	NLM-16	EAC	TV	OCO	6	1,417
P00759919-1	11/9/2021	12:39:00 AM	MSI-24	EBD	TV	OCO	355	19,625
P00759923-1	11/9/2021	12:59:58 AM	BTN-35	EAC	TV	OCO	197	92,913
P00759933-1	11/9/2021	1:09:22 AM	SNQ-16	EBD	TV	OCR	103	88,150
P00759937-1	11/9/2021	1:15:18 AM	MER-12	EBE	TV	OCO	1	557
P00759938-1	11/9/2021	1:16:42 AM	HKX-16	EAC	TV	OCO	158	3,212
P00759946-1	11/9/2021	1:23:30 AM	TOT-23	EBD	TV	OCO	2,396	1,444,589
P00759949-1	11/9/2021	1:28:35 AM	NLM-12	EAC	TV	OCO	6	1,491
P00759950-1	11/9/2021	1:28:56 AM	OSC-22	EBI	EF	OJU	165	22,308
P00759952-1	11/9/2021	1:33:11 AM	SUM-21	EAC	TV	OCO	13	9,873
P00759953-1	11/9/2021	1:34:48 AM	HWD-25	EBD	TV	OFU	24	23,321
P00759964-1	11/9/2021	1:51:17 AM	OSC-22	EBI	TV	OTF	3	861
P00759970-1	11/9/2021	2:09:09 AM	KAP-16	ECA	TV	OTR	2	1,585
P00759976-1	11/9/2021	2:27:12 AM	DGR-15	ECA	TV	OTR	4	837
P00759978-1	11/9/2021	2:32:02 AM	HOB-17	EBI	TV	OFU	57	45,814
P00759981-1	11/9/2021	2:33:00 AM	HOB-17	EBI	TV	OFU	53	53,177
P00759991-1	11/9/2021	3:02:23 AM	MAP-15	EBE	TV	OFU	58	44,408
P00759993-1	11/9/2021	3:03:29 AM	NBO-22	EBD	TV	OFU	83	80,391
P00759995-1	11/9/2021	3:05:14 AM	BDI-15	EBI	TV	OFU	2	1,501
P00759938-2	11/9/2021	3:29:38 AM	HKX-16	EAC	TV	OCO	88	30,406
P00760014-1	11/9/2021	3:41:40 AM	ROC-16	ECC	TV	OFU	1	341
P00760017-1	11/9/2021	4:07:19 AM	CUM-15	EBI	TV	OFU	1	805
P00760023-1	11/9/2021	4:42:11 AM	PIN-23	EBD	TV	OTF	2	3,892
P00760027-1	11/9/2021	4:57:20 AM	ROC-17	ECC	TV	OHR	342	116,514
P00760342-1	11/9/2021	4:59:36 AM	MSI-24	EBD	TV	OFU	155	44,222
P00760040-1	11/9/2021	5:00:51 AM	ORT-26	ECA	TV	OFU	14	2,758
P00760058-1	11/9/2021	5:11:29 AM	PRI-13	ECC	TV	OHR	220	53,453
P00760062-1	11/9/2021	5:19:56 AM	FRG-23	ECC	TV	OFU	3	2,537
P00760066-1	11/9/2021	5:38:27 AM	HOL-12	ECA	TV	OCO	1,256	315,026

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00760068-1	11/9/2021	5:41:09 AM	VAS-13	EBL	TV	OCO	65	12,030
P00760071-1	11/9/2021	5:41:11 AM	YEL-25	ECC	TV	OFU	195	105,960
P00760082-1	11/9/2021	5:57:36 AM	GRV-15	ECA	TV	OFU	23	6,568
P00760084-1	11/9/2021	5:59:24 AM	VAS-13	EBL	TV	OCO	22	5,100
P00760267-1	11/9/2021	6:00:41 AM	ORT-26	ECA	TV	OFU	148	45,324
P00760098-1	11/9/2021	6:08:00 AM	HWD-22	EBD	TV	OCO	1,951	551,211
P00760103-1	11/9/2021	6:11:45 AM	LWS-16	EBI	TV	OCO	2,025	289,914
P00760113-1	11/9/2021	6:13:03 AM	PIN-26	EBD	TV	OTF	5	2,806
P00760115-1	11/9/2021	6:13:11 AM	VAS-23	EBL	TV	OCO	12	4,160
P00760124-1	11/9/2021	6:13:15 AM	LMC-23	EBD	TV	OCO	938	292,186
P00760133-1	11/9/2021	6:17:33 AM	VAS-22	EBL	TV	OCO	4	1,397
P00760134-1	11/9/2021	6:19:09 AM	MIR-13	EBD	TV	OFU	6	5,418
P00760139-1	11/9/2021	6:25:27 AM	CHI-12	ECD	TV	OFU	9	916
P00760142-1	11/9/2021	6:28:30 AM	TOL-15	EBD	TV	OCO	121	40,374
P00760147-1	11/9/2021	6:31:03 AM	MER-13	EBE	TV	OCO	115	35,244
P00760148-1	11/9/2021	6:31:22 AM	SWD-13	ECE	EF	OMP	1	104
P00760150-1	11/9/2021	6:33:38 AM	FNW-17	ECD	TV	OCO	358	118,945
P00760152-1	11/9/2021	6:33:50 AM	SIN-25	ECD	TV	OCO	41	11,880
P00760161-1	11/9/2021	6:41:06 AM	RHO-13	ECA	TV	OTR	1	119
P00760163-1	11/9/2021	6:42:35 AM	WLK-15	ECA	TV	OFU	24	15,666
P00760165-1	11/9/2021	6:46:00 AM	SEQ-17	EBJ	TV	OTF	2	478
P00760167-1	11/9/2021	6:46:24 AM	PIP-22	EBI	TV	OFU	4	840
P00760168-1	11/9/2021	6:46:37 AM	NLM-16	EAC	TV	OCO	18	5,741
P00760173-1	11/9/2021	6:50:56 AM	BUC-15	ECA	TV	OFU	150	52,416
P00760174-1	11/9/2021	6:51:48 AM	BLA-13	EAA	TV	OCO	45	18,193
P00760176-1	11/9/2021	6:53:09 AM	MCK-15	EAA	TV	OCO	56	13,091
P00760182-1	11/9/2021	6:53:54 AM	CUS-15	EAA	TV	OCO	411	95,021
P00760189-1	11/9/2021	6:57:25 AM	VIS-22	EAA	TV	SCB	2,088	222,023
P00760274-1	11/9/2021	6:59:22 AM	BRI-14	EAA	TV	OFU	270	28,251
P00760199-1	11/9/2021	7:02:23 AM	WOB-23	EAA	TV	OFU	6	2,286
P00760200-1	11/9/2021	7:02:47 AM	BCH-16	EAA	TV	OTR	5	1,354

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00760212-1	11/9/2021	7:02:50 AM	ZEN-24	EBJ	TV	OCO	1,068	146,388
P00760201-1	11/9/2021	7:03:13 AM	ALG-15	EAA	TV	OFU	56	9,150
P00760214-1	11/9/2021	7:04:43 AM	DES-15	EBJ	TV	OCO	117	23,784
P00760228-1	11/9/2021	7:09:09 AM	NUG-25	EAA	TV	OCO	7	1,750
P00760230-1	11/9/2021	7:10:01 AM	HOU-25	EBE	EF	OTR	3	1,458
P00760235-1	11/9/2021	7:11:50 AM	RIT-16	EAC	TV	OFU	44	3,549
P00760229-1	11/9/2021	7:12:08 AM	MWD-16	EBE	SO	OPO	2	627
P00760248-1	11/9/2021	7:14:06 AM	DUV-12	EBD	UN	OCO	1,765	154,115
P00760245-1	11/9/2021	7:14:58 AM	BLA-13	EAA	TV	OCO	2	519
P00760249-1	11/9/2021	7:15:23 AM	NUG-26	EAA	TV	OFU	90	7,503
P00761713-1	11/9/2021	7:15:24 AM	ING-15	EBD	TV	OFU	75	126,429
P00760276-1	11/9/2021	7:22:12 AM	COT-16	EBD	TV	OFU	38	6,631
P00760277-1	11/9/2021	7:23:19 AM	VIS-26	EAA	TV		1	251
P00760279-1	11/9/2021	7:23:25 AM	KEN-12	EAA	TV	OCO	8	2,678
P00760285-1	11/9/2021	7:24:21 AM	KEN-12	EAA	TV	OCO	1,514	374,802
P00760283-1	11/9/2021	7:24:44 AM	WIN-12	ECE	TV	OCO	52	16,182
P00760333-1	11/9/2021	7:28:09 AM	KNM-25	EBD	TV	OFU	47	19,665
P00760307-1	11/9/2021	7:34:41 AM	CHI-12	ECD	TV	OCO	123	59,612
P00760312-1	11/9/2021	7:36:13 AM	MIR-13	EBD	TV	OFU	21	16,980
P00760313-1	11/9/2021	7:36:21 AM	MTV-15	EAC	EF	UTR	106	6,397
P00760317-1	11/9/2021	7:37:11 AM	NBE-12	EBD	TV	OTF	4	1,781
P00760887-1	11/9/2021	7:37:57 AM	GLA-12	EAA	TV	OFU	31	11,817
P00760327-1	11/9/2021	7:39:56 AM	VAS-13	EBL	TV	OSV	3	2,136
P00760339-1	11/9/2021	7:45:10 AM	WIN-16	ECE	TV	OTR	2	330
P00760343-1	11/9/2021	7:46:32 AM	GLA-12	EAA	TV	OFU	82	28,007
P00760137-1	11/9/2021	7:47:29 AM	FRA-16	ECD	TV	OCR	42	16,877
P00760443-1	11/9/2021	7:53:00 AM	TLN-0120	EBD	TV	OCO	6,075	478,103
P00760349-1	11/9/2021	7:53:02 AM	LYO-12	EBI	TV	OFU	5	1,980
P00760357-1	11/9/2021	7:53:10 AM	HWD-25	EBD	TV	OCO	436	242,939
P00760471-1	11/9/2021	8:19:15 AM	NBE-13	EBD	TV	OFU	4	3,054
P00760478-1	11/9/2021	8:22:42 AM	KNT-23	EBJ	CP	UPS	134	35,604

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00760477-1	11/9/2021	8:28:56 AM	SLA-17	EAA	TV	OTF	1	285
P00760480-1	11/9/2021	8:30:19 AM	PIN-26	EBD	TV	OFU	3	1,238
P00760313-1	11/9/2021	8:36:52 AM	MTV-15	EAC	EF	UTR	82	11,005
P00742806-1	11/9/2021	8:50:47 AM	SIL-15	ECE	SO	UFJ	4	739
P00760506-1	11/9/2021	9:00:37 AM	BTR-22	EBE	TV	OFU	9	2,616
P00760526-1	11/9/2021	9:14:10 AM	VAS-12	EBL	EF	OTR	1	87
P00746143-1	11/9/2021	9:25:32 AM	SLA-16	EAA	SO	OFU	12	2,289
P00760555-1	11/9/2021	9:48:04 AM	MCW-16	ECE	EF	OCN	1	192
P00760444-1	11/9/2021	9:52:06 AM	LYN-17	EAA	BA	OFU	1	90
P00760569-1	11/9/2021	9:58:40 AM	CAP-13	ECC	TV	OTR	1	1,696
P00759467-1	11/9/2021	10:06:44 AM	GWR-13	EBJ	TV	OJU	162	4,345
P00760183-2	11/9/2021	10:12:11 AM	UHL-23	EBD	TV	OCO	252	32,537
P00760597-1	11/9/2021	10:14:47 AM	MIL-22	ECE	TV	OCO	15	7,765
P00760614-1	11/9/2021	10:27:12 AM	KIN-23	ECE	TV	OCO	36	11,467
P00760632-1	11/9/2021	10:36:47 AM	WIS-13	EBD	TV	OCO	4	1,435
P00760631-1	11/9/2021	10:36:47 AM	SIL-13	ECE	TV	OCO	11	3,401
P00760639-1	11/9/2021	10:42:28 AM	CHR-22	ECE	TV	OCO	41	16,621
P00740305-1	11/9/2021	10:46:19 AM	PGA-12	ECE	SO	OCO	139	24,075
P00760646-1	11/9/2021	10:47:09 AM	FRA-13	ECD	TV	OCO	3	953
P00760651-1	11/9/2021	10:49:05 AM	MSI-24	EBD	UN	OFU	38	13,661
P00760654-1	11/9/2021	10:50:32 AM	KIN-22	ECE	TV	OCO	9	876
P00760671-1	11/9/2021	11:00:58 AM	POU-13	ECE	TV	OCO	1	48
P00760674-1	11/9/2021	11:02:10 AM	LUH-14	ECC	TV	USC	1	697
P00760702-1	11/9/2021	11:28:41 AM	TOT-23	EBD	TV	OFU	280	60,550
P00760515-1	11/9/2021	11:29:12 AM	PTR-14	EAA	TV	OCO	1	310
P00760323-1	11/9/2021	11:32:35 AM	LLT-17	EBD	TV	OCO	31	16,325
P00760715-1	11/9/2021	11:36:53 AM	KNM-23	EBD	TV	OFU	1	238
P00760735-1	11/9/2021	11:48:13 AM	FAC-25	EBD	DU	UPC	35	7,289
P00760740-1	11/9/2021	11:56:18 AM	FNW-17	ECD	TV	OCO	23	3,728
P00760751-1	11/9/2021	12:09:11 PM	KIN-21	ECE	TV	OCO	48	6,930
P00760755-1	11/9/2021	12:13:21 PM	CHR-23	ECE	TV	OCO	22	12,263

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00760762-1	11/9/2021	12:19:59 PM	SKE-23	ECE	TV	OCO	4	1,824
P00760699-1	11/9/2021	12:24:47 PM	SKE-26	ECE	TV	OSV	21	8,741
P00760764-2	11/9/2021	12:26:59 PM	LMC-25	EBD	TV	OCO	2	2,511
P00760808-1	11/9/2021	12:30:00 PM	TLN-0136	ECE	TV	OCO	2,410	13,737
P00760814-1	11/9/2021	12:36:49 PM	LMC-25	EBD	TV	OFU	2	2,410
P00760815-1	11/9/2021	12:37:15 PM	GLA-12	EAA	TV	USV	1	107
P00760831-1	11/9/2021	12:46:38 PM	RPT-22	ECD	TV	OCO	1,511	220,415
P00760857-1	11/9/2021	1:06:22 PM	SIN-23	ECD	ND	OFU	128	23,066
P00760688-1	11/9/2021	1:18:06 PM	UHL-23	EBD	TV	OCO	6	4,224
P00760872-1	11/9/2021	1:22:25 PM	POU-16	ECE	TV	OCO	218	61,424
P00760882-1	11/9/2021	1:25:10 PM	SHA-15	ECA	DU	USV	1	110
P00760885-1	11/9/2021	1:25:53 PM	PMA-15	ECE	TV	OCO	22	1,435
P00760970-1	11/9/2021	1:25:53 PM	PMA-15	ECE	TV	OCO	106	9,812
P00760889-1	11/9/2021	1:27:24 PM	GBK-13	EAD	TV	OCO	43	15,236
P00760899-1	11/9/2021	1:29:39 PM	GRI-13	ECC	TV	OJU	120	39,015
P00760913-1	11/9/2021	1:32:57 PM	SIN-22	ECD	TV	OTR	1	515
P00760914-1	11/9/2021	1:33:02 PM	LOL-23	ECD	TV	OCO	61	33,905
P00760940-1	11/9/2021	1:35:46 PM	ROC-26	ECC	TV	OFU	212	43,509
P00760967-1	11/9/2021	1:35:59 PM	TRA-23	ECE	TV	OCO	927	313,854
P00760973-1	11/9/2021	1:38:50 PM	FRA-13	ECD	TV	OFU	30	37,076
P00760977-1	11/9/2021	1:39:13 PM	WIN-13	ECE	UN	OCO	113	6,017
P00760978-1	11/9/2021	1:41:09 PM	EPO-15	ECD	TV	OCO	-	3,905
P00760980-1	11/9/2021	1:45:30 PM	YEL-27	ECC	TV	OTR	1	129
P00760976-1	11/9/2021	1:49:38 PM	HOL-12	ECA	TV	OFU	14	1,351
P00760948-1	11/9/2021	1:50:19 PM	NOR-26	EBD	TV	OCO	2,224	477,410
P00761272-1	11/9/2021	1:52:09 PM	CWD-23	EBD	TV	OFU	245	148,420
P00760985-1	11/9/2021	1:52:26 PM	FRG-24	ECC	TV	OFU	21	11,093
P00759903-2	11/9/2021	1:52:38 PM	KIN-22	ECE	CP	OPO	18	2,861
P00760955-1	11/9/2021	1:52:54 PM	MIL-17	ECE	TV	OCO	1,767	219,903
P00760954-1	11/9/2021	1:52:54 PM	JUA-22	EBD	TV	OCO	199	18,968
P00761002-1	11/9/2021	1:53:18 PM	JUA-14	EBD	TV	OFU	11	9,918

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00760961-1	11/9/2021	1:55:39 PM	HWD-26	EBD	TV	OCO	2,254	586,234
P00761024-1	11/9/2021	1:56:10 PM	ROS-22	EBD	TV	OFU	165	40,727
P00761113-1	11/9/2021	1:57:35 PM	ROS-21	EBD	TV	OCO	2,546	977,021
P00761133-1	11/9/2021	1:58:55 PM	AVO-13	EBD	TV	OCO	2,107	396,573
P00761150-1	11/9/2021	2:02:30 PM	COT-16	EBD	TV	OCO	588	118,306
P00761172-1	11/9/2021	2:04:18 PM	COT-13	EBD	TV	OFU	26	15,425
P00761220-1	11/9/2021	2:08:15 PM	DUV-13	EBD	TV	OCO	1,402	220,394
P00761466-1	11/9/2021	2:10:43 PM	TLN-0136	ECE	TV	OCO	2,410	313,943
P00761246-1	11/9/2021	2:14:16 PM	CTR-23	EBJ	TV	OCO	52	9,895
P00761249-1	11/9/2021	2:16:49 PM	GRV-13	ECA	TV	OSV	1	108
P00761277-1	11/9/2021	2:25:33 PM	TRA-25	ECE	TV	OCO	4	1,062
P00761284-1	11/9/2021	2:29:28 PM	ROC-17	ECC	EF	UPT	1	448
P00761290-1	11/9/2021	2:31:01 PM	ZEN-24	EBJ	EF	OTF	6	719
P00761294-1	11/9/2021	2:33:42 PM	BUC-15	ECA	EF	UPT	1	188
P00761302-1	11/9/2021	2:37:31 PM	SIN-22	ECD	LI	OTR	2	1,066
P00761303-1	11/9/2021	2:38:00 PM	KIN-23	ECE	UN	OSV	1	538
P00761328-1	11/9/2021	2:44:58 PM	FLD-12	EAD	TV	OHR	806	70,552
P00761336-1	11/9/2021	2:45:47 PM	HAM-13	EAC	TV	OSV	5	682
P00761364-1	11/9/2021	2:49:02 PM	LOL-23	ECD	TV	OSV	11	7,091
P00761372-1	11/9/2021	2:51:57 PM	LGY-16	EAD	TV	OSV	1	222
P00761374-1	11/9/2021	2:53:29 PM	LMC-23	EBD	TV	OFU	126	140,076
P00761373-1	11/9/2021	2:53:29 PM	OSC-22	EBI	TV	OCN	14	8,328
P00761398-1	11/9/2021	3:09:04 PM	RPT-17	ECD	TV	OCO	4	936
P00761401-1	11/9/2021	3:09:41 PM	ALG-15	EAC	TV	OSV	1	415
P00761405-1	11/9/2021	3:10:30 PM	TRA-22	ECE	TV	OCO	1,698	530,370
P00761411-1	11/9/2021	3:19:07 PM	CAR-16	EAA	EF	USV	1	125
P00761198-1	11/9/2021	3:23:53 PM	SWD-13	ECE	TV	OCO	148	2,585
P00761429-1	11/9/2021	3:36:52 PM	SIN-25	ECD	TV	OTR	2	286
P00761438-1	11/9/2021	3:47:50 PM	FRA-12	ECD	TV	OSV	1	528
P00761465-1	11/9/2021	4:13:00 PM	TLN-0136	ECE	TV	OCO	752	5,790
P00761484-1	11/9/2021	4:13:08 PM	WIN-12	ECE	TV	OCO	99	5,419

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00761495-1	11/9/2021	4:29:18 PM	WIN-12	ECE	TV	OTR	4	151
P00761502-1	11/9/2021	4:32:44 PM	AVO-15	EBD	UN	PMP	1	186
P00761512-1	11/9/2021	4:39:38 PM	FRA-13	ECD	TV	OTR	2	401
P00761517-1	11/9/2021	4:42:21 PM	MIR-17	EBD	TV	OCO	351	89,164
P00761519-1	11/9/2021	4:43:56 PM	KEN-12	EAA	TV	OFU	30	3,182
P00761657-1	11/9/2021	4:45:55 PM	MIR-17	EBD	TV	OFU	10	3,059
P00761293-1	11/9/2021	4:57:47 PM	MVW-16	EBJ	TV	OFU	18	8,715
P00760957-2	11/9/2021	5:12:38 PM	NUG-26	EAA			1	94
P00760951-1	11/9/2021	5:14:38 PM	MAP-16	EBE	TV	OCO	2	130
P00760227-1	11/9/2021	5:45:49 PM	KLA-15	EBD	TV	OFU	13	8,038
P00761576-1	11/9/2021	5:52:25 PM	COT-16	EBD	EF	OTF	3	1,243
P00761579-1	11/9/2021	5:57:56 PM	NLM-12	EAC	EF	OCO	11	1,523
P00761585-1	11/9/2021	6:12:15 PM	BUC-15	ECA	TV	OFU	16	2,824
P00761599-1	11/9/2021	6:37:15 PM	BDI-13	EBI	EF	OTF	3	457
P00761600-1	11/9/2021	6:40:21 PM	HWD-25	EBD	EF	OFU	1	768
P00761616-1	11/9/2021	7:13:53 PM	MSI-24	EBD	TV	OTF	1	939
P00761620-1	11/9/2021	7:22:52 PM	HWD-22	EBD	TV	OFU	4	747
P00761622-1	11/9/2021	7:28:46 PM	SKE-26	ECE	TV	OFU	2	2,356
P00761682-1	11/9/2021	7:30:00 PM	SIN-22	ECD	LI	OTR	6	1,457
P00761328-2	11/9/2021	8:02:48 PM	FLD-12	EAD	TV		806	28,760
P00761387-2	11/9/2021	8:03:50 PM	HWD-22	EBD	TV	OCO	18	9,628
P00761654-1	11/9/2021	8:59:31 PM	MIR-17	EBD	TV	OFU	5	4,663
P00761615-1	11/9/2021	9:16:46 PM	MSI-24	EBD	UN	UPT	13	14,918
P00760549-2	11/9/2021	9:28:23 PM	FLC-15	EBJ	TV	OCO	94	9,873
P00761662-1	11/9/2021	9:34:29 PM	BUC-15	ECA	EF	OFU	25	707
P00761683-1	11/9/2021	9:41:00 PM	SIN-22	ECD	LI	OTR	3	425
P00761671-1	11/9/2021	10:02:30 PM	MIR-17	EBD	TV	OSV	1	133
P00761674-1	11/9/2021	10:22:43 PM	COT-15	EBD	EF	USV	1	872
P00761579-2	11/9/2021	10:56:16 PM	NLM-12	EAC	EF		11	612
P00761144-1	11/9/2021	11:30:52 PM	CWD-25	EBD	TV	OSV	8	3,283
P00761703-1	11/9/2021	11:48:06 PM	EPO-15	ECD	TV	OCO	208	9,674

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00761704-1	11/9/2021	11:52:53 PM	ROC-26	ECC	EF	PMP	1	115



**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****Strong winds down trees,  
cause power outages around  
Puget Sound**

Snohomish, King and Pierce counties were under a Wind Advisory until 4 p.m. Tuesday.

Author: KING 5 Staff

Published: 9:21 AM PST November 9, 2021

Updated: 11:18 PM PST November 9, 2021



SEATTLE — Blustering winds that moved through western Washington Monday night through Tuesday caused power outages, downed trees, downed electrical wires and even a bridge closure have been reported around the Puget Sound region.

The severe weather system prompted brief tornado warnings for parts of Kitsap County.

The Washington State Department of Transportation (WSDOT) briefly closed the State Route 104 Hood Canal Bridge Tuesday morning due to strong winds and large waves. The bridge was reopened shortly before noon.

The department tweeted a photo showing waves going onto the bridge deck "about 30 feet in the air."

WSDOT said crews consider closing the bridge when winds reach or exceed 40 mph for 15 minutes or longer and opening the draw span helps relieve "intense pressure" on the bridge.

Tens of thousands of customers were without power throughout the region. However, that number quickly dwindled into Tuesday night.

Puget Sound Energy was reporting fewer than 5,000 customers without power by 10 p.m... Earlier in the day, that number reached nearly 20,000. Many of those outages were in Kitsap County and near the Cascade foothills.

Even Seattle City Light customers were hit hard. Though the number of customers without power by 10 p.m. Tuesday was below 1,000.

Downed trees and power pole caused road closures throughout the morning, too.

Just before 2 p.m., a power pole went down at E Madison Street and 29th Avenue E. Both directions of traffic on Madison Street are blocked.

A downed tree across Lake City Way NE closed lanes between NE 95th and 98th for several hours. Traffic has since reopened, according to the Seattle Department of Transportation (SDOT).



November 09, 2021 at 9:47 pm PST

By KIRO 7 News Staff and Meteorologist Nick Allard, KIRO 7 News

## **Heavy winds and rain brought down trees, closed roads and cut power around the Puget Sound region Tuesday**

Two tornado warnings and a special marine weather warning were issued by the National Weather Service. Those warnings have since been canceled or expired.

Several utilities in Western Washington reported outages. At one point, more than 55,000 customers were without power.

Trees came crashing down in multiple places in Renton overnight, causing issues on roads. In the Benson Hill neighborhood, power lines came down.

In the Renton Highlands, a large tree came down at the Windsor apartment complex, not far from the QFC and Safeway in the area. The tree is pushing into the side of the apartment complex.

King County Road Services reported that parts of several roads were closed by downed trees Tuesday morning.