

2021 Qualifying Events Report

February 13, 2021 Event

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Table of Contents

2021 Qualifying Events Report..... 1

Table of Contents..... 2

Event Description..... 3

 Event Date and Time 3

 Event Type..... 3

 Service Areas Significantly Affected..... 3

 Number of Customers Affected 3

 Summary of System Impacts 3

 Mobilization Summary 3

Major Event – Qualification Summary 5

 IEEE Standard 1366 5

 Qualified Event - Calculation Detail - Current Event..... 5

 YTD Qualified Events - First Day the Daily SAIDI Exceeded T_{MED} of 6.38 Minutes..... 5

Event Restoration – YTD Cost Summary 6

 2021 Restoration Costs Detail - By Storm Event..... 6

 2021 YTD Storm Restoration Cost Summary 6

Detail Documents 7

Terms, Codes and Definitions Used on Detail Reports 17

Media & Communication Coverage..... 18

Event Description

Event Date and Time

Start: 2/13/2021, 23:00

End: 2/14/2021, 20:30

Event Type

Wind, snow

Service Areas Significantly Affected

King County and Thurston County

Number of Customers Affected

System wide, approximately 32,904 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages for the Event	224
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Transmission Lines Affected	6
Impacted Substations	0

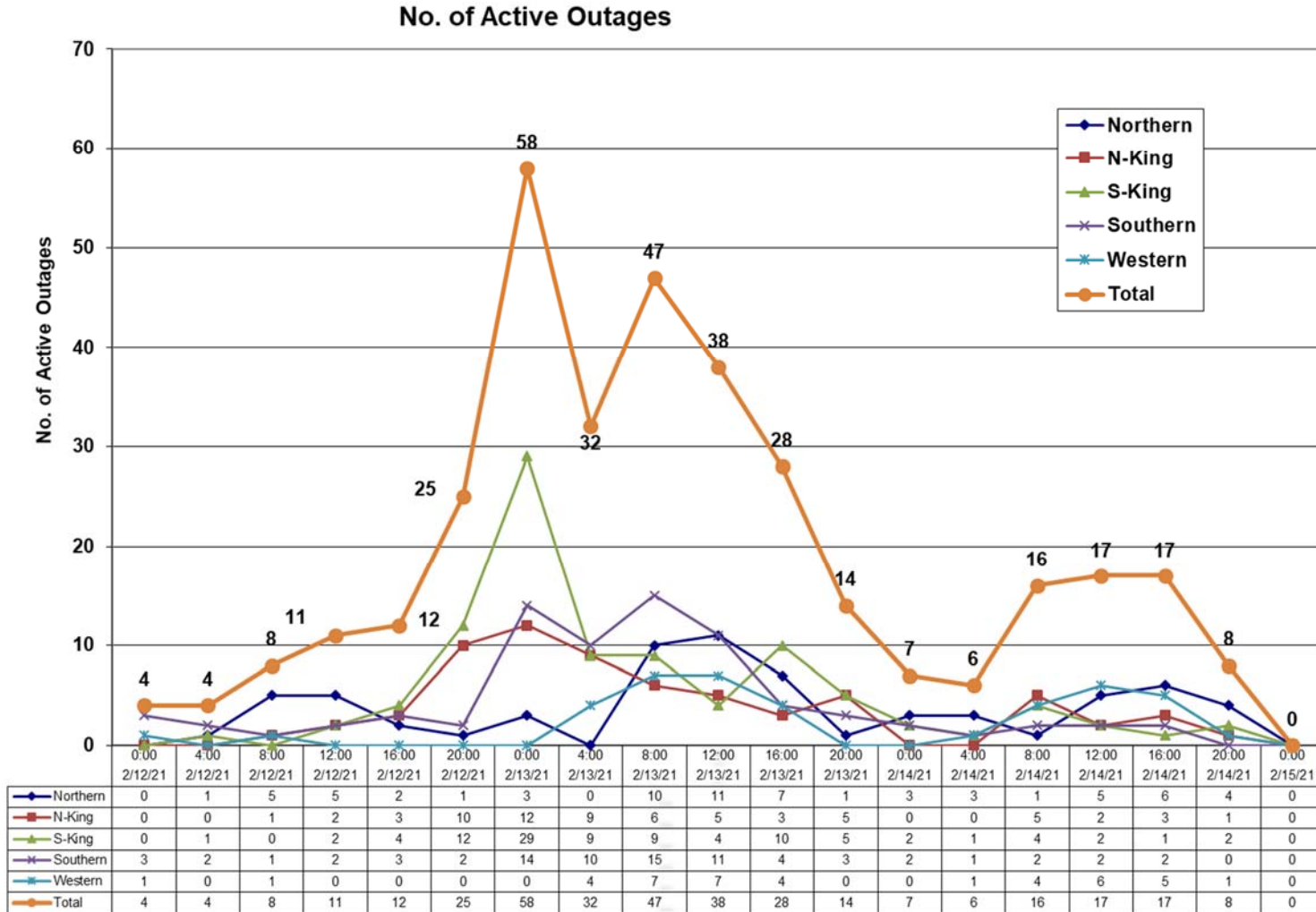
Mobilization Summary

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	2/13/21	05:00	2/14/21	06:00
South King	2/13/21	05:00	2/14/21	06:00
Pierce	n/a			
Thurston	2/13/21	11:00	2/14/21	05:00
Kitsap	n/a			
Vashon	n/a			
Kittitas	n/a			

Emergency Coordination Center (ECC)

	Date Opened	Time Opened	Date Closed	Time Closed
ECC	2/13/21	05:00	2/14/21	06:00



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 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 2021: 6.38 Minutes

Qualified Event - Calculation Detail - Current Event

Event Date, Time Range	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
2/13/2021 01:00 – 2/14/2021 09:00	11,155,659	1,185,716	9.41

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	\$20,504,697
2/13/2021	10.33	\$2,508,910

¹ IEEE: Institute of Electrical and Electronics Engineers

² 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	\$10,504,679 *	\$3,516,296 *	\$0	\$10,000,000	\$20,504,679 *	\$24,020,975*
2/11/21 ^{Note}	\$0	\$128,110	\$289,022	\$0	\$289,022	\$417,132
2/13/21	\$2,508,910	\$246,344	\$0	\$0	\$2,508,910	\$2,755,255

*Updated since last report

Note: The 2/11/21 event is not a Qualifying Event. No costs associated with this event are 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
\$13,013,589	\$3,890,750	\$289,022	\$10,000,000	\$23,302,611	\$29,702,271

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						
February 13, 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	\$216	\$0	\$21,015	\$21,015	\$21,231
OT	\$0	\$1,636	\$0	\$352,342	\$352,342	\$353,977
Total Labor	\$0	\$1,852	\$0	\$373,356	\$373,356	\$375,208
Labor OH	\$0	\$50,144	\$0	\$8,804	\$8,804	\$58,949
Materials	\$0	\$35,006	\$0	\$93,359	\$93,359	\$128,365
Contractors	\$0	\$157,303	\$0	\$1,690,197	\$1,690,197	\$1,847,499
Other Direct Charges	\$0	\$0	\$0	\$15,051	\$15,051	\$15,051
Fleet	\$0	\$0	\$0	\$0	\$0	\$0
Other Assessments	\$0	\$2,039	\$0	\$328,142	\$328,142	\$330,181
Deferred Expenses	\$2,508,910	\$0	\$0	\$0		\$0
	\$2,508,910	\$246,344	\$0	\$2,508,910	\$2,508,910	\$2,755,255

ST: Standard time

OT: Over time

OH: Overhead

Detailed List of Outages – 02/13/2021, First TMED-Exceeding Day

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00693931-1	2/13/2021	12:09:45 AM	HOB-17	EBI	TV	OCO	17	15,209
P00694718-1	2/13/2021	12:14:19 AM	FAL-13	EBF	TV	OCO	-	57,520
P00693944-1	2/13/2021	12:19:15 AM	MIR-26	EBF	TV	OCO	1	799
P00693951-1	2/13/2021	12:23:36 AM	MIR-17	EBF	TV	OCO	38	29,181
P00693953-1	2/13/2021	12:26:00 AM	HIG-16	EBE	EF	OCR	934	571,951
P00693956-1	2/13/2021	12:26:58 AM	ENU-16	EBI	TV	OCO	640	496,690
P00693962-1	2/13/2021	12:29:08 AM	ROC-26	ECC	TV	OCO	14	8,376
P00694722-1	2/13/2021	12:34:35 AM	ENU-17	EBI	TV	OCO	13	42,079
P00693971-1	2/13/2021	12:42:52 AM	MHT-13	EBJ	TV	OCO	724	149,482
P00693973-1	2/13/2021	12:49:23 AM	OSC-26	EBI	TV	OCO	39	32,134
P00693976-1	2/13/2021	12:56:06 AM	ELD-23	ECC	EF	OFU	43	6,057
P00693981-1	2/13/2021	1:09:41 AM	BLU-16	ECC	TV	OCO	23	6,229
P00693980-1	2/13/2021	1:10:41 AM	ENU-18	EBI	UN	OFU	8	10,108
P00694004-1	2/13/2021	1:17:00 AM	TLN-0157	ECA	TV	OCO	2,131	274,969
P00694006-1	2/13/2021	1:17:00 AM	TLN-0157	ECA	TV	OCO	2,292	356,740
P00694007-1	2/13/2021	1:19:45 AM	NLM-12	EAC	TV	OCO	116	24,150
P00694013-1	2/13/2021	1:30:31 AM	CUM-13	EBI	TV	OCO	1,823	690,870
P00694012-1	2/13/2021	1:30:39 AM	LWS-12	EBJ	TV	OCO	126	134,272
P00695081-1	2/13/2021	1:32:18 AM	CUM-13	EBI	TV	OCO	21	38,832
P00694015-1	2/13/2021	1:32:38 AM	YEL-25	ECC	TV	OCO	12	14,782
P00695029-1	2/13/2021	1:32:45 AM	CUM-13	EBI	TV	OCO	52	95,347
P00694019-1	2/13/2021	1:32:55 AM	SPG-13	ECC	TV	OCO	66	44,866
P00694020-1	2/13/2021	1:34:01 AM	KAP-13	ECA	TV	OCO	15	7,909
P00694024-1	2/13/2021	1:35:59 AM	RIT-16	EAC	EF	OTR	5	4,774
P00694767-1	2/13/2021	1:37:10 AM	CUM-13	EBI	TV	OCO	-	32,034
P00694027-1	2/13/2021	1:40:07 AM	FAL-15	EBF	TV	OCO	134	138,295
P00694031-1	2/13/2021	1:43:08 AM	HOB-16	EBI	TV	OCO	69	75,323
P00694033-1	2/13/2021	1:44:23 AM	ENU-18	EBI	TV	OCO	150	198,243
P00694039-1	2/13/2021	2:01:51 AM	SPG-13	ECC	TV	OFU	16	2,045
P00694043-1	2/13/2021	2:03:05 AM	LWS-16	EBJ	EF	OCO	727	466,727
P00694040-1	2/13/2021	2:03:46 AM	ENU-18	EBI	TV	OCO	39	50,609

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00694041-1	2/13/2021	2:04:12 AM	SAH-15	EBD	TV	OCO	178	89,664
P00694631-1	2/13/2021	2:05:55 AM	LWS-16	EBJ	TV	OCO	25	23,542
P00694048-1	2/13/2021	2:12:58 AM	ENU-18	EBI	EF	OJU	8	16,109
P00693982-1	2/13/2021	2:18:26 AM	CUM-15	EBI	TV	OCO	152	103,963
P00694195-1	2/13/2021	2:18:30 AM	LYO-12	EBJ	TV	OCO	1,428	625,739
P00694052-1	2/13/2021	2:31:07 AM	ENU-16	EBI	UN	OCO	927	545,026
P00695002-1	2/13/2021	2:36:56 AM	ENU-16	EBI	TV	OCO	38	42,096
P00694056-1	2/13/2021	2:51:00 AM	TLN-0157	EBI	TV	OCO	-	7,041
P00694063-1	2/13/2021	2:52:42 AM	GWR-13	EBI	TV	OCO	496	484,169
P00694057-1	2/13/2021	2:52:52 AM	CPV-12	EAD	TV	OCO	2	1,212
P00694061-1	2/13/2021	3:06:51 AM	GWR-16	EBI	TV	OCO	208	245,263
P00694721-1	2/13/2021	3:08:17 AM	ENU-17	EBI	TV	OCO	5	5,598
P00694064-1	2/13/2021	3:11:35 AM	ROC-17	ECC	TV	OCO	37	42,774
P00694065-1	2/13/2021	3:15:48 AM	FAL-13	EBF	TV	OCO	247	105,955
P00694076-1	2/13/2021	3:24:48 AM	BUC-25	ECA	TV	OPO	678	443,034
P00694077-1	2/13/2021	3:26:18 AM	CUM-15	EBI	TV	OTR	1	1,363
P00694078-1	2/13/2021	3:26:33 AM	BUC-15	ECA	EF	UPC	96	54,295
P00694081-1	2/13/2021	3:28:42 AM	AIR-22	ECC	EF	OCO	38	24,558
P00694085-1	2/13/2021	3:37:42 AM	BUC-25	ECA	TV	OCO	61	27,755
P00694091-1	2/13/2021	3:43:39 AM	CUM-15	EBI	TV	OCO	56	48,988
P00694094-1	2/13/2021	3:45:35 AM	ENU-17	EBI	TV	OCO	618	394,573
P00694095-1	2/13/2021	3:47:19 AM	FAL-13	EBF	TV	OCO	42	50,462
P00694097-1	2/13/2021	3:48:02 AM	NBE-16	EBF	TV	OCO	1,445	378,132
P00694105-1	2/13/2021	3:48:51 AM	HOB-15	EBI	TV	OCO	2	1,395
P00694124-1	2/13/2021	3:54:50 AM	MSI-25	EBF	TV	OCO	13	21,840
P00694138-1	2/13/2021	3:57:44 AM	FAL-16	EBF	TV	OCO	19	11,981
P00694131-1	2/13/2021	3:59:02 AM	FAL-16	EBF	TV	OTF	3	1,324
P00694139-1	2/13/2021	4:04:02 AM	HOB-17	EBI	TV	OCO	47	46,676
P00694141-1	2/13/2021	4:05:05 AM	MSI-24	EBF	TV	OCO	147	171,240
P00694145-1	2/13/2021	4:05:49 AM	FCR-12	EBI	TV	OCO	146	61,138
P00694148-1	2/13/2021	4:08:20 AM	FAL-13	EBF	TV	OTF	9	4,280

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00694155-1	2/13/2021	4:15:46 AM	CUM-15	EBI	TV	OSV	2	2,575
P00694156-1	2/13/2021	4:18:09 AM	RAI-12	ECC	TV	OCO	64	23,303
P00694157-1	2/13/2021	4:18:15 AM	KLA-17	EBD	TV	OCN	3	2,741
P00694170-1	2/13/2021	4:29:15 AM	FAL-16	EBF	TV	OCR	35	29,252
P00694174-1	2/13/2021	4:41:17 AM	BLU-17	ECC	TV	OCO	50	31,431
P00694175-1	2/13/2021	4:41:56 AM	HOB-16	EBI	TV	OSV	1	492
P00694530-1	2/13/2021	5:10:41 AM	CUM-13	EBI	TV	OFU	-	5,987
P00694457-1	2/13/2021	5:15:53 AM	SPG-13	ECC	EF	OCO	86	50,391
P00694200-1	2/13/2021	5:20:10 AM	SNQ-17	EBF	TV	OCO	6	4,215
P00694202-1	2/13/2021	5:20:24 AM	SNQ-15	EBF	TV	OCO	1,316	684,493
P00694205-1	2/13/2021	5:23:38 AM	TOL-17	EBD	TV	OCO	24	17,189
P00694575-1	2/13/2021	5:25:25 AM	SNQ-16	EBF	TV	OCO	6	4,581
P00694218-1	2/13/2021	5:33:54 AM	CHA-13	ECC	TV	OCO	422	148,396
P00694222-1	2/13/2021	5:43:44 AM	HOB-17	EBI	TV	OSV	1	872
P00694224-1	2/13/2021	5:48:02 AM	OBY-17	ECC	TV	OCO	3	1,154
P00694235-1	2/13/2021	5:56:26 AM	FAL-13	EBF	TV	OCO	4	2,036
P00694240-1	2/13/2021	6:03:00 AM	TLN-0042	EBI	TV	OCO	879	118,153
P00694251-1	2/13/2021	7:03:10 AM	WIN-12	ECE	TV	OCO	29	24,087
P00694255-1	2/13/2021	7:06:27 AM	POU-16	ECE	TV	OCO	218	117,589
P00694259-1	2/13/2021	7:08:12 AM	PMA-15	ECE	TV	OCO	60	8,844
P00694600-1	2/13/2021	7:09:50 AM	PLG-16	ECC	TV	OCO	4	3,380
P00694261-1	2/13/2021	7:10:08 AM	PLG-16	ECC	TV	OCO	32	27,046
P00694277-1	2/13/2021	7:28:51 AM	MIL-23	ECE	EF	OCO	66	51,964
P00694282-1	2/13/2021	7:33:28 AM	LYO-12	EBJ	TV	OCO	3	1,107
P00694285-1	2/13/2021	7:36:35 AM	RAI-13	ECC	EF	OTR	1	337
P00694286-1	2/13/2021	7:36:46 AM	BUC-16	ECA	TV	OCO	5	1,887
P00694288-1	2/13/2021	7:41:04 AM	LTA-17	ECA	EF	PMP	1	319
P00694298-1	2/13/2021	7:55:51 AM	LYO-12	EBJ	TV	OCO	1	393
P00694302-1	2/13/2021	8:06:00 AM	BLU-16	ECC	TV	OCO	3	3,721
P00694305-1	2/13/2021	8:09:13 AM	KIN-21	ECE	EF	OCO	15	13,959
P00694314-1	2/13/2021	8:16:33 AM	NBE-16	EBF	TV	OCO	209	36,669

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00694330-1	2/13/2021	8:33:17 AM	HOB-15	EBI	TV	OCR	44	15,933
P00694332-1	2/13/2021	8:34:54 AM	HOB-15	EBI	TV	OCO	-	2,811
P00694344-1	2/13/2021	8:42:26 AM	LON-23	ECC	TV	OCO	12	5,030
P00694346-1	2/13/2021	8:44:15 AM	WAB-12	EBI	EF	OFU	3	5,049
P00694348-1	2/13/2021	8:45:30 AM	LWS-12	EBJ	UN	UOT	7	4,982
P00694350-1	2/13/2021	8:47:28 AM	PRI-13	ECC	TV	OCO	4	3,582
P00694913-1	2/13/2021	8:53:00 AM	ENU-17	EBI	UN	UNK	2	1,921
P00694357-1	2/13/2021	9:00:25 AM	CRE-12	EAD	TV	OFU	4	295
P00694361-1	2/13/2021	9:01:31 AM	FRG-25	ECC	EF	OCO	164	87,054
P00694624-1	2/13/2021	9:17:57 AM	ELD-25	ECC	UN	OCO	6	6,306
P00694396-1	2/13/2021	9:33:21 AM	HOB-15	EBI	TV	OCO	1	328
P00694400-1	2/13/2021	9:35:33 AM	CRE-12	EAD	TV	OFU	124	14,012
P00694404-1	2/13/2021	9:37:06 AM	SPG-13	ECC	TV	OCO	88	12,564
P00694407-1	2/13/2021	9:40:58 AM	PRI-23	ECC	TV	OCO	18	7,102
P00694414-1	2/13/2021	9:45:12 AM	LOL-23	ECD	EF	OCO	12	5,871
P00694430-1	2/13/2021	9:59:06 AM	LON-26	ECC	TV	OCO	1	970
P00694443-1	2/13/2021	10:09:56 AM	VAS-13	EBL	TV	OCO	69	8,837
P00694445-1	2/13/2021	10:10:56 AM	SIL-15	ECE	EF	OCO	23	73,960
P00694449-1	2/13/2021	10:14:15 AM	FNW-16	ECD	TV	OCO	61	15,233
P00694460-1	2/13/2021	10:23:03 AM	BUC-25	ECA	TV	OCO	5	1,343
P00694466-1	2/13/2021	10:31:09 AM	PAT-16	ECC	TV	OCO	278	117,158
P00694473-1	2/13/2021	10:32:33 AM	RAI-14	ECC	EF	OCO	1	213
P00694499-1	2/13/2021	10:45:20 AM	SUM-21	EAC	TV	OCO	72	84,763
P00694501-1	2/13/2021	10:45:54 AM	SAH-15	EBD	TV	OCO	1	525
P00694503-1	2/13/2021	10:47:34 AM	PET-16	EAC	TV	OFU	9	1,544
P00694516-1	2/13/2021	10:50:38 AM	CLV-16	EAD	TV	OCO	143	48,841
P00694514-1	2/13/2021	10:51:05 AM	HLC-25	EAD	TV	OSV	6	671
P00694519-1	2/13/2021	10:51:26 AM	ANA-15	EAC	TV	OFU	11	6,692
P00694518-1	2/13/2021	10:52:00 AM	AIR-23	ECC	TV	OCO	4	1,617
P00694527-1	2/13/2021	11:05:05 AM	HOU-27	EBD	EF	UPT	2	1,552
P00694528-1	2/13/2021	11:05:32 AM	FNW-16	ECD	TV	OCO	2	886

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00694532-1	2/13/2021	11:09:51 AM	AIR-23	ECC	TV	OCO	26	9,613
P00694537-1	2/13/2021	11:12:18 AM	OSC-25	EBI	TV	OTF	3	3,753
P00694550-1	2/13/2021	11:27:48 AM	LUH-14	ECC	TV	OCO	45	32,347
P00694554-1	2/13/2021	11:30:18 AM	ENU-16	EBI	TV	OCO	2	2,573
P00694555-1	2/13/2021	11:30:54 AM	PRI-13	ECC	TV	OCO	3	1,804
P00694557-1	2/13/2021	11:32:18 AM	PET-13	EAC	TV	OCO	23	24,979
P00694599-1	2/13/2021	11:35:52 AM	NBE-16	EBF	EF	OCO	209	65,198
P00694564-1	2/13/2021	11:36:07 AM	PET-16	EAC	TV	OCO	8	6,197
P00694410-1	2/13/2021	11:38:00 AM	WIN-13	ECE	EF	OCO	26	27,101
P00694565-1	2/13/2021	11:38:54 AM	CAS-16	EBH	EF	OTF	2	532
P00694570-1	2/13/2021	11:42:41 AM	FNW-13	ECD	EF	OTR	2	478
P00694065-1	2/13/2021	11:50:17 AM	FAL-13	EBF	TV	OCO	397	93,923
P00694582-1	2/13/2021	11:57:44 AM	BRW-15	EAC	EF	OSV	1	1,340
P00694586-1	2/13/2021	12:00:48 PM	WLS-16	EAC	TV	OCO	32	14,938
P00694590-1	2/13/2021	12:02:05 PM	SHE-17	ECE	TV	OSV	1	249
P00694596-1	2/13/2021	12:03:00 PM	PLG-13	ECC	TV	OCO	32	13,312
P00694593-1	2/13/2021	12:04:04 PM	HOB-15	EBI	TV	OTF	2	878
P00694594-1	2/13/2021	12:07:11 PM	RAI-14	ECC	TV	OSV	1	730
P00694598-1	2/13/2021	12:13:51 PM	UHL-23	EBD	TV	OCO	2	388
P00694604-1	2/13/2021	12:17:24 PM	PET-13	EAC	TV	OCO	26	69,954
P00694610-1	2/13/2021	12:20:40 PM	GRI-15	ECC	TV	OSV	3	1,451
P00694617-1	2/13/2021	12:26:41 PM	WLK-15	ECA	TV	OCO	24	17,786
P00694627-1	2/13/2021	12:32:31 PM	CRE-12	EAD	TV	OCO	2	2,253
P00694294-1	2/13/2021	12:40:00 PM	SIL-15	ECE	TV	OCO	355	16,714
P00694046-1	2/13/2021	12:41:22 PM	FAL-15	EBF	TV	OCO	108	19,107
P00694638-1	2/13/2021	12:42:00 PM	PLG-13	ECC	TV	OCO	2	827
P00694643-1	2/13/2021	12:43:39 PM	HIG-16	EBE	EF	OCO	5	5,482
P00694644-1	2/13/2021	12:45:06 PM	POU-13	ECE	EF	OTR	2	172
P00694591-1	2/13/2021	12:57:30 PM	PET-15	EAC	TV	OCO	125	7,813
P00694671-1	2/13/2021	1:18:26 PM	CRE-15	EAD	TV	OFU	19	1,569
P00694673-1	2/13/2021	1:20:50 PM	16-Dec	ECC	EF	UEL	132	43,753

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00694635-1	2/13/2021	1:22:25 PM	FAL-15	EBF	TV	OCO	1	146
P00694686-1	2/13/2021	1:32:23 PM	EPO-16	ECD	TV	OCO	87	20,812
P00694687-1	2/13/2021	1:33:56 PM	CLV-16	EAD	TV	OCO	43	10,059
P00694689-1	2/13/2021	1:37:41 PM	SHE-26	ECE	TV	OCO	359	93,843
P00694700-1	2/13/2021	1:47:24 PM	GBK-15	EAD	EF	OTR	2	646
P00694702-1	2/13/2021	1:48:03 PM	CLV-16	EAD	TV	OCO	66	27,446
P00694704-1	2/13/2021	1:49:56 PM	MIR-17	EBF	EF	UPT	4	3,575
P00694714-1	2/13/2021	2:02:06 PM	ENU-17	EBI	TV	OCO	5	2,484
P00694719-1	2/13/2021	2:14:17 PM	ENU-16	EBI	EF	PTF	10	5,136
P00694724-1	2/13/2021	2:20:15 PM	CHI-12	ECD	EF	UPC	17	10,917
P00694726-1	2/13/2021	2:22:22 PM	PET-15	EAC	TV	SCB	2,444	241,101
P00694738-1	2/13/2021	2:23:34 PM	GRI-16	ECC	TV	OCO	11	7,723
P00694613-1	2/13/2021	2:26:12 PM	PET-13	EAC	TV	OCR	28	11,894
P00694771-1	2/13/2021	2:41:58 PM	ROC-16	ECC	TV	OCO	6	1,350
P00694776-1	2/13/2021	2:47:25 PM	BON-13	ECA	EF	UPC	4	4,657
P00693943-1	2/13/2021	3:10:49 PM	HOB-16	EBI	TV	OCO	12	3,625
P00694814-1	2/13/2021	3:50:46 PM	GRI-16	ECC	TV	UPC	1	1,845
P00694814-3	2/13/2021	3:50:46 PM	GRI-16	ECC	TV	UTC	1	1,845
P00694816-1	2/13/2021	3:51:27 PM	RPT-23	ECD	TV	OTR	5	875
P00694820-1	2/13/2021	3:57:40 PM	MTV-16	EAC	TV	OSV	3	403
P00694830-1	2/13/2021	4:08:40 PM	FAB-15	EAD	EF	UPC	533	202,651
P00694955-1	2/13/2021	4:10:03 PM	RPT-23	ECD	TV	OTR	1	159
P00694173-1	2/13/2021	4:11:27 PM	BUC-25	EBI	TV	OPO	260	99,269
P00694853-1	2/13/2021	4:23:45 PM	POU-16	ECE	TV	OCO	218	17,425
P00694868-1	2/13/2021	4:35:38 PM	ENU-15	EBI	TV	OCO	7	3,426
P00694869-1	2/13/2021	4:35:58 PM	ENU-18	EBI	EF	OJU	1	581
P00694948-1	2/13/2021	4:45:01 PM	SUM-21	EAC	TV	OCO	36	22,085
P00694884-1	2/13/2021	4:49:01 PM	NBE-16	EBF	EF	OCO	209	20,312
P00694891-1	2/13/2021	4:54:44 PM	OSC-25	EBI	EF	OFC	2	1,276
P00694918-1	2/13/2021	5:26:27 PM	PMA-15	ECE	TV	OFU	30	4,222
P00694919-1	2/13/2021	5:30:40 PM	VWY-15	EAA	UN	OFU	1	80

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00694933-1	2/13/2021	5:58:11 PM	LAB-23	EAA	EF	OSV	1	140
P00694939-1	2/13/2021	6:12:36 PM	ENU-16	EBI	EF	OJU	1	684
P00694170-2	2/13/2021	6:25:29 PM	FAL-16	EBF	TV	OCO	71	25,965
P00694528-1	2/13/2021	6:29:01 PM	FNW-16	ECD	TV	OCO	2	92
P00694951-1	2/13/2021	6:40:00 PM	GRI-16	ECC	TV	OCO	28	17,968
P00694952-1	2/13/2021	6:41:26 PM	PLG-16	ECC	TV	OCO	4	656
P00694953-1	2/13/2021	6:42:31 PM	MIR-16	EBF	EF	UTF	3	584
P00694956-1	2/13/2021	6:45:25 PM	RDO-16	EBJ	TV	OSV	1	466
P00694964-1	2/13/2021	7:01:00 PM	ROC-16	ECC	EF	OCO	4	1,096
P00694969-1	2/13/2021	7:14:22 PM	ENU-17	EBI	EF	OTF	2	1,109
P00694972-1	2/13/2021	7:19:46 PM	PET-16	EAC	TV	OSV	1	177
P00694979-1	2/13/2021	7:37:46 PM	CRE-16	EAD	TV	OFU	136	25,622
P00694983-1	2/13/2021	7:42:49 PM	GWR-13	EBI	OD	OFU	161	22,803
P00694987-1	2/13/2021	7:45:24 PM	LAT-16	EBJ	EF	UPT	116	40,938
P00693840-1	2/13/2021	7:46:29 PM	CUM-15	EBI	TV	OCO	-	5,194
P00694988-1	2/13/2021	7:46:54 PM	SWA-16	EAD	TV	OCO	11	5,058
P00694996-1	2/13/2021	7:52:07 PM	ROC-25	ECC	TV	OTR	6	2,483
P00695015-1	2/13/2021	8:43:01 PM	MER-16	EBE	TV	OCO	198	27,522
P00695002-2	2/13/2021	9:04:00 PM	ENU-16	EBI	TV	OCO	38	13,616
P00695035-1	2/13/2021	9:12:22 PM	ENU-18	EBI	UN	OTF	2	1,108
P00695057-1	2/13/2021	9:16:20 PM	LGY-16	EAD	CP	OTR	1,615	540,226
P00695038-1	2/13/2021	9:17:29 PM	ENU-17	EBI	TV	OSV	1	513
P00695066-1	2/13/2021	9:37:30 PM	HYA-13	EBF	EF	UPT	6	7,576
P00695068-1	2/13/2021	9:40:49 PM	FAL-13	EBF	UN	OFC	11	1,381
P00695082-1	2/13/2021	10:12:30 PM	YEL-25	ECC	TV	OCO	12	7,164
P00695093-1	2/13/2021	10:34:39 PM	BUC-25	ECA	TV	OCO	468	41,114
P00695100-1	2/13/2021	11:12:39 PM	MSI-25	EBF	TV	OCO	6	5,298
P00694182-2	2/13/2021	11:22:25 PM	ROC-16	ECC	TV	OCO	-	154
P00693840-1	2/13/2021	11:28:22 PM	CUM-15	EBI	TV	OCO	-	7,493
P00695107-1	2/13/2021	11:35:23 PM	LWS-12	EBJ	TV	OPO	5	11,249

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



Cold Temperatures, Breezy Winds, & Impactful Lowland Snow

National Weather Service - Seattle, WA

Issued: Fri, Feb 12, 2021 - 03:55 AM

Next Update: 13 Feb 2021

Point of Contact: NWS Operations (24/7/365) 206-526-6095

KEY POINTS

- **Significantly colder conditions** Colder temperatures continue across Western Washington and will last through the weekend
- **Breezy Winds** Fraser Outflow winds to persist across the San Juan Islands and Western Whatcom county today. Breezy East Winds likely to continue off the Cascades today and persist through Saturday.
- **Lowland Snow** Additional snow accumulations likely across the area late tonight-Saturday as a much more significant winter storm brings widespread heavy snow to the area.
- **Dangerous avalanche conditions** will continue for many areas across the Olympics and Cascades. Large avalanches are possible.

CHANGES FROM PREVIOUS BRIEFING

- Increased confidence in impactful lowland snow potential tonight into Saturday, with winter storm watches upgraded to warnings.

WEATHER AND IMPACT OUTLOOK

Fri 02/12	Sat 02/13	Sun 02/14	Mon 02/15	Tue 02/16	Wed 02/17	Thu 02/18
Cold, Breezy East Winds, Increasing Snowfall areawide	Cold, Low Wind Chills, Breezy East Wind, Impactful Lowland Snow	Cold, Possible lowland snow	Lowland Rain/Snow Chances, Slightly Warmer	Temperatures Moderating, Rain/Snow mix		

Weather Impact Legend: None Low Medium High Extreme

CONFIDENCE AND DETAILS

Western Washington	
HIGH Confidence	<ul style="list-style-type: none"> • Cold Temperatures: Overnight low temperatures near or below freezing along with wind chills in the teens to low 20s through at least Saturday morning will impact those without adequate heating, as well as pets. • Breezy Conditions: Localized power outages and downed trees possible today-Saturday. • Lowland Snow: Travel impacts possible today-Saturday. Additional travel impacts possible into early next week.
Forecast Details	<ul style="list-style-type: none"> • Today <ul style="list-style-type: none"> ○ Additional snow accumulations of 1-2 inches possible for portions of the southern Sound through the morning hours. See graphic for details. ○ Cold morning lows in the teens to the mid 20s, with wind chills in the teens to low 20s. ○ Daytime highs in the low to mid 30s. ○ East winds continue off the Cascades. Winds will persist at 15 to 25 mph through the day for the mountains and nearby hills, increasing to 20-30 mph with gusts to 40 mph tonight and into Saturday morning. ○ Fraser Outflow will continue, however gradually subside across Whatcom County and the San Juan Islands today. Winds will remain breezy in the area through tonight.