

**2020 Qualifying Events Report**

September 7, 2020 Event

Filed on

December 4, 2020



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### Event Description

#### Event Date and Time

Start: 09/07/2020, 15:00

End: 09/10/2020, 12:00

#### Event Type

Wind, Wildfire

#### Service Areas Significantly Affected

Kitsap County, Vashon Island, South King County, and Pierce County

#### Number of Customers Affected

System wide, approximately 182,911 customers were without power during the course of this event.

#### Summary of System Impacts

Total Number of Outages for the Event	537
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Transmission Lines Affected	11
Impacted Substations	8

#### Mobilization Summary

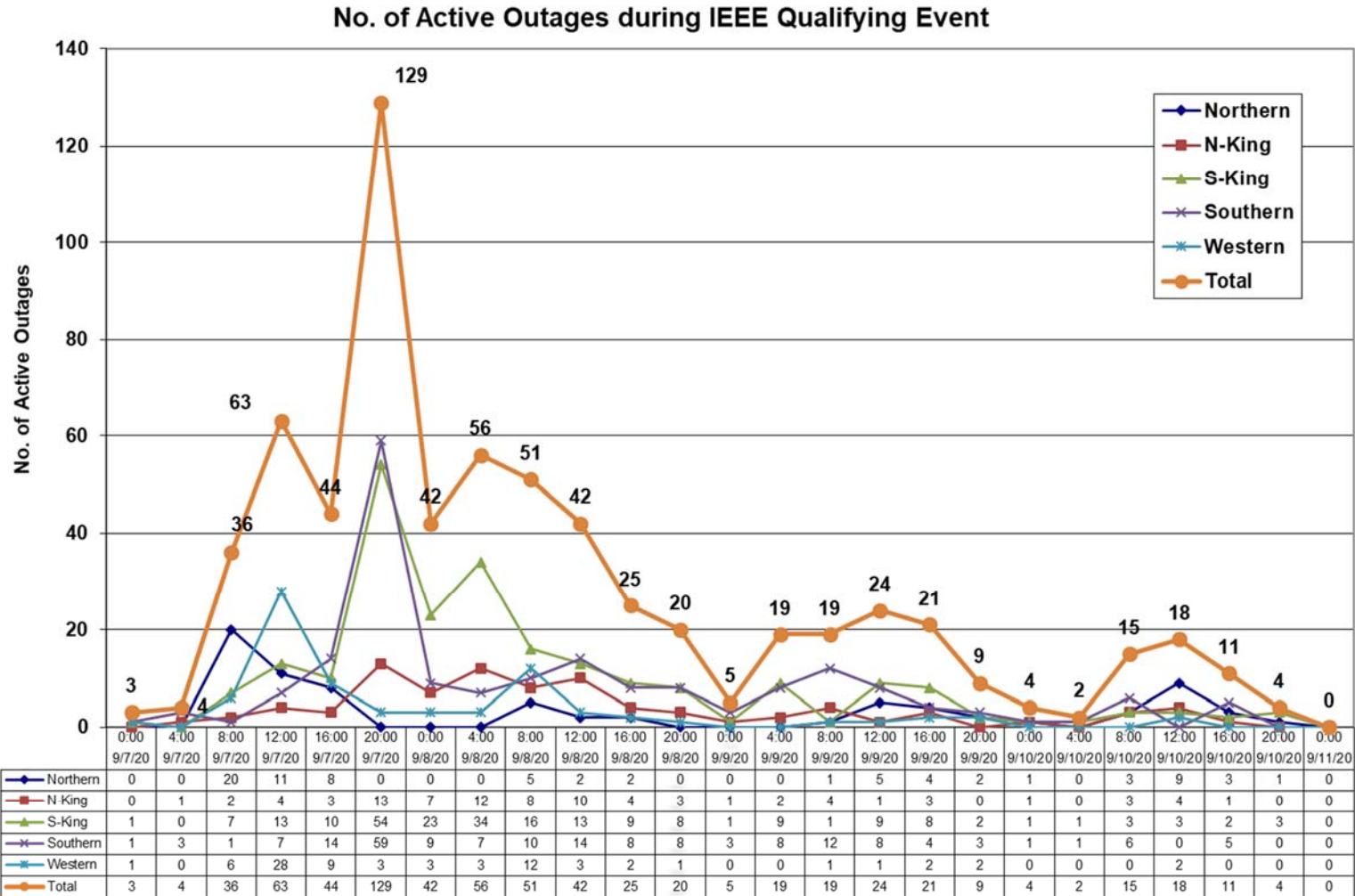
##### Operating Bases Placed In Emergency Status

Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom/Skagit	N/A			
Island	N/A			
North King	N/A			
South King	9/7/2020	23:00	9/10/2020	06:00
Pierce	9/7/2020	21:00	9/10/2020	06:00
Thurston	N/A			
Kitsap	9/7/2020	17:00	9/9/2020	09:30
Vashon Island	9/7/2020	17:00	9/9/2020	09:30
Kittitas	N/A			

##### Emergency Coordination Center (ECC)

	Date Opened	Time Opened	Date Closed	Time Closed
ECC	9/8/2020	00:01	9/9/2020	24:00

Active Outage Events



### 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)
9/7/2020 15:00 – 2/8/2020 18:00	121,504,035	1,182,208	102.78

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

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

**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	\$5,411,645
1/31/2020	22.22	\$2,146,200
2/7/2020	9.82	\$1,674,323
2/23/2020	8.42	\$420,260
9/7/2020	73.21	\$5,491,853

**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	\$1,749,128	\$0	\$5,411,645	\$5,411,645	\$7,160,773*
1/31/2020	\$0	\$613,197	\$0	\$2,146,200	\$2,146,200	\$2,759,396*
2/7/2020	\$0	\$441,416	\$0	\$1,674,323	\$1,674,323	\$2,115,739*
2/23/2020	\$0	\$367,129	\$0	\$635,267	\$635,267	\$1,002,396*
3/14/2020	\$0	\$407,013	\$420,260		\$420,260	\$827,273
9/7/2020	\$5,359,288	\$983,235	\$0	\$132,565	\$5,491,853	\$6,475,088

\* = Revised

**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
\$10,415,519	\$5,683,736	\$420,260	\$10,000,000	\$20,835,779	\$26,519,516

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

**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						
September 7, 2020 NON-Qualifying Storm Damage Repair Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
ST	\$ -	\$ 201	\$ -	\$ 98,417	\$ 98,417	\$ 98,618
OT	\$ -	\$ -	\$ -	\$ 573,670	\$ 573,670	\$ 573,670
Total Labor	\$ -	\$ 201	\$ -	\$ 672,087	\$ 672,087	\$ 672,288
Labor OH	\$ -	\$ 199,853	\$ -	\$ 2,499	\$ 2,499	\$ 202,352
Materials	\$ -	\$ 142,285	\$ -	\$ 222,709	\$ 222,709	\$ 364,993
Contractors	\$ -	\$ 637,168	\$ -	\$ 4,165,326	\$ 4,165,326	\$ 4,802,494
Other Direct Charge:	\$ -	\$ 818	\$ -	\$ 44,401	\$ 44,401	\$ 45,219
Fleet	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Assessments	\$ -	\$ 2,911	\$ -	\$ 384,831	\$ 384,831	\$ 387,741
Deferred Expenses	\$ 5,359,288	\$ -	\$ -	\$ -		\$ -
	\$ 5,359,288	\$ 983,235	\$ -	\$ 5,491,852	\$ 5,491,852	\$ 6,475,088

ST: Standard time

OT: Over time

OH: Overhead



**Detailed List of Outages – 9/7/2020, First TMED-Exceeding Day**

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00632165-1	9/7/2020	2:50:24 AM	PMA-13	ECE	EF	UPC	25	6,421
P00632166-1	9/7/2020	2:52:00 AM	ASB-13	EBJ	EF	UTR	75	33,333
P00632168-1	9/7/2020	5:50:56 AM	SAH-16	EBD	EF	UPC	83	14,692
P00632169-1	9/7/2020	6:42:00 AM	GRV-16	ECA	BA	OTF	9	540
P00632171-1	9/7/2020	7:29:59 AM	CHA-13	ECC	BA	UTC	159	29,879
P00632173-1	9/7/2020	7:36:12 AM	PAT-13	ECC	BA	OTF	73	9,202
P00632177-1	9/7/2020	8:16:00 AM	ORC-15	EBJ	EF	OFU	49	7,448
P00632185-1	9/7/2020	8:18:02 AM	ORC-15	EBJ	EF	UGF	27	4,049
P00632180-1	9/7/2020	8:45:51 AM	BKB-15	EAC	BA	OCO	1,131	77,887
P00632184-1	9/7/2020	8:57:31 AM	BKB-15	EAC	BA	OCO	8	423
P00632186-1	9/7/2020	9:02:47 AM	VIS-23	EAA	TV	OTF	2	102
P00632187-1	9/7/2020	9:15:41 AM	UHL-22	EBD	BA	OCO	7	455
P00632189-1	9/7/2020	9:29:29 AM	VAS-23	EBL	TV	OTR	3	236
P00632190-1	9/7/2020	9:33:28 AM	BEL-16	EBJ	BA	OTF	1	152
P00632191-1	9/7/2020	9:40:19 AM	POU-13	ECE	TV	OCO	31	8,226
P00632202-1	9/7/2020	10:10:16 AM	ALG-15	EAC	TV	OCO	69	6,360
P00632208-1	9/7/2020	10:14:43 AM	WOB-25	EAA	UN	SCB	5,936	536,417
P00632209-1	9/7/2020	10:20:03 AM	BHS-13	EAA	TV	OTR	3	2,556
P00632212-1	9/7/2020	10:22:54 AM	BEL-16	EBJ	TV	OCO	567	118,130
P00632213-1	9/7/2020	10:26:11 AM	WLS-16	EAC	TV	OCO	12	2,185
P00632217-1	9/7/2020	10:35:22 AM	NUG-26	EAA	TV	OFU	4	1,513
P00632218-1	9/7/2020	10:37:05 AM	VWY-15	EAA	TV	OTF	2	946
P00632220-1	9/7/2020	10:43:42 AM	CHI-16	ECD	TV	OFU	47	17,448
P00632225-1	9/7/2020	10:47:09 AM	BRW-15	EAC	TV	OCO	1	293
P00632226-1	9/7/2020	10:47:15 AM	FNW-17	ECD	TV	OFU	18	7,108
P00632236-1	9/7/2020	10:50:57 AM	GLA-12	EAA	TV	OCO	1,097	639,180
P00632238-1	9/7/2020	10:54:00 AM	BAS-13	EBJ	TV	OCO	1	468
P00632243-1	9/7/2020	11:06:17 AM	CRE-12	EAD	TV	OPO	26	2,681
P00632244-1	9/7/2020	11:07:00 AM	CAM-26	EBJ	TV	OCO	74	38,095
P00632250-1	9/7/2020	11:13:29 AM	MAX-12	EAD	TV	OCO	1,230	126,731
P00632251-1	9/7/2020	11:16:35 AM	CAR-16	EAA	TV	UTC	10	2,473
P00632263-1	9/7/2020	11:17:44 AM	SKE-23	ECE	TV	OFU	1	390
P00632254-1	9/7/2020	11:19:25 AM	TRA-26	ECE	TV	OFU	73	24,814
P00632257-1	9/7/2020	11:21:45 AM	HLC-24	EAD	TV	OAR	1,396	126,624
P00632261-1	9/7/2020	11:28:19 AM	LYN-17	EAA	TV	OTR	50	4,818
P00632262-1	9/7/2020	11:28:25 AM	WLS-16	EAC	TV	OCN	1	700
P00632273-1	9/7/2020	11:39:19 AM	LAT-13	EBJ	EF	OTF	12	839
P00632275-1	9/7/2020	11:44:12 AM	FLD-15	EAD	TV	OFU	82	16,205
P00632281-1	9/7/2020	11:55:30 AM	ROC-25	ECC	EF	OCO	129	19,301
P00632284-1	9/7/2020	11:56:23 AM	BAK-26	EAA	TV	OCO	566	18,310
P00632283-1	9/7/2020	11:56:41 AM	SWD-13	ECE	TV	OCO	2	2,408
P00632286-1	9/7/2020	11:59:48 AM	SST-14	EAA	TV	OSV	14	2,031

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00632287-1	9/7/2020	12:00:20 PM	RPT-15	ECD	TV	OTR	3	2,065
P00632288-1	9/7/2020	12:01:17 PM	TRA-26	ECE	TV	OFU	222	56,073
P00632290-1	9/7/2020	12:01:34 PM	BRI-17	EAA	OD	OCO	1,753	115,873
P00632300-1	9/7/2020	12:02:07 PM	TRA-23	ECE	TV	OCO	40	8,299
P00632322-1	9/7/2020	12:04:11 PM	SIL-15	ECE	TV	OTR	3	3,767
P00632330-1	9/7/2020	12:11:20 PM	LEA-13	EBJ	BA	OTF	1	132
P00632331-1	9/7/2020	12:14:57 PM	SHE-17	ECE	TV	OFU	100	16,650
P00632337-1	9/7/2020	12:18:31 PM	ALG-15	EAC	EF	OCO	1,414	171,001
P00632353-1	9/7/2020	12:20:14 PM	PLY-13	EAA	TV	OCO	21	4,120
P00632371-1	9/7/2020	12:25:36 PM	SIN-22	ECD	TV	OCO	24	6,414
P00632373-1	9/7/2020	12:26:34 PM	CEK-14	ECE	TV	OCO	41	30,436
P00632378-1	9/7/2020	12:32:12 PM	BRE-22	ECD	TV	SCB	895	91,305
P00632379-1	9/7/2020	12:33:46 PM	BEL-23	EBJ	TV	OCO	33	1,823
P00632381-1	9/7/2020	12:36:15 PM	LOL-23	ECD	TV	OCO	263	106,243
P00632390-1	9/7/2020	12:48:28 PM	FRA-16	ECD	TV	OCO	2	2,895
P00632392-1	9/7/2020	12:50:35 PM	RPT-17	ECD	TV	OCO	154	100,947
P00632393-1	9/7/2020	12:51:17 PM	BEL-16	EBJ	TV	OCO	1	37
P00632399-1	9/7/2020	12:58:04 PM	FNW-16	ECD	TV	OFU	24	3,124
P00632401-1	9/7/2020	12:59:33 PM	CRE-16	EAD	TV	OCO	92	34,686
P00632403-1	9/7/2020	1:01:15 PM	SIN-24	ECD	TV	SCB	2,051	153,039
P00632410-1	9/7/2020	1:05:51 PM	CHI-12	ECD	TV	OCO	79	16,873
P00632413-1	9/7/2020	1:08:27 PM	PLU-24	ECC	TV	OTF	9	1,053
P00632417-1	9/7/2020	1:12:23 PM	MAX-12	EAD	TV	OCO	48	2,778
P00632418-1	9/7/2020	1:12:27 PM	WOB-25	EAA	EF	OTF	2	14
P00632421-1	9/7/2020	1:14:13 PM	SIN-22	ECD	TV	OCO	55	5,671
P00632438-1	9/7/2020	1:25:32 PM	KNM-26	EBD	TV	OCO	61	7,170
P00632434-1	9/7/2020	1:29:49 PM	MIL-17	ECE	TV	OFU	11	2,910
P00632435-1	9/7/2020	1:31:19 PM	SLA-16	EAA	TV	OFU	34	16,654
P00632436-1	9/7/2020	1:35:01 PM	CAR-16	EAA	EF	OTF	11	1,661
P00632446-1	9/7/2020	1:39:21 PM	LOL-21	ECD	TV	OHR	76	14,017
P00632468-1	9/7/2020	1:41:16 PM	SIL-13	ECE	TV	OPO	9	5,990
P00632485-1	9/7/2020	1:43:31 PM	AIR-26	ECC	TV	OCO	494	57,153
P00632501-1	9/7/2020	1:47:54 PM	MIL-17	ECE	TV	OCO	82	16,280
P00632466-1	9/7/2020	1:49:15 PM	SWA-12	EAD	UN	OFU	33	2,749
P00632538-1	9/7/2020	1:50:32 PM	PRI-13	ECC	TV	OCO	96	14,843
P00632473-1	9/7/2020	1:53:08 PM	POU-16	ECE	TV	OCN	62	40,145
P00632491-1	9/7/2020	2:04:55 PM	PMA-16	ECE	EF	OPO	4	11,395
P00632494-1	9/7/2020	2:09:44 PM	CHI-12	ECD	TV	OTR	5	1,707
P00632783-1	9/7/2020	2:17:46 PM	POU-16	ECE	TV	OCO	3	2,045
P00632498-1	9/7/2020	2:18:57 PM	ING-16	EBD	TV	OCO	2	586
P00632332-1	9/7/2020	2:29:13 PM	CHI-12	ECD	TV	OFU	113	6,648
P00632718-1	9/7/2020	2:31:55 PM	RAI-13	ECC	TV	OCO	51	13,578

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00632528-1	9/7/2020	2:47:03 PM	SPG-13	ECC	TV	OTR	1	308
P00632533-1	9/7/2020	2:50:51 PM	RPT-15	ECD	TV	OCO	25	13,011
P00632534-1	9/7/2020	2:55:21 PM	CLE-11	EBH	TV	OCO	91	8,580
P00632646-1	9/7/2020	2:58:00 PM	ELD-23	ECC	TV	OCO	33	2,483
P00632540-1	9/7/2020	2:59:08 PM	PMA-12	ECE	TV	UPC	8	8,612
P00632546-1	9/7/2020	3:02:40 PM	KIT-22	EBH	TV	OSV	2	250
P00632556-1	9/7/2020	3:11:08 PM	SEM-14	EAA	UN	OCO	3,761	319,997
P00632559-1	9/7/2020	3:13:29 PM	FLD-12	EAD	TV	OIN	1	472
P00632565-1	9/7/2020	3:20:23 PM	LLT-16	EBD	TV	OCO	11	2,397
P00632571-1	9/7/2020	3:27:02 PM	ROC-25	ECC	EF	OTR	1	509
P00632572-1	9/7/2020	3:27:37 PM	ROS-21	EBD	EF	USV	1	400
P00632573-1	9/7/2020	3:29:00 PM	LAT-15	EBJ	TV	OCO	1,305	110,360
P00632596-1	9/7/2020	3:42:50 PM	LAT-13	EBJ	TV	OCO	-	21
P00632604-1	9/7/2020	3:43:20 PM	LAT-13	EBJ	TV	OCO	-	41
P00632607-1	9/7/2020	3:43:23 PM	LAT-13	EBJ	TV	OCO	-	93
P00632606-1	9/7/2020	3:43:23 PM	LAT-13	EBJ	TV	OCO	-	541
P00632609-1	9/7/2020	3:43:43 PM	LAT-13	EBJ	TV	OCO	-	1,026
P00632608-1	9/7/2020	3:43:46 PM	LAT-13	EBJ	TV	OCO	-	162
P00632620-1	9/7/2020	3:43:47 PM	LAT-13	EBJ	TV	OCO	1,255	476,641
P00632629-1	9/7/2020	3:49:00 PM	FNW-16	ECD	TV	OCO	62	33,866
P00632649-1	9/7/2020	3:58:08 PM	SIN-23	ECD	TV	OPO	288	291,639
P00632675-1	9/7/2020	4:07:59 PM	MCW-17	ECE	TV	OTR	9	2,310
P00632691-1	9/7/2020	4:14:30 PM	GBK-13	EAD	TV	OCO	41	3,633
P00632692-1	9/7/2020	4:15:06 PM	FLD-15	EAD	EF	OFC	24	6,541
P00632677-1	9/7/2020	4:21:26 PM	LOL-21	ECD	TV	OCO	11	655
P00632715-1	9/7/2020	4:31:26 PM	WAB-13	EBI	TV	OCO	34	7,230
P00632508-1	9/7/2020	4:34:15 PM	RAI-13	ECC	TV	OCO	33	12,759
P00632719-1	9/7/2020	4:34:55 PM	PET-16	EAC	TV	OSV	3	1,134
P00632720-1	9/7/2020	4:35:02 PM	FRA-12	ECD	TV	OCO	-	45,415
P00632723-1	9/7/2020	4:37:39 PM	SIN-22	ECD	TV	OSV	2	5,760
P00632727-1	9/7/2020	4:38:30 PM	SHE-15	ECE	TV	OCO	13	1,606
P00632729-1	9/7/2020	4:39:11 PM	SHE-26	ECE	TV	OCO	359	75,037
P00632556-1	9/7/2020	4:40:13 PM	SEM-14	EAA	UN	OCO	3,755	254,780
P00632745-1	9/7/2020	4:52:00 PM	PAT-15	ECC	EF	OCO	101	44,839
P00632750-1	9/7/2020	4:53:24 PM	RPT-22	ECD	EF	OCO	2,862	726,337
P00632764-1	9/7/2020	5:04:40 PM	SWE-27	EBJ	TV	OCO	1,125	91,856
P00632768-1	9/7/2020	5:06:41 PM	CWD-22	EBD	TV	OCO	1,314	237,594
P00632770-1	9/7/2020	5:10:23 PM	PLA-22	EBD	BA	UOT	2	318
P00632771-1	9/7/2020	5:11:26 PM	NNO-12	EBJ	TV	OCO	68	27,851
P00632794-1	9/7/2020	5:27:42 PM	BOW-27	EBJ	TV	OCO	-	48,524
P00632815-1	9/7/2020	5:56:53 PM	PMA-13	ECE	TV	OCO	32	31,433
P00632819-1	9/7/2020	5:58:55 PM	BUC-26	ECA	TV	OHR	661	86,822

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00632851-1	9/7/2020	6:02:00 PM	SHA-15	ECA	EF	OPO	2,733	558,396
P00632484-1	9/7/2020	6:05:53 PM	HAP-16	EAA	TV	OCO	5	3,658
P00632521-1	9/7/2020	6:08:05 PM	BCH-15	EAA	TV	OCO	6	3,204
P00633402-1	9/7/2020	6:20:08 PM	SHA-15	ECA	TV	OCO	259	360,679
P00632880-1	9/7/2020	6:22:44 PM	BOW-26	EBJ	TV	OCO	27	9,835
P00632883-1	9/7/2020	6:23:05 PM	FRU-22	ECA	EF	OPO	-	737
P00632889-1	9/7/2020	6:30:15 PM	BLA-13	EAA	TV	OCO	964	136,962
P00632891-1	9/7/2020	6:35:34 PM	BOW-26	EBJ	TV	OCO	1	353
P00632899-1	9/7/2020	6:46:01 PM	ENU-17	EBI	TV	OCO	41	46,201
P00634676-1	9/7/2020	6:47:26 PM	RHO-15	ECA	TV	OCO	2,089	3,321,023
P00632902-1	9/7/2020	6:48:02 PM	SEQ-22	EBJ	TV	OCO	28	39,811
P00632908-1	9/7/2020	6:58:25 PM	WLS-16	EAC	TV	OCO	70	11,633
P00632927-1	9/7/2020	7:14:39 PM	SMR-23	ECA	TV	OCO	2,516	704,369
P00634967-1	9/7/2020	7:17:49 PM	ENU-18	EBI	TV	OCO	27	44,623
P00633031-1	9/7/2020	7:22:00 PM	WOO-23	ECA	TV	OCO	5,765	(1)
P00633054-1	9/7/2020	7:24:32 PM	POU-16	ECE	TV	OSV	2	612
P00633078-1	9/7/2020	7:39:03 PM	BDI-13	EBI	UN	OCO	18	32,382
P00629071-2	9/7/2020	7:42:48 PM	SHA-15	ECA	EF	UPC	140	2,140
P00635548-1	9/7/2020	7:48:54 PM	WLK-13	ECA	TV	OCO	39	48,214
P00634680-1	9/7/2020	7:49:40 PM	DGR-15	ECA	TV	OCO	202	276,199
P00633211-1	9/7/2020	7:54:23 PM	MIR-15	EBF	TV	OCO	328	110,949
P00633092-1	9/7/2020	7:55:06 PM	BON-16	ECA	TV	OCO	-	81,686
P00633098-1	9/7/2020	7:56:54 PM	BUC-16	ECA	TV	OCO	655	447,411
P00633125-1	9/7/2020	8:03:39 PM	MST-25	EBJ	TV	OCO	2,370	1,459,266
P00633127-1	9/7/2020	8:04:34 PM	ELL-12	EBJ	TV	OCO	2,297	188,889
P00633146-1	9/7/2020	8:13:30 PM	CUM-15	EBI	EF	SCB	615	738,338
P00634180-1	9/7/2020	8:16:38 PM	OSC-23	EBI	TV	OCO	996	458,294
P00634788-1	9/7/2020	8:18:22 PM	OSC-23	EBI	TV	OCO	17	12,021
P00633381-1	9/7/2020	8:18:42 PM	HOB-17	EBI	TV	OCO	12	36,109
P00633152-1	9/7/2020	8:19:12 PM	FAL-16	EBF	TV	OCO	30	5,635
P00634352-1	9/7/2020	8:19:48 PM	GAR-16	ECA	EF	OCO	-	331,486
P00634350-1	9/7/2020	8:20:12 PM	GAR-15	ECA	EF	OCO	-	338,784
P00634346-1	9/7/2020	8:20:51 PM	GAR-12	ECA	EF	OCO	-	60,709
P00634691-1	9/7/2020	8:22:43 PM	ORT-23	ECA	TV	OCO	2,941	4,441,184
P00633378-1	9/7/2020	8:22:58 PM	MIR-15	EBF	TV	OCO	-	3,380
P00634252-1	9/7/2020	8:24:11 PM	DGR-15	ECA	TV	OSW	598	1,475,047
P00634454-1	9/7/2020	8:24:36 PM	BUC-16	ECA	TV	OCO	658	238,613
P00633249-1	9/7/2020	8:26:22 PM	FRU-25	ECA	TV	OCO	1,513	2,033,725
P00633253-1	9/7/2020	8:28:05 PM	WAB-12	EBI	TV	OCO	21	16,557
P00634456-1	9/7/2020	8:29:45 PM	BUC-26	ECA	TV	OCO	1,143	512,045
P00634453-1	9/7/2020	8:30:45 PM	BUC-15	ECA	TV	OCO	790	389,589
P00634455-1	9/7/2020	8:31:08 PM	BUC-25	ECA	TV	OCO	1,111	493,614

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00634801-1	9/7/2020	8:31:42 PM	BUC-25	ECA	TV	OCO	471	1,285,689
P00633287-1	9/7/2020	8:32:23 PM	SHE-26	ECE	TV	OCO	2	786
P00633325-1	9/7/2020	8:36:13 PM	MIR-26	EBF	EF	OCO	1	67
P00633329-1	9/7/2020	8:38:14 PM	PIN-23	EBD	TV	OCO	271	69,195
P00634723-1	9/7/2020	8:39:27 PM	PIN-23	EBD	EF	OFU	268	12,529
P00633340-1	9/7/2020	8:41:28 PM	LMD-16	EBJ	TV	OCO	1,214	192,763
P00633358-1	9/7/2020	8:42:38 PM	BON-15	ECA	TV	OPO	-	1,245,703
P00633355-1	9/7/2020	8:43:46 PM	SHD-17	EBI	TV	OCO	207	106,330
P00633360-1	9/7/2020	8:44:57 PM	HOB-17	EBI	TV	OCO	32	70,284
P00633365-1	9/7/2020	8:45:44 PM	LEA-15	EBJ	TV	OCO	5	4,879
P00633375-1	9/7/2020	8:45:54 PM	SMR-26	ECA	TV	OCO	589	144,120
P00634734-1	9/7/2020	8:47:06 PM	KAP-15	ECA	TV	OCO	146	65,162
P00635048-1	9/7/2020	8:48:12 PM	TLN-0127	ECA	TV	OCO	4,401	10,398,808
P00633395-1	9/7/2020	8:53:08 PM	SEQ-22	EBJ	TV	OCO	279	405,136
P00633410-1	9/7/2020	8:53:25 PM	CTR-23	EBJ	TV	OCO	52	5,373
P00633423-1	9/7/2020	8:55:25 PM	BOW-27	EBJ	TV	OCO	1,228	509,824
P00633420-1	9/7/2020	8:56:37 PM	DGR-16	ECA	TV	OCO	16	29,254
P00633435-1	9/7/2020	8:57:39 PM	WLK-13	ECA	TV	OFU	75	82,967
P00634677-1	9/7/2020	8:57:41 PM	RHO-16	ECA	TV	OCO	1,585	2,456,195
P00635683-1	9/7/2020	8:57:57 PM	SHD-18	EBI	TV	OCO	1,103	1,483,076
P00633516-1	9/7/2020	8:58:15 PM	FRU-22	ECA	UN	OCO	3,220	3,454,255
P00636849-1	9/7/2020	8:58:32 PM	ORT-26	ECA	TV	OCO	29	69,627
P00634693-1	9/7/2020	9:00:00 PM	ORT-26	ECA	TV	OCO	1,216	2,544,493
P00634690-1	9/7/2020	9:00:45 PM	ORT-22	ECA	TV	OCO	1,073	2,504,972
P00636734-1	9/7/2020	9:01:04 PM	ORT-26	ECA	TV	OCO	-	14,057
P00635710-1	9/7/2020	9:06:24 PM	KAP-15	ECA	TV	OCO	-	234,495
P00633540-1	9/7/2020	9:07:44 PM	PIK-21	EBF	TV	OCO	4	3,352
P00633553-1	9/7/2020	9:08:21 PM	KAP-13	ECA	TV	OCO	480	605,368
P00633592-1	9/7/2020	9:18:12 PM	SHD-18	EBI	TV	OCO	3,046	276,004
P00633373-1	9/7/2020	9:19:14 PM	KAP-15	ECA	TV	OCO	238	1,109,098
P00633590-1	9/7/2020	9:19:18 PM	KAP-16	ECA	TV	OCO	7	7,779
P00633598-1	9/7/2020	9:19:32 PM	LAT-15	EBJ	TV	OCO	1,305	409,291
P00634692-1	9/7/2020	9:19:47 PM	ORT-25	ECA	TV	OCO	1,516	3,606,211
P00635617-1	9/7/2020	9:24:48 PM	STW-13	ECA	TV	OCO	378	577,534
P00636090-1	9/7/2020	9:28:08 PM	KAP-13	ECA	EF	OIN	15	19,503
P00633654-1	9/7/2020	9:28:29 PM	PEA-15	EBJ	TV	OTR	66	88,624
P00633679-1	9/7/2020	9:31:39 PM	MST-26	EBJ	TV	OCO	1,357	83,704
P00635443-1	9/7/2020	9:33:10 PM	BDI-15	EBI	TV	OCO	5	4,217
P00633683-1	9/7/2020	9:33:29 PM	LAT-13	EBJ	TV	OCO	730	195,162
P00633694-1	9/7/2020	9:33:39 PM	PEA-16	EBJ	TV	OCO	1	2,426
P00633981-1	9/7/2020	9:35:31 PM	NBE-01	EBF	EF	OCO	5,014	815,527
P00633743-1	9/7/2020	9:36:29 PM	RHO-13	ECA	TV	OCO	4,170	4,949,878

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00633736-1	9/7/2020	9:37:19 PM	WAB-12	EBI	TV	OCO	3	2,644
P00634884-1	9/7/2020	9:38:22 PM	OSC-23	EBI	TV	OCO	24	8,992
P00633750-1	9/7/2020	9:38:30 PM	EDG-12	EBJ	TV	OCO	16	28,086
P00636680-1	9/7/2020	9:38:45 PM	ORT-23	ECA	TV	OCO	40	75,163
P00633770-1	9/7/2020	9:41:02 PM	CAM-23	EBJ	TV	OFU	8	22,138
P00637093-1	9/7/2020	9:42:53 PM	EDG-12	ECA	TV	OCO	39	87,745
P00634698-1	9/7/2020	9:43:12 PM	KNO-13	ECA	TV	OCO	1,467	2,211,894
P00634700-1	9/7/2020	9:44:23 PM	KNO-14	ECA	TV	OCO	1,915	2,562,462
P00633814-1	9/7/2020	9:44:24 PM	DGR-15	ECA	TV	OCO	658	747,620
P00633880-1	9/7/2020	9:45:30 PM	SHD-17	EBI	TV	OCO	704	154,915
P00633887-1	9/7/2020	9:46:29 PM	SEQ-13	EBJ	TV	OCO	1,274	155,470
P00634678-1	9/7/2020	9:48:22 PM	RHO-17	ECA	TV	OCO	557	858,653
P00634781-1	9/7/2020	9:49:41 PM	SOO-25	EBI	TV	OCO	641	449,907
P00634037-1	9/7/2020	9:52:45 PM	KCR-16	EBJ	TV	OFU	113	133,730
P00634039-1	9/7/2020	9:52:57 PM	WAB-13	EBI	TV	OCO	17	18,297
P00634697-1	9/7/2020	9:53:22 PM	KNO-11	ECA	TV	OCO	88	206,273
P00636681-1	9/7/2020	9:55:30 PM	ORT-23	ECA	TV	OCO	10	30,504
P00634834-1	9/7/2020	9:56:58 PM	BDI-15	EBI	TV	OCO	19	43,051
P00632485-1	9/7/2020	9:59:00 PM	AIR-26	ECC	TV	OCO	64	637
P00634124-1	9/7/2020	9:59:39 PM	LTA-17	ECA	TV	OCR	43	44,324
P00634130-1	9/7/2020	10:00:10 PM	LEA-15	EBJ	TV	OCO	118	66,853
P00637094-1	9/7/2020	10:01:53 PM	EDG-12	ECA	TV	OTF	-	6,368
P00634155-1	9/7/2020	10:03:18 PM	HEM-15	ECA	TV	OIN	6	5,229
P00634195-1	9/7/2020	10:10:32 PM	HEM-15	ECA	TV	OCO	839	1,009,667
P00634212-1	9/7/2020	10:13:18 PM	SNQ-16	EBF	TV	OCO	635	89,757
P00634225-1	9/7/2020	10:16:43 PM	SWE-23	EBJ	TV	OCO	303	78,411
P00635444-1	9/7/2020	10:17:51 PM	BDI-15	EBI	TV	OCO	36	27,389
P00634239-1	9/7/2020	10:24:57 PM	MST-27	EBJ	TV	OCO	3	1,795
P00634241-1	9/7/2020	10:25:22 PM	MST-27	EBJ	TV	OJU	-	276
P00634724-1	9/7/2020	10:25:48 PM	OSC-22	EBI	TV	OCO	534	479,576
P00634636-1	9/7/2020	10:29:43 PM	NNO-15	EBJ	EF	OSW	1,097	183,134
P00634249-1	9/7/2020	10:31:43 PM	NNO-15	EBJ	EF	OJU	279	30,197
P00636605-1	9/7/2020	10:32:24 PM	CED-16	ECA	TV	OFU	65	79,278
P00634640-1	9/7/2020	10:34:00 PM	NNO-15	EBJ	TV	OCO	-	8,335
P00634634-1	9/7/2020	10:34:37 PM	NNO-15	EBJ	TV	OCO	-	8,783
P00634277-1	9/7/2020	10:36:09 PM	EDG-15	ECA	TV	OCO	38	37,196
P00634286-1	9/7/2020	10:38:19 PM	MIR-17	EBF	TV	OCO	27	7,756
P00634259-1	9/7/2020	10:39:28 PM	ENU-16	EBI	TV	OCO	177	85,408
P00634302-1	9/7/2020	10:40:58 PM	FCR-12	EBI	TV	OCO	4	3,177
P00634309-1	9/7/2020	10:42:08 PM	CED-13	ECA	TV	OCO	1,052	1,252,108
P00634317-1	9/7/2020	10:43:18 PM	WCA-16	EBJ	TV	OCO	48	60,182
P00634357-1	9/7/2020	10:46:01 PM	FCH-24	ECA	TV	OCO	23	48,437

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00632254-2	9/7/2020	10:47:31 PM	TRA-26	ECE	TV	OCO	-	(1)
P00634362-1	9/7/2020	10:51:41 PM	MVW-15	EBJ	TV	OCO	23	44,240
P00633220-1	9/7/2020	10:53:17 PM	TLN-0272	ECA	TV	OCO	5,913	6,396,283
P00634848-1	9/7/2020	10:53:47 PM	BUC-25	ECA	TV	OCO	29	62,841
P00634384-1	9/7/2020	10:57:07 PM	DGR-13	ECA	TV	OPO	617	825,547
P00634638-1	9/7/2020	11:00:56 PM	NNO-15	EBJ	EF	OSW	-	130
P00634388-1	9/7/2020	11:01:04 PM	CAM-24	EBJ	OD	OCO	2	4,880
P00634396-1	9/7/2020	11:05:36 PM	EDG-15	ECA	TV	OCR	2	2,346
P00634398-1	9/7/2020	11:09:59 PM	SME-13	EBE	TV	OCO	12	8,839
P00633325-1	9/7/2020	11:11:04 PM	MIR-26	EBF	EF	OCO	1	36
P00634412-1	9/7/2020	11:16:29 PM	OSC-25	EBI	TV	OCO	1,024	388,693
P00632649-2	9/7/2020	11:24:25 PM	SIN-23	ECD	TV	OPO	538	1,139,542
P00634444-1	9/7/2020	11:25:34 PM	DGR-17	ECA	TV	OFU	17	36,732
P00634836-1	9/7/2020	11:29:49 PM	BDI-13	EBI	TV	OCO	13	9,545
P00634458-1	9/7/2020	11:33:14 PM	LTA-17	ECA	TV	OCO	3	3,229
P00634462-1	9/7/2020	11:34:19 PM	HOB-15	EBI	TV	OCO	22	40,110
P00634466-1	9/7/2020	11:36:20 PM	WIS-12	EBF	TV	OCO	226	64,857
P00634480-1	9/7/2020	11:41:09 PM	MST-23	EBJ	TV	OCO	3	2,869
P00633367-1	9/7/2020	11:41:48 PM	DGR-13	ECA	TV	OCO	-	304,147
P00634482-1	9/7/2020	11:42:18 PM	LWS-13	EBJ	TV	OCO	41	60,317
P00635308-1	9/7/2020	11:50:41 PM	KAP-16	ECA	TV	OCO	37	15,452
P00634494-1	9/7/2020	11:51:17 PM	MIR-13	EBF	TV	OCO	9	6,539
P00634498-1	9/7/2020	11:53:45 PM	LMD-16	EBJ	EF	OCO	25	49,943



### 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 A</b> 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**

**National Weather Service**



**WASHINGTON STATE WEATHER HAZARDS OUTLOOK**  
**WA State EOC & State Energy Office: COVID-19 Support**

National Weather Service - Seattle, Spokane, Portland, & Pendleton

Issued: 12:00 PM PT Monday, September 7, 2020

Next Update Scheduled: 12:00 PM PT Thursday, September 10, 2020

Point of Contact: NWS Operations (24/7): 206-526-6857

*This product provides an outlook from all four NWS offices serving Washington State. This product is intended to supplement normal briefings provided by each office in order to support advanced planning and decision making. Weather-driven briefings will be provided as usual in advance of any significant weather events.*

**FORECAST OVERVIEW**

Strong high pressure will make for a period of warm and dry weather across the state through much of the week. Offshore flow will develop across the state overnight tonight into Tuesday, generating windy downslope winds west of the Cascades. Critical fire weather concerns will result from these winds. Blowing dust and smoke will be present today into Tuesday associated with the strong winds in eastern and southern Washington. Winds will decrease through the day Tuesday, but continued offshore flow and dry weather will result in critical fire weather conditions across Western Washington through at least Thursday. In addition to the fire weather concerns, record high temperatures will also be possible across Western Washington Wednesday & Thursday as high temperatures reach the upper 80s-mid 90s.

**FORECAST OUTLOOK**

	Monday 09/07	Tuesday 09/08	Wednesday 09/09
<b>Hazards</b>	Fire Weather - Entire State Wind- Southern/SW WA Blowing Dust-Eastern WA Air Quality- Eastern WA	Air Quality - Eastern WA Fire Weather - Entire State Wind- Southern/Western WA	Heat - Western WA Fire Weather - Entire State
	Thursday 09/10	Friday 09/11	Saturday 09/12
<b>Hazards</b>	Fire Weather-Western WA Heat-Western WA		
WEEK OF Sun9/13-Mon 9/21			
<b>Hazards</b>			
KEY	NO IMPACTS EXPECTED	IMPACTS POSSIBLE	IMPACTS EXPECTED



### **8 homes destroyed in Graham as several brush fires burn amid South Sound windstorm**

by KOMO News Staff  
Tuesday, September 8th 2020

GRAHAM, Wash. -- Eight homes were destroyed in Graham Monday night as multiple brush fires exploded around the South Sound amid a rare September wind storm that has knocked out power to tens of thousands.

In Graham, firefighters were busy Monday evening responding to several brush fires in the area in windy conditions that had knocked over multiple power lines. As they headed to one particular brush fire at 240th Street and Bath Road, the fire exploded in size, a "The winds moved in pretty heavy knocking trees down into the power lines, the power lines were falling to the ground starting multiple brush fires," Richards said. "The first crews pulled up and went defensive on the first few structures. The wind was relentless and they had to pull out. And the fire kept on pushing through the power lines."

The fire destroyed at least eight homes and caused 100 people to be evacuated, Richards said. Another dozen homes were threatened.

"The first on crews had a lot going on and unfortunately we could not get ahead of the curve (fighting the fire) due to the heavy wind," he said.

Firefighters say battling the blaze has been extra challenging due to total blackout conditions and heavy smoke in the area.

Other large brush fires were burning in Sumner and Bonney Lake. One fire dubbed the "Meyers Road" Fire is burning a hillside along SR 410.

The Winco in Sumner has also been evacuated as a precaution as fire burns the hillside above.

In Enumclaw, another fire was burning Tuesday morning about 5 miles outside of town along SR 410 near milepost 32. Enumclaw Fire officials say it was about 6-10 acres in size but growing. Additional firefighters were heading to the scene but so far no homes were threatened.

The Sumner fire was near but separate from another large brush fire that broke out Monday evening along SR-167 near the SR 410 interchange, according to WSP. Video from the scene showed flames burning on both sides of the highway and in the median. Trooper Ryan Burke says power lines were down along SR 410 as the fire continued to smolder into the night.

In addition to the fires, tens of thousands are without power as strong east winds knocked over trees and power lines while flooding the region with thick smoke from several new large wildfires that began burning in Eastern Washington on Sunday night and Monday.

Over 80,000 customers with Puget Sound Energy were in the dark Tuesday morning -- almost all of them in Pierce and southern King County. Wind gusts reached 40-45 mph along the gaps in the

Cascade foothills with Enumclaw registering a gust of 45 mph. Wind Advisories were in effect until 11 a.m. for the foothill areas for continued gusts to 40-50 mph.

The lack of power and internet caused both the Sumner-Bonney Lake, Orting and Federal Way school districts to cancel classes on Tuesday.

For many others, the greatest impact Tuesday will be the thick smoke and degraded air quality. Several air monitoring sites in the Puget Sound area had air quality readings that were in the "unhealthy for all" category including some in Seattle and Everett.