

2021 Qualifying Events Report

October 24, 2021 Event

Filed on
January 21, 2022



Table of Contents

2021 Qualifying Events Report..... 1

Table of Contents..... 2

Event Description..... 3

 Event Date and Time3

 Event Type.....3

 Service Areas Significantly Affected.....3

 Number of Customers Affected3

 Summary of System Impacts3

 Mobilization Summary3

 Active Outages Chart4

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 24

Media & Communication Coverage..... 25

Event Description

Event Date and Time

Start: 10/24/2021, 07:30

End: 10/27/2021, 15:00

Event Type

Wind

Service Areas Significantly Affected

King County, Pierce County, Thurston County, and Kitsap County

Number of Customers Affected

System wide, approximately 235,246 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages for the Event	871
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Transmission Line Segments Affected	17
Impacted Substations	4

Mobilization Summary

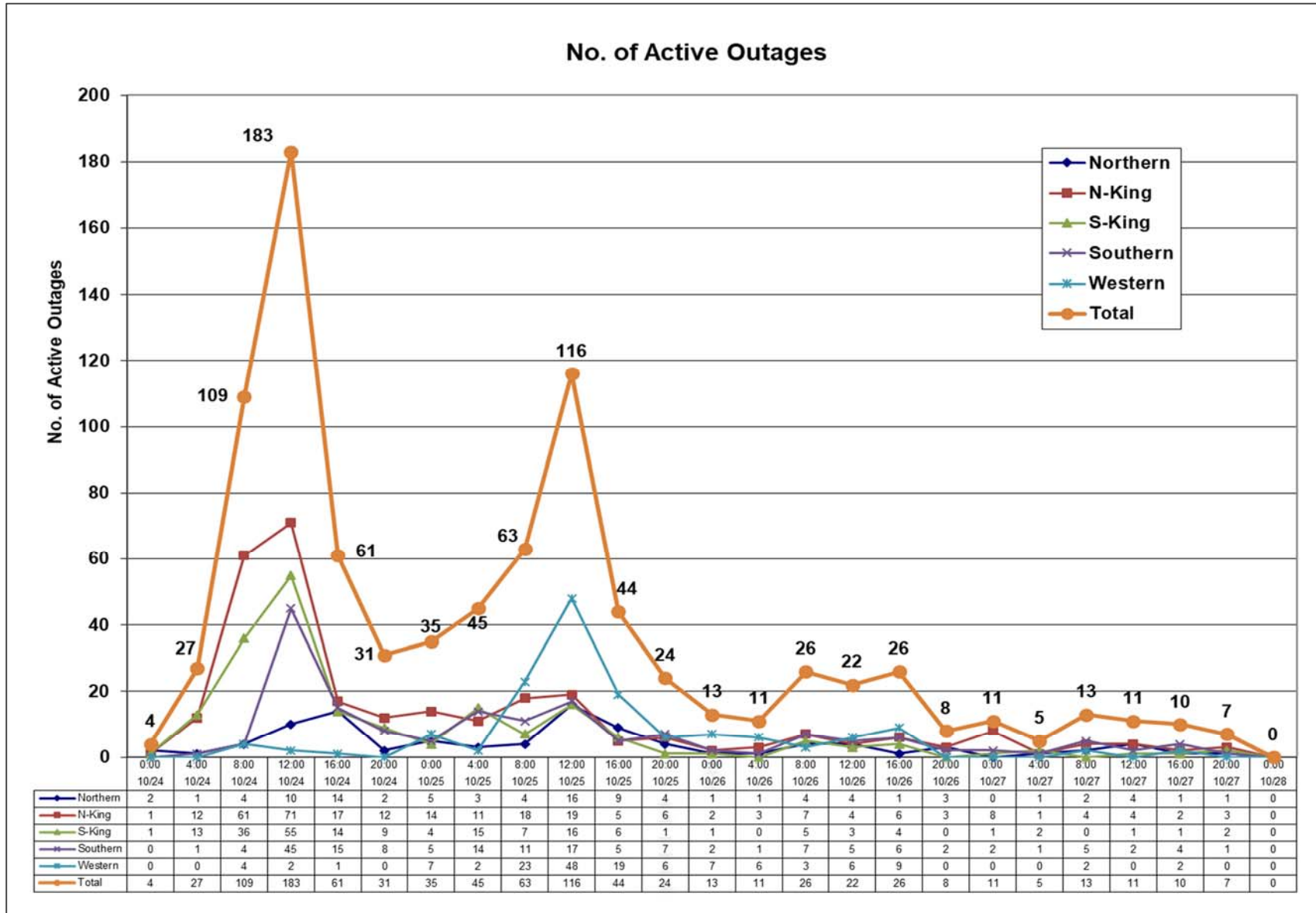
Operating Bases Placed In Emergency Status

Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom	n/a			
Skagit	n/a			
Island	n/a			
North King	10/24/21	08:30	10/26/21	21:30
South King	10/24/21	08:30	10/26/21	12:00
Pierce	10/24/21	15:00	10/26/21	12:00
Thurston	10/24/21	15:00	10/26/21	14:00
Kitsap	10/25/21	13:00	10/26/21	21:30
Vashon	10/25/21	13:00	10/26/21	21:30
Kittitas	n/a			

Emergency Coordination Center (ECC)

	Date Opened	Time Opened	Date Closed	Time Closed
ECC	10/24/21	10:15	10/26/21	21:30

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 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 Outages	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
10/24/2021, 07:30 – 10/27/2021, 15:00	871	84,894,769	1,197,154	70.91

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

¹ IEEE: Institute of Electrical and Electronics Engineers

² SAIDI: System Average Interruption Duration Index

* Updated since last report

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 ^{Note}	\$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

*Updated since last report

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
\$26,470,893	\$6,638,546	\$289,022	\$10,000,000	\$36,759,915	\$43,398,461

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						
October 24th 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	\$1,184	\$0	\$95,142	\$95,142	\$96,326
OT	\$0	\$0	\$0	\$859,511	\$859,511	\$859,511
Total Labor	\$0	\$1,184	\$0	\$954,654	\$954,654	\$955,838
Labor OH	\$0	\$356,661	\$0	\$153	\$153	\$356,814
Materials	\$0	\$157,001	\$0	\$287,016	\$287,016	\$444,017
Contractors	\$0	\$1,397,759	\$0	\$5,604,651	\$5,604,651	\$7,002,410
Other Direct Charge	\$0	\$715	\$0	\$102,283	\$102,283	\$102,998
Fleet	\$0	\$0	\$0	\$0	\$0	\$0
Other Assessments	\$0	\$10,371	\$0	\$463,379	\$463,379	\$473,750
Deferred Expenses	\$7,412,135	\$0	\$0	\$0		\$0
	\$7,412,135	\$1,923,690	\$0	\$7,412,135	\$7,412,135	\$9,335,825

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
P00748983-1	10/24/2021	2:03:32 AM	FAC-12	EBE	TV	OPI	31	24,496
P00748985-1	10/24/2021	2:46:10 AM	WLS-16	EAC	TV	OSV	1	112
P00748987-1	10/24/2021	2:55:09 AM	MTH-21	EBJ	EF	OTF	4	460
P00748989-1	10/24/2021	3:41:11 AM	BIG-12	EAC	TV	OCO	6	2,112
P00748997-1	10/24/2021	6:42:32 AM	NNO-13	EBJ	EF	OCO	562	47,002
P00748995-1	10/24/2021	6:43:22 AM	RIT-18	EAC	TV	OCO	1	282
P00749002-1	10/24/2021	6:52:19 AM	SOM-17	EBE	TV	OSV	15	1,994
P00748994-1	10/24/2021	6:55:50 AM	VAS-13	EBL	TV	OCO	1,955	67,610
P00749005-1	10/24/2021	7:09:19 AM	LMD-16	EBI	EF	OCO	184	78,862
P00749007-1	10/24/2021	7:12:03 AM	GOO-21	EBD	TV	OCO	7	16,933
P00749008-1	10/24/2021	7:12:54 AM	OSC-23	EBI	EF	OCO	172	55,475
P00749009-1	10/24/2021	7:13:58 AM	LMD-16	EBI	TV	OPO	6	5,402
P00749017-1	10/24/2021	7:24:17 AM	MSI-24	EBD	TV	OCO	69	35,860
P00749018-1	10/24/2021	7:27:19 AM	LON-22	ECC	TV	OCO	106	38,907
P00749024-1	10/24/2021	7:31:33 AM	PAN-14	EBJ	TV	OCO	81	17,635
P00749026-1	10/24/2021	7:33:27 AM	LWS-16	EBI	TV	OCO	14	17,503
P00749027-1	10/24/2021	7:33:36 AM	MIR-17	EBD	TV	OPO	153	44,900
P00749036-1	10/24/2021	7:38:15 AM	TLN-0184	EBI	EF	OSW	2,295	884,354
P00749039-1	10/24/2021	7:38:45 AM	FAL-13	EBD	TV	OCO	1	1,896
P00750154-1	10/24/2021	7:45:27 AM	LWS-15	EBI	TV	OCO	152	137,624
P00749112-1	10/24/2021	7:46:09 AM	MAP-17	EBE	TV	OCO	58	33,880
P00749115-1	10/24/2021	7:46:46 AM	PHA-16	EBE	TV	OHR	1,380	459,653
P00749117-1	10/24/2021	7:47:14 AM	ROL-16	EBJ	TV	OCO	29	36,375
P00749145-1	10/24/2021	7:49:53 AM	LWS-13	EBI	EF	OCO	1,080	121,263
P00749139-1	10/24/2021	7:50:00 AM	MSI-24	EBD	TV	OCO	7	9,774
P00749140-1	10/24/2021	7:50:23 AM	PAN-13	EBJ	TV	OFU	3	751
P00749142-1	10/24/2021	7:50:37 AM	LWS-15	EBI	TV	OCO	3	5,601
P00749153-1	10/24/2021	7:52:51 AM	UHL-25	EBD	TV	SCB	486	760,914
P00749169-1	10/24/2021	7:53:38 AM	FAC-13	EBE	TV	OCO	603	728,759
P00749176-1	10/24/2021	7:55:19 AM	STA-17	EBJ	EF	OCO	2,229	157,405
P00749171-1	10/24/2021	7:56:02 AM	MAP-15	EBE	TV	OFU	173	20,725

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00749188-1	10/24/2021	8:00:39 AM	MVW-13	EBJ	TV	OTF	6	2,086
P00749191-1	10/24/2021	8:01:42 AM	LMC-27	EBD	TV	OCO	177	116,472
P00749196-1	10/24/2021	8:04:23 AM	SME-12	EBE	TV	OPO	12	8,987
P00749197-1	10/24/2021	8:04:42 AM	LWS-12	EBI	TV	OCO	54	60,815
P00749198-1	10/24/2021	8:04:57 AM	LMC-25	EBI	TV	OCO	1	1,930
P00749200-1	10/24/2021	8:05:06 AM	VIK-23	EAA	BA	OTF	9	778
P00749210-1	10/24/2021	8:06:40 AM	ROL-13	EBJ	EF	OCO	1,756	579,478
P00750821-1	10/24/2021	8:06:45 AM	BDI-15	EBI	TV	OCO	36	63,210
P00749208-1	10/24/2021	8:07:44 AM	SOU-23	EBJ	TV	OCO	10	11,245
P00749211-1	10/24/2021	8:08:12 AM	LMD-16	EBI	EF	OCO	107	147,409
P00749575-1	10/24/2021	8:09:15 AM	FWD-17	EBJ	EF	OCO	77	25,343
P00749225-1	10/24/2021	8:11:16 AM	ROL-15	EBJ	TV	OCO	28	27,212
P00749233-1	10/24/2021	8:12:30 AM	ROL-17	EBJ	TV	OCO	1,518	283,269
P00749237-1	10/24/2021	8:14:03 AM	GLC-15	EBJ	TV	OCO	12	21,720
P00749243-1	10/24/2021	8:14:15 AM	NBE-15	EBD	TV	OCO	761	149,854
P00749238-1	10/24/2021	8:14:24 AM	SAH-17	EBD	EF	UPT	0	46
P00749255-1	10/24/2021	8:15:16 AM	SAH-17	EBD	TV	OCO	1,117	1,669,901
P00749246-1	10/24/2021	8:17:48 AM	ROS-15	EBD	TV	OFU	179	181,766
P00751386-1	10/24/2021	8:19:36 AM	LMC-25	EBD	TV	OFU	169	141,636
P00749271-1	10/24/2021	8:22:08 AM	NBO-26	EBD	TV	OFU	49	13,242
P00749283-1	10/24/2021	8:22:41 AM	SNQ-16	EBD	TV	OCO	1,288	825,940
P00749286-1	10/24/2021	8:25:08 AM	SNQ-17	EBD	TV	OFU	69	113,270
P00750143-1	10/24/2021	8:25:11 AM	FAL-15	EBD	TV	OFU	24	6,902
P00750087-1	10/24/2021	8:25:17 AM	PIN-27	EBD	TV	OCO	1,505	769,306
P00749292-1	10/24/2021	8:26:55 AM	FAL-16	EBD	TV	OFU	127	189,830
P00749294-1	10/24/2021	8:27:37 AM	MAP-16	EBE	TV	OFU	35	5,193
P00749298-1	10/24/2021	8:28:07 AM	MAP-16	EBE	TV	OFU	16	6,276
P00749307-1	10/24/2021	8:30:10 AM	FAL-16	EBD	TV	OFU	5	10,113
P00749314-1	10/24/2021	8:31:18 AM	PMA-12	ECE	TV	OTR	2	162
P00749331-1	10/24/2021	8:33:12 AM	NBO-26	EBD	TV	OCO	1,735	1,435,327
P00749320-1	10/24/2021	8:33:13 AM	PIK-23	EBD	EF	UPT	0	270

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00749327-1	10/24/2021	8:34:29 AM	FAL-15	EBD	TV	OFU	8	14,873
P00749343-1	10/24/2021	8:35:06 AM	KNM-23	EBD	TV	OCO	887	326,520
P00749336-1	10/24/2021	8:35:37 AM	MIR-15	EBD	UN	OFU	71	144,420
P00750095-1	10/24/2021	8:36:08 AM	PLA-21	EBD	TV	OCO	665	657,541
P00749348-1	10/24/2021	8:36:17 AM	MIL-23	ECE	TV	OCO	2	789
P00750090-1	10/24/2021	8:37:16 AM	PIN-23	EBD	TV	OCO	1,652	1,413,506
P00749365-1	10/24/2021	8:37:43 AM	HOB-15	EBI	TV	OCO	36	44,911
P00749368-1	10/24/2021	8:38:14 AM	KNM-26	EBD	TV	OFU	103	253,559
P00749287-1	10/24/2021	8:39:52 AM	PIN-01	EBD	TV	OCO	2,191	1,179,212
P00749393-1	10/24/2021	8:39:59 AM	PAN-15	EBJ	TV	OCO	27	4,803
P00749396-1	10/24/2021	8:40:08 AM	LWS-12	EBI	UN	UNK	0	212
P00749427-1	10/24/2021	8:40:56 AM	HOB-15	EBI	TV	OCO	35	20,420
P00749446-1	10/24/2021	8:42:56 AM	OSC-23	EBI	TV	OCO	33	3,756
P00750097-1	10/24/2021	8:45:05 AM	PLA-24	EBD	TV	OCO	2,108	1,945,193
P00750096-1	10/24/2021	8:47:15 AM	PLA-23	EBD	TV	OCO	1,378	1,407,741
P00749464-1	10/24/2021	8:48:53 AM	WIS-15	EBD	UN	OCO	1,058	1,562,719
P00749468-1	10/24/2021	8:49:08 AM	LWS-12	EBI	UN	UNK	0	143
P00749509-1	10/24/2021	8:56:14 AM	OSC-23	EBI	EF	OCO	175	23,476
P00749520-1	10/24/2021	8:56:42 AM	LWS-12	EBI	EF	OCO	1,880	79,620
P00749516-1	10/24/2021	8:57:21 AM	HOB-15	EBI	TV	OCO	10	13,934
P00749524-1	10/24/2021	8:58:24 AM	KWH-25	EBE	TV	OFU	93	235,749
P00749526-1	10/24/2021	8:59:31 AM	PMA-15	ECE	TV	OCO	21	1,830
P00750228-1	10/24/2021	9:00:42 AM	MIR-15	EBD	TV	OFU	0	2,305
P00749569-1	10/24/2021	9:01:25 AM	UHL-23	EBD	TV	OFU	11	11,473
P00749540-1	10/24/2021	9:01:26 AM	PIK-23	EBD	TV	OCO	2,409	1,660,651
P00749554-1	10/24/2021	9:06:33 AM	HOB-16	EBI	TV	OCO	15	34,858
P00749879-1	10/24/2021	9:06:41 AM	FAL-16	EBD	TV	OFU	63	97,011
P00750093-1	10/24/2021	9:10:12 AM	PLA-22	EBD	TV	OCO	1,713	1,630,404
P00749566-1	10/24/2021	9:11:14 AM	NRU-23	EBE	TV	OFU	9	11,370
P00749577-1	10/24/2021	9:15:00 AM	HOB-16	EBI	TV	OCO	25	38,425
P00749591-1	10/24/2021	9:16:06 AM	MAP-13	EBE	TV	OPO	895	534,847

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00750082-1	10/24/2021	9:17:04 AM	SAH-15	EBD	TV	OCO	1,374	1,173,029
P00750089-1	10/24/2021	9:18:53 AM	PIN-25	EBD	TV	OCO	2,284	1,038,688
P00750083-1	10/24/2021	9:19:03 AM	SAH-13	EBD	TV	OCO	1,933	1,681,033
P00750081-1	10/24/2021	9:19:07 AM	SAH-16	EBD	TV	OCO	1,966	1,574,013
P00749711-1	10/24/2021	9:19:42 AM	SOM-17	EBE	TV	OCO	1,425	262,556
P00749685-1	10/24/2021	9:20:15 AM	OSC-26	EBI	TV	OCO	48	69,962
P00750091-1	10/24/2021	9:21:14 AM	PIN-17	EBD	TV	OCO	384	82,477
P00749781-1	10/24/2021	9:21:17 AM	KLA-17	EBD	TV	OFU	20	70,561
P00749815-1	10/24/2021	9:22:56 AM	HOB-16	EBI	TV	OCO	152	62,522
P00749847-1	10/24/2021	9:27:25 AM	PLA-23	EBD	EF	UPT	0	399
P00749849-1	10/24/2021	9:28:28 AM	HOB-17	EBI	TV	OCO	57	45,011
P00749852-1	10/24/2021	9:29:43 AM	COL-26	EBE	TV	OTF	6	19,898
P00749854-1	10/24/2021	9:29:55 AM	MIR-16	EBD	TV	OFU	5	15,579
P00749859-1	10/24/2021	9:31:03 AM	HOB-16	EBI	TV	OCO	8	14,056
P00749878-1	10/24/2021	9:38:38 AM	FAL-13	EBD	TV	OFU	7	14,004
P00749573-1	10/24/2021	9:45:33 AM	LON-25	ECC	TV	OCO	10	3,186
P00749887-1	10/24/2021	9:46:00 AM	UHL-23	EBD	TV	OFU	11	16,990
P00749888-1	10/24/2021	9:46:26 AM	MIR-17	EBI	TV	OCO	5	8,636
P00749889-1	10/24/2021	9:47:02 AM	MIR-15	EBD	TV	OTF	3	2,059
P00749891-1	10/24/2021	9:48:49 AM	HOB-16	EBI	TV	OCO	16	26,676
P00749900-1	10/24/2021	9:52:55 AM	DUV-12	EBD	TV	OFU	93	158,683
P00751997-1	10/24/2021	9:55:30 AM	NBE-13	EBD	TV	OCO	362	381,820
P00749906-1	10/24/2021	10:00:49 AM	MAP-15	EBE	TV	OFU	77	12,332
P00749907-1	10/24/2021	10:01:21 AM	FAL-16	EBD	TV	OTF	2	5,294
P00749910-1	10/24/2021	10:03:04 AM	YEL-27	ECC	TV	OTF	1	59
P00749342-1	10/24/2021	10:04:26 AM	VIS-25	EAA	EF	OCO	140	22,091
P00749921-1	10/24/2021	10:09:23 AM	ORT-23	ECA	BA	OTR	4	427
P00749923-1	10/24/2021	10:10:15 AM	BUC-26	ECA	TV	OCO	10	2,053
P00749933-1	10/24/2021	10:12:22 AM	PIK-21	EBD	TV	OCO	1,618	996,058
P00749613-1	10/24/2021	10:15:48 AM	PIK-21	EBD	TV	OTF	0	353
P00749949-1	10/24/2021	10:17:52 AM	WOB-23	EAA	TV	OCO	4	1,158

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00749958-1	10/24/2021	10:20:33 AM	NLM-16	EAC	TV	OCO	34	3,733
P00749451-1	10/24/2021	10:21:02 AM	PIK-21	EBD	TV	OCO	0	91
P00749972-1	10/24/2021	10:32:19 AM	FNW-13	ECD	TV	OFU	62	342
P00749991-1	10/24/2021	10:42:44 AM	PAN-14	EBJ	TV	OCO	57	5,938
P00750040-1	10/24/2021	10:52:14 AM	DUV-13	EBD	TV	OFU	20	66,828
P00750010-1	10/24/2021	10:53:50 AM	FAL-15	EBD	TV	OCO	69	16,276
P00750015-1	10/24/2021	10:58:00 AM	KIT-22	EBH	TV	OTF	2	1,230
P00750017-1	10/24/2021	10:58:39 AM	STA-17	EBJ	BA	OTR	5	8,041
P00751416-1	10/24/2021	11:06:48 AM	MIR-15	EBD	TV	OFU	15	27,917
P00750029-1	10/24/2021	11:09:08 AM	EAR-17	EBJ	TV	OTF	7	20,485
P00750041-1	10/24/2021	11:24:36 AM	COL-26	EBE	EF	OTF	5	16,041
P00750745-1	10/24/2021	11:25:40 AM	OSC-23	EBI	TV	OCO	175	170,608
P00750071-1	10/24/2021	11:56:16 AM	GOO-17	EBD	TV	OTF	3	8,630
P00750073-1	10/24/2021	11:58:28 AM	SEQ-13	EBJ	TV	OTF	1	1,606
P00750074-1	10/24/2021	11:58:36 AM	BDI-15	EBI	TV	OCO	26	21,254
P00750076-1	10/24/2021	11:59:03 AM	ROL-17	EBJ	UN	OTH	1	79
P00750084-1	10/24/2021	12:04:49 PM	MAP-16	EBE	TV	OTF	12	13,225
P00749230-1	10/24/2021	12:15:00 PM	FAL-15	EBD	TV	OCO	108	23,728
P00750105-1	10/24/2021	12:15:48 PM	WLS-16	EAC	TV	OTR	70	7,925
P00750113-1	10/24/2021	12:20:19 PM	SNQ-15	EBD	TV	OCO	648	536,590
P00750139-1	10/24/2021	12:29:37 PM	MIR-13	EBD	TV	OFU	51	23,632
P00750141-1	10/24/2021	12:30:19 PM	BIG-15	EAC	EF	USV	1	472
P00750251-1	10/24/2021	12:46:55 PM	WLS-16	EAC	TV	OCO	10	844
P00750157-1	10/24/2021	12:48:36 PM	RIT-18	EAC	TV	OCO	32	4,317
P00750161-1	10/24/2021	12:50:15 PM	ASB-13	EBJ	TV	OSV	1	3,135
P00749342-2	10/24/2021	12:53:14 PM	VIS-25	EAA	EF	OCO	56	3,907
P00750167-1	10/24/2021	1:03:22 PM	SHD-17	EBJ	EF	OFU	0	36,721
P00750204-1	10/24/2021	1:20:00 PM	ALG-15	EAC	TV	OFU	107	5,992
P00750180-1	10/24/2021	1:20:01 PM	ALG-15	EAA	TV	OCO	2	117
P00750214-1	10/24/2021	1:29:03 PM	PEA-15	EBJ	TV	OTF	5	6,830
P00750217-1	10/24/2021	1:30:31 PM	SLA-15	EAA	EF	OJU	272	6,676

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00750234-1	10/24/2021	1:36:42 PM	SME-12	EBE	TV	OCO	23	33,406
P00750322-1	10/24/2021	1:38:35 PM	OSC-22	EBI	TV	OCO	475	363,834
P00751318-1	10/24/2021	1:49:47 PM	NRU-27	EBE	TV	OCO	0	64,194
P00750271-1	10/24/2021	1:54:44 PM	LYO-15	EBI	TV	OCO	168	114,170
P00750272-1	10/24/2021	1:55:20 PM	DES-15	EBJ	TV	OCO	293	138,999
P00750282-1	10/24/2021	1:58:43 PM	DUV-13	EBD	TV	OFU	35	31,708
P00750284-1	10/24/2021	1:59:37 PM	TOL-15	EBD	TV	OCO	1,632	1,077,610
P00750287-1	10/24/2021	2:00:02 PM	ELD-25	ECC	TV	OCN	30	5,908
P00750293-1	10/24/2021	2:01:56 PM	YEL-27	ECC	TV	OCO	179	119,837
P00750301-1	10/24/2021	2:03:22 PM	KLA-17	EBD	TV	OFU	3	8,650
P00750304-1	10/24/2021	2:04:38 PM	LON-23	ECC	TV	OCO	8	1,151
P00750317-1	10/24/2021	2:07:36 PM	EGT-16	EBE	TV	OTF	2	2,878
P00752532-1	10/24/2021	2:19:32 PM	KAP-13	ECA	TV	OFU	152	105,790
P00750337-1	10/24/2021	2:20:06 PM	ORT-22	ECA	TV	OCO	1,066	1,438,532
P00750334-1	10/24/2021	2:20:33 PM	KAP-15	ECA	TV	SCB	1,144	318,908
P00751803-1	10/24/2021	2:20:49 PM	LAT-14	EBJ	TV	OCO	202	97,157
P00750348-1	10/24/2021	2:20:51 PM	HEM-16	ECA	TV	OCO	1,404	506,517
P00750340-1	10/24/2021	2:21:45 PM	ORT-26	ECA	TV	OSV	1,057	1,938,619
P00750344-1	10/24/2021	2:22:28 PM	FRU-25	ECA	TV	PMF	366	191,311
P00750371-1	10/24/2021	2:22:41 PM	RDO-12	EBJ	UN	OCO	1,430	305,424
P00750349-1	10/24/2021	2:22:52 PM	GRV-16	ECA	TV	OHR	651	331,945
P00750373-1	10/24/2021	2:23:06 PM	HEM-13	ECA	TV	OCO	2,428	570,337
P00750354-1	10/24/2021	2:23:16 PM	KAP-16	ECA	TV	OFU	34	54,277
P00750368-1	10/24/2021	2:24:00 PM	KAP-16	ECA	TV	OCO	58	90,543
P00751679-1	10/24/2021	2:26:19 PM	MVW-13	EBJ	TV	OCO	48	62,049
P00750396-1	10/24/2021	2:26:24 PM	RHO-16	ECA	TV	OCO	435	256,512
P00750402-1	10/24/2021	2:27:04 PM	CAM-26	EBJ	UN	OTF	42	47,058
P00750425-1	10/24/2021	2:27:07 PM	DES-16	EBJ	UN	SCB	1,337	352,834
P00750406-1	10/24/2021	2:27:17 PM	ASB-13	EBJ	TV	OCO	56	28,496
P00750408-1	10/24/2021	2:27:32 PM	WOO-26	ECA	TV	OTR	4	3,065
P00750440-1	10/24/2021	2:27:47 PM	BON-15	ECA	TV	OCO	1,558	839,082

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00750418-1	10/24/2021	2:27:57 PM	GAR-13	ECA	TV	OCO	96	155,915
P00750483-1	10/24/2021	2:28:32 PM	ORT-23	ECA	TV	OCO	3,036	1,876,708
P00750443-1	10/24/2021	2:28:47 PM	KAP-13	ECA	TV	OCO	5	6,481
P00752610-1	10/24/2021	2:29:16 PM	MVW-15	EBJ	TV	OFC	9	22,564
P00751975-1	10/24/2021	2:29:40 PM	GAR-13	ECA	TV	OFU	38	57,621
P00750482-1	10/24/2021	2:30:24 PM	KNO-13	ECA	TV	UTR	8	2,193
P00750505-1	10/24/2021	2:32:04 PM	DGR-13	ECA	TV	OCO	66	82,523
P00750521-1	10/24/2021	2:32:12 PM	BON-13	ECA	TV	OCN	1,263	916,906
P00750551-1	10/24/2021	2:32:16 PM	BEL-16	EBJ	TV	OUP	353	208,911
P00750508-1	10/24/2021	2:32:30 PM	SHD-17	EBJ	TV	OCO	208	128,584
P00750509-1	10/24/2021	2:32:41 PM	ROL-17	EBJ	TV	OCO	1	753
P00750525-1	10/24/2021	2:33:42 PM	VAS-13	EBL	TV	OCO	15	849
P00750528-1	10/24/2021	2:33:47 PM	OSC-23	EBI	TV	OPO	40	54,899
P00750533-1	10/24/2021	2:33:55 PM	KAP-16	ECA	TV	OCO	54	34,556
P00750632-1	10/24/2021	2:34:04 PM	SHD-18	EBJ	TV	OCO	2,318	1,219,672
P00750536-1	10/24/2021	2:34:21 PM	WOO-27	ECA	TV	OCO	0	1,504
P00750545-1	10/24/2021	2:34:58 PM	VAS-13	EBL	TV	OCO	85	6,293
P00750548-1	10/24/2021	2:35:01 PM	MWD-15	EBE	TV	OFU	88	57,127
P00750573-1	10/24/2021	2:35:18 PM	LTA-17	ECA	TV	OCO	1,384	817,339
P00750556-1	10/24/2021	2:35:23 PM	OSC-22	EBI	TV	OCO	8	13,397
P00750563-1	10/24/2021	2:35:50 PM	SEQ-22	EBJ	TV	OCO	202	169,562
P00750570-1	10/24/2021	2:36:09 PM	KNM-25	EBD	TV	OFU	34	56,720
P00750574-1	10/24/2021	2:36:24 PM	PEA-17	EBJ	TV	OSV	1	1,449
P00750577-1	10/24/2021	2:36:30 PM	RHO-15	ECA	TV	OCO	85	55,111
P00750583-1	10/24/2021	2:36:36 PM	LTA-18	ECA	TV	OCO	116	73,279
P00750593-1	10/24/2021	2:36:40 PM	HOL-13	ECA	TV	OCO	224	51,998
P00750588-1	10/24/2021	2:36:49 PM	CAM-23	EBJ	TV	OCO	8	15,996
P00750598-1	10/24/2021	2:37:20 PM	WOO-27	ECA	TV	OCO	279	214,555
P00750617-1	10/24/2021	2:38:06 PM	WLK-13	ECA	TV	OFU	75	101,460
P00750615-1	10/24/2021	2:38:07 PM	WLK-15	ECA	TV	OCO	11	16,489
P00750618-1	10/24/2021	2:38:10 PM	LEA-17	EBJ	TV	OTF	1	1,324

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00750620-1	10/24/2021	2:38:19 PM	HEM-15	ECA	TV	OSV	7	2,834
P00751853-1	10/24/2021	2:38:27 PM	LTA-17	ECA	TV	OCO	55	95,138
P00750534-1	10/24/2021	2:39:32 PM	SHD-18	EBJ	TV	OCO	306	407,593
P00750653-1	10/24/2021	2:39:50 PM	BUC-16	ECA	TV	OHR	649	666,877
P00750655-1	10/24/2021	2:39:51 PM	SOO-25	EBI	TV	OPO	122	248,813
P00750657-1	10/24/2021	2:39:59 PM	VAS-12	EBL	TV	OCO	16	6,138
P00750662-1	10/24/2021	2:40:14 PM	MED-36	EBE	TV	OFU	49	34,772
P00750663-1	10/24/2021	2:40:19 PM	VAS-13	EBL	TV	OCO	121	56,180
P00750668-1	10/24/2021	2:40:36 PM	BUC-26	ECA	TV	OFU	60	62,720
P00750744-1	10/24/2021	2:40:53 PM	EVA-27	EBJ	EF	UPC	1,977	725,559
P00750676-1	10/24/2021	2:40:55 PM	KAP-16	ECA	TV	OSV	3	5,387
P00750679-1	10/24/2021	2:41:00 PM	EDG-15	ECA	TV	OFU	8	20,857
P00750683-1	10/24/2021	2:41:11 PM	WAB-13	EBI	TV	OCO	136	62,977
P00750691-1	10/24/2021	2:41:28 PM	ROS-21	EBD	TV	OFU	9	6,543
P00750693-1	10/24/2021	2:41:30 PM	LWS-14	EBI	TV	OCO	190	55,876
P00750702-1	10/24/2021	2:41:44 PM	EDG-16	EBJ	TV	OCO	11	13,356
P00750182-1	10/24/2021	2:42:24 PM	ZEN-01	EBJ	TV	SCS	0	525,053
P00750749-1	10/24/2021	2:43:15 PM	BUC-15	ECA	TV	OFU	13	33,691
P00750764-1	10/24/2021	2:44:07 PM	NNO-12	EBJ	TV	OCO	115	162,568
P00751231-1	10/24/2021	2:45:59 PM	NHL-01	EBD	TV	SCS	7,469	164,445
P00750794-1	10/24/2021	2:46:08 PM	ROS-21	EBD	TV	OFU	218	72,711
P00751898-1	10/24/2021	2:46:34 PM	LEA-15	EBJ	TV	OCO	214	173,305
P00750955-1	10/24/2021	2:46:38 PM	OSC-25	EBI	TV	OCO	44	23,481
P00750813-1	10/24/2021	2:46:45 PM	ROS-21	EBD	TV	OFU	29	73,923
P00750822-1	10/24/2021	2:47:14 PM	KNO-13	ECA	TV	UTR	8	2,013
P00750833-1	10/24/2021	2:47:42 PM	GLC-15	EBJ	TV	OFU	4	5,739
P00750868-1	10/24/2021	2:47:54 PM	VAS-12	EBL	TV	OHR	569	37,611
P00750843-1	10/24/2021	2:48:08 PM	GAR-13	ECA	TV	OTR	2	546
P00754510-1	10/24/2021	2:48:12 PM	BDI-15	EBI	TV	OCO	15	37,991
P00751440-1	10/24/2021	2:48:19 PM	MIR-15	EBD	TV	OFU	9	19,638
P00750919-1	10/24/2021	2:48:28 PM	ENU-18	EBI	TV	OCO	27	26,796

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00750875-1	10/24/2021	2:49:50 PM	MWD-16	EBE	TV	OFU	3	4,077
P00750882-1	10/24/2021	2:50:18 PM	BDI-13	EBI	TV	OFU	112	64,716
P00750917-1	10/24/2021	2:50:24 PM	SWE-13	EBJ	TV	OPO	858	245,345
P00750933-1	10/24/2021	2:50:27 PM	PEA-15	EBJ	TV	OCO	162	192,705
P00750886-1	10/24/2021	2:50:29 PM	BUC-26	ECA	TV	OCO	20	34,083
P00750890-1	10/24/2021	2:50:48 PM	FCR-14	EBI	TV	OFU	20	26,514
P00750900-1	10/24/2021	2:51:14 PM	ROS-22	EBD	EF	UPT	0	949
P00750902-1	10/24/2021	2:51:18 PM	PIP-26	EBI	TV	OFU	8	10,565
P00749037-1	10/24/2021	2:52:01 PM	LWS-15	EBI	TV	OCO	9	10,599
P00750960-1	10/24/2021	2:53:59 PM	OVE-15	EBE	TV	OCO	553	663,831
P00750947-1	10/24/2021	2:54:17 PM	LLT-16	EBD	TV	OFU	8	9,621
P00750956-1	10/24/2021	2:54:42 PM	SBE-26	EBE	TV	OFU	30	6,260
P00750962-1	10/24/2021	2:55:20 PM	VAS-12	EBL	TV	OPO	55	52,165
P00750654-1	10/24/2021	2:56:22 PM	GAR-13	ECA	TV	OFU	0	3,982
P00750977-1	10/24/2021	2:56:27 PM	NBO-26	EBD	TV	OFU	31	14,693
P00750986-1	10/24/2021	2:57:26 PM	FCR-12	EBI	TV	OCO	20	32,746
P00750987-1	10/24/2021	2:57:28 PM	MAN-16	ECD	TV	OCO	2	708
P00750995-1	10/24/2021	2:58:30 PM	HOB-16	EBI	TV	OCO	12	11,411
P00751017-1	10/24/2021	2:59:00 PM	NHL-16	EBD	TV	OCO	1,613	209,609
P00751009-1	10/24/2021	2:59:30 PM	VAS-23	EBL	TV	OCO	98	29,605
P00751024-1	10/24/2021	3:00:50 PM	MER-15	EBE	TV	OFU	162	216,678
P00751025-1	10/24/2021	3:00:53 PM	MAP-13	EBE	TV	OFU	897	180,175
P00751026-1	10/24/2021	3:00:55 PM	ING-16	EBD	TV	OFU	1	3,217
P00751596-1	10/24/2021	3:01:30 PM	TOL-15	EBD	TV	OFU	132	109,607
P00751069-1	10/24/2021	3:03:30 PM	CWD-22	EBD	UN	OCO	1,314	195,940
P00751076-1	10/24/2021	3:03:35 PM	FAL-15	EBD	TV	OCO	56	42,225
P00751061-1	10/24/2021	3:03:47 PM	KNM-25	EBD	TV	OFU	81	62,011
P00751064-1	10/24/2021	3:03:58 PM	TOL-17	EBD	TV	OFU	50	83,723
P00751074-1	10/24/2021	3:04:56 PM	LON-23	ECC	TV	OCO	12	7,177
P00751421-1	10/24/2021	3:05:10 PM	MIR-15	EBD	TV	OFU	20	9,383
P00751095-1	10/24/2021	3:06:29 PM	KNM-23	EBD	TV	OFU	43	68,700

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00751204-1	10/24/2021	3:06:47 PM	NBO-22	EBD	TV	OCO	2,161	60,459
P00751136-1	10/24/2021	3:06:49 PM	NBE-13	EBD	TV	OCO	52	21,161
P00751117-1	10/24/2021	3:07:00 PM	TLN-0125	EBE	TV	SCB	0	49,442
P00751110-1	10/24/2021	3:07:01 PM	NRU-23	EBE	TV	OCO	0	60,255
P00751107-1	10/24/2021	3:07:21 PM	SKI-13	EBD	TV	OFU	75	53,880
P00751126-1	10/24/2021	3:08:31 PM	AVO-17	EBD	TV	OCO	270	317,466
P00751120-1	10/24/2021	3:09:11 PM	BUC-15	ECA	TV	OFU	7	4,410
P00751123-1	10/24/2021	3:09:26 PM	COT-16	EBD	TV	OCO	588	823,958
P00751133-1	10/24/2021	3:10:28 PM	OSC-25	EBI	TV	OFU	2	1,757
P00751630-1	10/24/2021	3:11:01 PM	NBO-26	EBD	TV	OTF	3	8,135
P00751140-1	10/24/2021	3:11:04 PM	OSC-22	EBI	TV	OSV	1	1,256
P00751142-1	10/24/2021	3:11:15 PM	OSC-22	EBI	TV	OCO	3	2,071
P00751150-1	10/24/2021	3:12:21 PM	MER-15	EBE	TV	OFU	107	24,935
P00751165-1	10/24/2021	3:13:41 PM	ROS-22	EBD	TV	OCO	854	883,063
P00750781-1	10/24/2021	3:13:51 PM	CUM-01	EBI	TV	OCO	1,173	(1)
P00751164-1	10/24/2021	3:14:40 PM	NBE-12	EBD	TV	OFU	57	19,529
P00751170-1	10/24/2021	3:15:26 PM	ING-16	EBD	TV	OFU	14	31,734
P00751178-1	10/24/2021	3:16:19 PM	HWD-25	EBD	TV	OFU	92	35,404
P00751189-1	10/24/2021	3:18:07 PM	KLA-17	EBD	TV	OFU	17	23,785
P00751957-1	10/24/2021	3:19:56 PM	HWD-25	EBD	TV	OTF	10	16,865
P00751209-1	10/24/2021	3:21:24 PM	PAN-13	EBJ	TV	OCO	2	1,824
P00751211-1	10/24/2021	3:21:51 PM	MER-12	EBE	EF	OTR	4	5,936
P00751223-1	10/24/2021	3:23:53 PM	NUG-26	EAA	TV	OCO	89	5,693
P00754175-1	10/24/2021	3:26:06 PM	NBE-16	EBD	TV	OFU	6	15,516
P00751234-1	10/24/2021	3:26:16 PM	SKY-25	EBD	TV	OTF	0	438
P00751243-1	10/24/2021	3:26:22 PM	LYO-12	EBI	TV	OCR	1,430	263,701
P00751271-1	10/24/2021	3:29:00 PM	TLN-0012	EBD	TV	OCO	7	222,405
P00751265-1	10/24/2021	3:29:21 PM	LLT-16	EBD	EF	OFU	2	2,884
P00751266-1	10/24/2021	3:29:33 PM	NBO-22	EBD	TV	OCO	1	1,540
P00751268-1	10/24/2021	3:29:51 PM	NHL-17	EBD	TV	OFU	12	11,364
P00752553-1	10/24/2021	3:30:44 PM	SNQ-17	EBD	TV	OFU	6	7,832

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00750907-1	10/24/2021	3:35:07 PM	HAZ-15	EBE	TV	OFU	52	39,621
P00751293-1	10/24/2021	3:37:22 PM	DES-13	EBJ	TV	OCO	6	5,486
P00751298-1	10/24/2021	3:38:46 PM	NBO-22	EBD	TV	OFU	34	27,044
P00751300-1	10/24/2021	3:39:19 PM	KNT-37	EBJ	TV	OSV	1	1,482
P00751302-1	10/24/2021	3:39:54 PM	LYO-15	EBI	TV	OCR	1	568
P00751310-1	10/24/2021	3:42:03 PM	HOB-17	EBI	TV	OCO	3	4,083
P00751315-1	10/24/2021	3:45:54 PM	NRU-26	EBE	TV	OCO	0	12,837
P00751323-1	10/24/2021	3:47:02 PM	KIN-25	ECE	TV	OFU	10	1,538
P00751336-1	10/24/2021	3:51:27 PM	KWH-23	EBE	TV	OCO	203	290,740
P00751117-1	10/24/2021	3:55:46 PM	TLN-0125	EBE	TV	SCB	3,014	951,981
P00751352-1	10/24/2021	3:56:00 PM	LMD-16	EBI	TV	OCO	7	8,517
P00751353-1	10/24/2021	3:58:44 PM	CWD-25	EBD	TV	OFU	3	7,570
P00751354-1	10/24/2021	3:58:56 PM	WLS-16	EAC	TV	OCO	39	6,142
P00751375-1	10/24/2021	4:07:08 PM	BIG-12	EAC	TV	OCO	6	3,316
P00751392-1	10/24/2021	4:10:56 PM	CUM-13	EBI	UN	OCO	2	399,139
P00751395-1	10/24/2021	4:13:11 PM	CHI-12	ECD	TV	OCO	9	4,088
P00751402-1	10/24/2021	4:17:57 PM	ZEN-17	EBJ	TV	OCO	4,095	601,498
P00750830-1	10/24/2021	4:17:58 PM	BIG-15	EAC	TV	OPO	690	28,669
P00751406-1	10/24/2021	4:21:01 PM	DGR-15	ECA	TV	OSV	1	741
P00751411-1	10/24/2021	4:21:45 PM	SCH-16	EAA	UN	OFU	72	9,724
P00751412-1	10/24/2021	4:21:54 PM	BRS-13	EAC	TV	OFU	1	194
P00751414-1	10/24/2021	4:22:10 PM	NUG-25	EAA	TV	OFU	27	669
P00751419-1	10/24/2021	4:23:41 PM	MIR-16	EBD	TV	OFU	7	7,783
P00751423-1	10/24/2021	4:25:33 PM	MIR-16	EBD	TV	OFU	10	3,648
P00751424-1	10/24/2021	4:25:47 PM	MIR-15	EBD	UN	OFU	3	7,606
P00751428-1	10/24/2021	4:26:18 PM	FAL-15	EBD	TV	OTF	2	2,987
P00751432-1	10/24/2021	4:27:28 PM	NHL-15	EBD	TV	OFU	3	8,281
P00751437-1	10/24/2021	4:28:17 PM	LUH-14	ECC	TV	OCO	4	962
P00751442-1	10/24/2021	4:30:39 PM	SCH-13	EAA	TV	OCO	43	12,845
P00751443-1	10/24/2021	4:30:41 PM	SOU-23	EBJ	TV	OCO	1	1,611
P00751449-1	10/24/2021	4:34:17 PM	LGY-12	EAD	TV	OFU	18	3,283

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00751450-1	10/24/2021	4:34:27 PM	KNM-25	EBD	TV	OTF	19	34,661
P00751453-1	10/24/2021	4:35:30 PM	LYN-14	EAA	TV	OFU	5	493
P00751476-1	10/24/2021	4:47:25 PM	ING-16	EBD	TV	OSV	1	3,155
P00752022-1	10/24/2021	4:48:01 PM	KNT-37	EBJ	TV	OCO	88	39,569
P00751480-1	10/24/2021	4:48:22 PM	HOB-17	EBI	TV	OTF	4	7,890
P00751483-1	10/24/2021	4:50:26 PM	NNO-12	EBJ	EF	UPC	7	20,831
P00751485-1	10/24/2021	4:51:01 PM	LYN-14	EAA	TV	OTF	1	112
P00751489-1	10/24/2021	4:52:00 PM	BIG-15	EAC	TV	OCO	1,936	64,469
P00751505-1	10/24/2021	4:58:15 PM	PIN-27	EBD	TV	OFU	86	149,219
P00751518-1	10/24/2021	5:02:39 PM	VAS-12	EBL	TV	OCO	2	2,752
P00750830-1	10/24/2021	5:08:21 PM	BIG-15	EAC	TV	OPO	61	35,135
P00751558-1	10/24/2021	5:17:10 PM	KAP-16	ECA	TV	OTR	2	2,456
P00751576-1	10/24/2021	5:23:48 PM	KNO-13	ECA	TV	UTR	6	651
P00751595-1	10/24/2021	5:29:29 PM	ENU-18	EBI	EF	OTF	1	1,539
P00750182-1	10/24/2021	5:35:00 PM	ZEN-01	EBJ	TV	SCS	1,369	9,505
P00752430-1	10/24/2021	5:38:44 PM	BUC-16	ECA	TV	OCO	9	18,520
P00751627-1	10/24/2021	5:47:10 PM	ENU-18	EBI	EF	OTF	2	5,039
P00751635-1	10/24/2021	5:51:05 PM	KNO-13	ECA	TV	UTR	11	636
P00751637-1	10/24/2021	5:51:22 PM	ORT-23	ECA	TV	OFU	10	13,586
P00751649-1	10/24/2021	5:56:01 PM	HOB-16	EBI	TV	OCO	9	15,607
P00751653-1	10/24/2021	5:56:49 PM	ORT-23	ECA	TV	OCO	14	16,884
P00751658-1	10/24/2021	5:57:54 PM	ORT-23	ECA	TV	UPT	14	564
P00751670-1	10/24/2021	6:05:37 PM	BON-13	ECA	TV	UPT	5	543
P00751673-1	10/24/2021	6:07:23 PM	OSC-23	EBI	EF	OTH	1	1,606
P00751677-1	10/24/2021	6:08:57 PM	PIN-27	EBD	EF	USV	1	2,889
P00751698-1	10/24/2021	6:24:24 PM	GAR-13	ECA	TV	OFU	2	151
P00751722-1	10/24/2021	6:35:14 PM	SST-12	EAA	EF	OCN	1	222
P00751750-1	10/24/2021	6:54:14 PM	JUA-25	EBD	TV	OFU	50	45,548
P00751760-1	10/24/2021	7:02:15 PM	NUG-26	EAA	TV	OTF	1	104
P00751573-1	10/24/2021	7:12:02 PM	SCH-12	EAA	TV	OCO	2	100
P00751778-1	10/24/2021	7:13:17 PM	KAP-15	ECA	TV	OTF	33	27,267

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00751763-1	10/24/2021	7:14:41 PM	LMC-27	EBD	TV	OFU	177	218,270
P00751930-1	10/24/2021	7:32:06 PM	LAT-14	EBJ	TV	OCO	4	5,140
P00751812-1	10/24/2021	7:35:03 PM	MKI-17	ECC	TV	OFU	21	21,839
P00751814-1	10/24/2021	7:36:02 PM	MKI-17	ECC	TV	OFU	0	129,193
P00751821-1	10/24/2021	7:38:02 PM	DUV-13	EBD	TV	OFU	54	37,940
P00750917-1	10/24/2021	7:38:42 PM	SWE-13	EBJ	TV	OPO	6	5,541
P00751829-1	10/24/2021	7:45:43 PM	MIR-16	EBD	TV	OTF	0	478
P00751831-1	10/24/2021	7:46:31 PM	SKI-13	EBD	TV	OTF	4	1,308
P00751839-1	10/24/2021	7:54:03 PM	LAT-14	EBJ	TV	OCO	4	355
P00751867-1	10/24/2021	7:54:25 PM	GAR-13	ECA	TV	OFU	0	18,368
P00751840-1	10/24/2021	7:54:25 PM	LLT-17	EBD	TV	OFU	2	5,155
P00751848-1	10/24/2021	7:56:45 PM	KNM-23	EBD	UN	OFU	1	2,715
P00751861-1	10/24/2021	8:00:48 PM	COT-15	EBD	TV	OCO	0	688,636
P00751899-1	10/24/2021	8:33:11 PM	PIK-21	EBD	TV	OCO	2,668	242,320
P00751902-1	10/24/2021	8:39:39 PM	SKY-23	EBD	TV	OCO	324	54,086
P00751904-1	10/24/2021	8:40:06 PM	SKY-25	EBD	TV	OCO	429	99,478
P00751906-1	10/24/2021	8:44:16 PM	ROC-26	ECC	CP	OCO	317	79,664
P00751801-1	10/24/2021	8:47:57 PM	CRE-12	EAD	TV	OFU	25	675
P00751758-1	10/24/2021	8:48:53 PM	VAS-22	EBL	UN	OTR	3	450
P00751923-1	10/24/2021	9:01:53 PM	EVA-23	EBJ	TV	OCO	274	30,953
P00751934-1	10/24/2021	9:05:04 PM	CWD-23	EBD	TV	OFU	123	172,696
P00751952-1	10/24/2021	9:28:19 PM	MSI-24	EBD	TV	OTF	2	3,962
P00751956-1	10/24/2021	9:32:03 PM	ING-13	EBD	TV	OSV	1	2,674
P00751958-1	10/24/2021	9:34:38 PM	NUG-26	EAA	TV	OFU	6	675
P00751967-1	10/24/2021	9:46:44 PM	SPG-13	ECC	TV	OFU	4	5,251
P00751974-1	10/24/2021	9:55:22 PM	FCR-12	EBI	TV	OSV	1	2,326
P00751994-1	10/24/2021	10:10:15 PM	DES-15	EBJ	TV	OCO	2	1,503
P00751999-1	10/24/2021	10:17:09 PM	BON-15	ECA	EF	OFU	61	10,853
P00752010-1	10/24/2021	10:36:12 PM	OSC-22	EBI	TV	OCO	13	27,506
P00752011-1	10/24/2021	10:36:42 PM	FWY-11	EBJ	TV	OCO	1	380
P00752014-1	10/24/2021	10:40:31 PM	TOL-17	EBD	TV	OTF	1	2,168

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00752019-1	10/24/2021	10:45:00 PM	AIR-22	ECC	TV	OFU	61	21,521
P00752025-1	10/24/2021	10:51:18 PM	ROC-25	ECC	TV	OFU	2	2,092
P00752036-1	10/24/2021	10:59:35 PM	EVA-23	EBJ	EF	OTF	3	4,020
P00752038-1	10/24/2021	11:00:31 PM	OSC-22	EBI	TV	PTF	0	492
P00752039-1	10/24/2021	11:00:45 PM	WAB-13	EBI	TV	OSV	2	2,057
P00752042-1	10/24/2021	11:01:54 PM	EDG-16	EBJ	TV	OCO	3	3,112
P00752076-1	10/24/2021	11:24:12 PM	NBO-22	EBD	TV	OFU	1	567
P00752092-1	10/24/2021	11:33:09 PM	ROC-26	ECC	TV	OCO	35	27,872
P00752095-1	10/24/2021	11:35:08 PM	PIK-21	EBD	TV	OCO	976	651,643
P00752118-1	10/24/2021	11:44:41 PM	PAT-13	ECC	TV	OCO	1,071	614,515
P00752146-1	10/24/2021	11:51:35 PM	MSI-25	EBD	TV	OFU	1	1,797
P00752149-1	10/24/2021	11:58:49 PM	LUH-17	ECC	TV	OCO	638	152,908

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

2 killed when tree falls on car as gusty winds whip Washington, leaving many without power

by KOMO News Staff

Sunday, October 24, 2021

SEATTLE - A strong Pacific storm system that triggered mud flows in wildfire-scarred areas of California also slammed the coasts of Washington state and Oregon Sunday, threatening coastal flooding and causing power outages affecting thousands of customers in the Pacific Northwest.

Wind gusts topping 60 mph also downed trees on Interstate 90 east of Seattle and cut power to more than 150,000 customers in the metro area and around Puget Sound.

High winds are expected across western Washington Sunday into Monday.

Eastside Fire & Rescue says two people died when a tree fell on their car in the 7700 block of Preston Fall City Rd SE.

Over 150,000 homes were without power as of Sunday afternoon.


Puget Sound Energy's outage map shows more than 84,500 homes without power.

Seattle City outage map reports more than 43,700 homes are without power in Seattle.

The Snohomish County PUD outage map shows more than 28,800 homes without power.

RELATED | High wind warnings for parts of western Washington

The wind will continue building through the day.



October 24-29, 2021 Weather Outlook
National Weather Service - Seattle, WA

Issued: Sun, Oct 24, 2021 - 06:40 AM
 Next Update: 25 Oct 2021
 Point of Contact: NWS Operations (24/7/365) 206-526-6095

KEY POINTS

- A strong storm system will bring wind, rain, thunderstorms and high surf today and Monday.
- The Skokomish river in Mason county could reach flood stage around Tuesday.
- Another round of heavier rain and high snow levels possible Thursday and Friday.

WEATHER AND IMPACT OUTLOOK

Sun 10/24	Mon 10/25	Tue 10/26	Wed 10/27	Thu 10/28	Fri 10/29	Sat 10/30
Windy, high surf, thunderstorms	Windy, high surf, thunderstorms	Possible Skokomish Flooding		Heavy rain possible	Heavy rain possible	

Weather Impact Legend: None Low Medium High Extreme

CONFIDENCE AND DETAILS

Western Washington	
HIGH Confidence	<ul style="list-style-type: none"> • Large waves will produce hazardous surf conditions and localized beach erosion at the coast tonight and Monday.
MODERATE Confidence	<ul style="list-style-type: none"> • Damaging gusty winds at the coast and interior north of Everett will lead to power outages and road closures due to downed trees and power lines. • The accumulation of several days of rain could lead to river flooding on the Skokomish river in Mason County around Tuesday.
LOW Confidence	<ul style="list-style-type: none"> • Isolated thunderstorms today and Monday may produce dangerous lightning, gusty winds, small hail, and brief heavy rain which can impact outdoor activities and recreationists. • Another round of heavier rain in the mountains could lead to additional river concerns Thursday and Friday.
Forecast Details	<ul style="list-style-type: none"> • Today-Monday <ul style="list-style-type: none"> ○ Damaging winds are likely at the coast and interior north of Everett. The strongest winds are expected this afternoon and then another round of strong winds later tonight into Monday (see attached graphics). ○ Large waves of 25-30 feet will produce dangerous surf conditions at the coast tonight and Monday (see attached graphic). ○ Isolated thunderstorms are expected this afternoon through Monday west of Puget Sound. The best chance for strong thunderstorms is over the south part of the coast this afternoon (see attached graphic).