

2021 Qualifying Events Report

September 17, 2021 Event

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Event Description

Event Date and Time

Start: 9/17/2021, 13:00

End: 9/19/2021, 23:00

Event Type

Wind

Service Areas Significantly Affected

Whatcom County, Skagit County, Island County, and King County

Number of Customers Affected

System wide, approximately 155,877 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages for the Event	366
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Transmission Line Segments Affected	20
Impacted Substations	4

Mobilization Summary

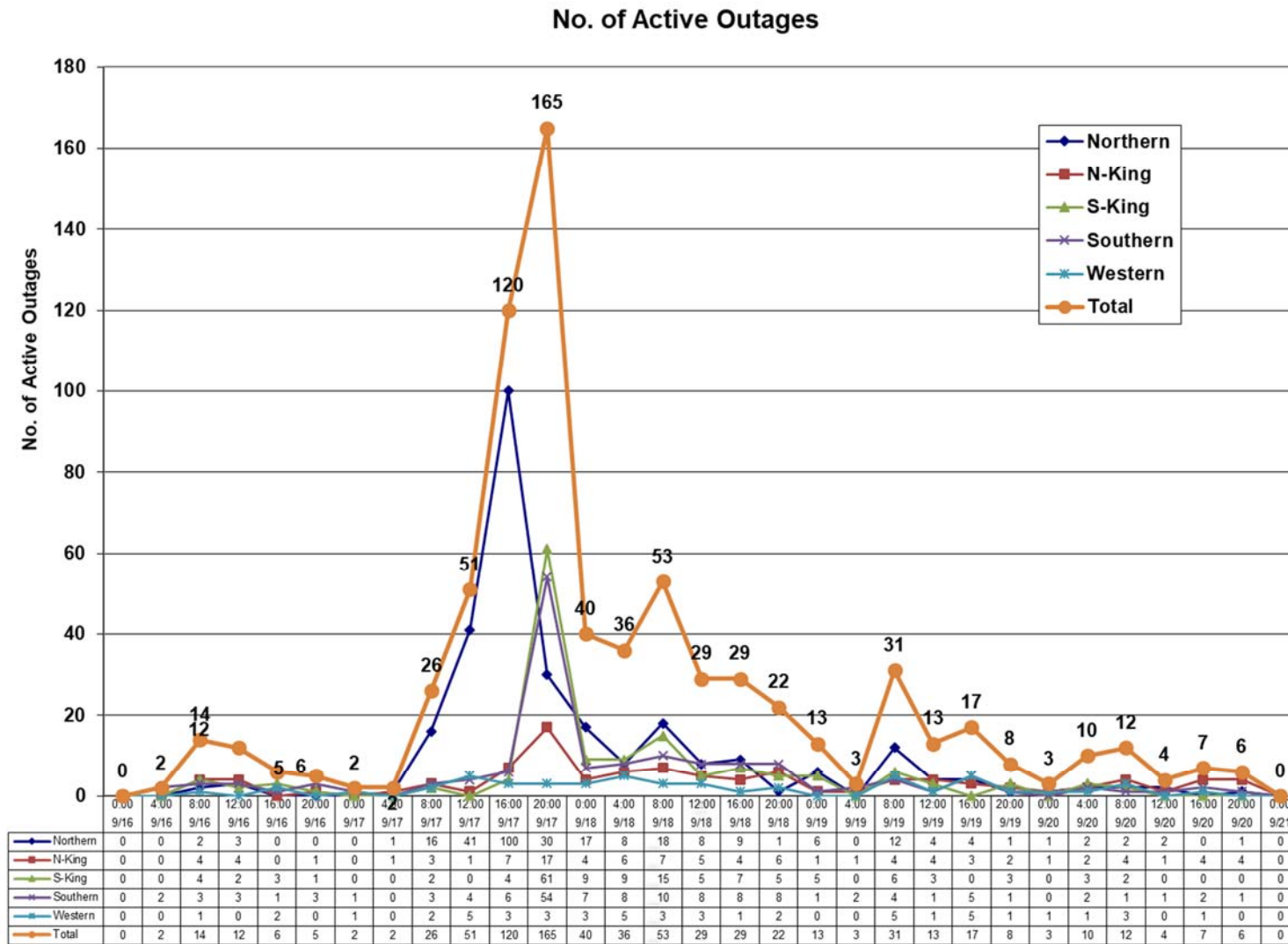
Operating Bases Placed In Emergency Status

Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom	9/17/21	15:00	9/19/21	20:00
Skagit	9/17/21	15:00	9/19/21	20:00
Island	9/17/21	15:00	9/19/21	20:00
North King	9/19/21	12:00	9/19/21	20:00
South King	9/17/21	23:00	9/19/21	17:00
Pierce	n/a			
Thurston	n/a			
Kitsap	n/a			
Vashon	n/a			
Kittitas	n/a			

Emergency Coordination Center (ECC)

	Date Opened	Time Opened	Date Closed	Time Closed
ECC	9/18/21	01:30	9/19/21	15:00

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 Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
9/17/21, 13:00 – 9/19/21, 23:00	87,352,145	1,195,924	73.04

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	\$23,880,328*
2/13/2021	10.33	\$2,757,299*
6/26/2021	7.60	\$1,977,858
9/17/2021	63.86	\$4,292,179

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, Including Non- Qualifying Storms

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*	\$3,528,625*	\$0	\$10,000,000	\$20,351,703*	\$23,880,328*
2/11/21 ^{Note}	\$0	\$129,347*	\$289,022	\$0	\$289,022	\$418,369*
2/13/21	\$2,509,153*	\$248,146*	\$0	\$-	\$2,509,153*	\$2,757,299*
6/26/21	\$1,977,858	\$0	\$0	\$-	\$1,977,858	\$1,977,858
9/17/21	\$4,207,585	\$84,594	\$0	\$-	\$4,207,585	\$4,292,179

*Updated since last report

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

2021 YTD Storm Restoration Cost Summary, Including Non- Qualifying Storms

Qualifying Events Deferred Account	Capital Costs	O&M Costs - Not Deferrable	O&M Costs - Deferrable Accumulation	Total O&M Costs	Total Costs
\$19,046,299	\$3,990,712	\$289,022	\$10,000,000	\$29,335,321	\$33,326,033

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 17, 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	\$ -	\$ -	\$ -	\$ 7,062	\$ 7,062	\$ 7,062
OT	\$ -	\$ -	\$ -	\$ 512,244	\$ 512,244	\$ 512,244
Total Labor	\$ -	\$ -	\$ -	\$ 519,305	\$ 519,305	\$ 519,305
Labor OH	\$ -	\$ 3,193	\$ -	\$ -	\$ -	\$ 3,193
Materials	\$ -	\$ 79,673	\$ -	\$ 156,318	\$ 156,318	\$ 235,991
Contractors	\$ -	\$ 1,629	\$ -	\$ 3,207,900	\$ 3,207,900	\$ 3,209,529
Other Direct Charges	\$ -	\$ -	\$ -	\$ 25,816	\$ 25,816	\$ 25,816
Fleet	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Assessments	\$ -	\$ 99	\$ -	\$ 298,246	\$ 298,246	\$ 298,344
Deferred Expenses	\$ 4,207,585	\$ -	\$ -	\$ -		\$ -
	\$ 4,207,585	\$ 84,594	\$ -	\$ 4,207,585	\$ 4,207,585	\$ 4,292,179

ST: Standard time

OT: Over time

OH: Overhead

Detailed List of Outages – 9/17/2021, First TMED-Exceeding Day

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00734990-1	9/17/2021	12:44:44 AM	FNW-15	ECD	EF	OFU	102	57,590
P00734989-1	9/17/2021	1:43:59 AM	BAR-17	ECC	CP	UEL	1	330
P00735000-1	9/17/2021	6:27:57 AM	SME-13	EBE	EF	UPC	3	1,668
P00735010-1	9/17/2021	7:51:34 AM	LAB-25	EAA	TV	OCO	28	8,912
P00735013-1	9/17/2021	8:09:23 AM	NBE-12	EBD	BA	OTF	2	171
P00735019-1	9/17/2021	8:33:44 AM	SUM-21	EAC	TV	OCO	48	23,623
P00735030-1	9/17/2021	8:57:45 AM	LYN-24	EAA	TV	OCO	3	88
P00560922-3	9/17/2021	9:06:14 AM	SOM-16	EBE	EF		105	23,214
P00735036-1	9/17/2021	9:13:18 AM	FAC-12	EBE	SO	UPT	5	440
P00735038-1	9/17/2021	9:24:32 AM	SHA-13	ECA	BA	OFU	18	1,676
P00735097-1	9/17/2021	9:34:32 AM	OSC-22	EBI	EF	UPC	3	1,552
P00735062-1	9/17/2021	9:39:19 AM	HAW-11	ECC	EF	SCB	7,218	912,087
P00734923-1	9/17/2021	9:43:06 AM	YEL-26	ECC	SO	OFU	1	47
P00735073-1	9/17/2021	9:54:11 AM	BRW-15	EAC	TV	OCO	15	5,471
P00735083-1	9/17/2021	10:01:10 AM	FLD-12	EAD	TV	OCO	295	22,214
P00735085-1	9/17/2021	10:03:33 AM	KIN-25	ECE	TV	OCO	49	24,174
P00734578-1	9/17/2021	10:16:26 AM	GLC-11	EBI	SO	UEL	2	600
P00735105-1	9/17/2021	10:27:33 AM	HAP-16	EAA	TV	OCO	-	114,949
P00735116-1	9/17/2021	10:55:01 AM	CRE-13	EAD	TV	SCB	574	55,850
P00735118-1	9/17/2021	10:58:30 AM	HAN-15	EAA	TV	OCO	1	238
P00735001-1	9/17/2021	10:58:55 AM	RIT-18	EAC	SO	UEL	2	302
P00735123-1	9/17/2021	11:05:35 AM	FLD-13	EAD	TV	OIN	33	4,292
P00735124-1	9/17/2021	11:06:26 AM	HAP-13	EAA	TV	OCO	23	3,859
P00735126-1	9/17/2021	11:10:46 AM	PMA-15	ECE	TV	OCO	1	328
P00735134-1	9/17/2021	11:19:14 AM	WOB-23	EAA	TV	OCO	122	13,213
P00735143-1	9/17/2021	11:29:23 AM	BCH-13	EAA	TV	OCO	126	33,440
P00735153-1	9/17/2021	11:37:59 AM	LAB-25	EAA	UN	OJU	6	522
P00735240-1	9/17/2021	11:45:00 AM	HAP-16	EAA	TV	OCO	122	51,389
P00735179-1	9/17/2021	11:48:14 AM	HAP-16	EAA	TV	OCO	120	6,871

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00735182-1	9/17/2021	11:57:52 AM	CPV-15	EAD	TV	OCO	27	19,192
P00735187-1	9/17/2021	12:11:38 PM	NLM-16	EAC	TV	OCO	31	4,490
P00735191-1	9/17/2021	12:14:36 PM	NLM-15	EAC	TV	OCO	13	6,980
P00735192-1	9/17/2021	12:17:13 PM	WOB-25	EAA	TV	OCO	8	6,209
P00735194-1	9/17/2021	12:18:35 PM	BTR-14	EBE	EF	UPC	7	11,892
P00735201-1	9/17/2021	12:20:53 PM	BRI-17	EAA	TV	OCO	701	687,545
P00735213-1	9/17/2021	12:28:10 PM	WOB-23	EAA	TV	OIN	-	239,086
P00735215-1	9/17/2021	12:31:10 PM	PTR-14	EAA	TV	OCO	5	13,888
P00735138-1	9/17/2021	12:32:56 PM	LTA-18	ECA	SO	OTH	17	1,467
P00735219-1	9/17/2021	12:35:52 PM	BRO-15	EAD	TV	OTF	3	271
P00735226-1	9/17/2021	12:42:15 PM	SWA-12	EAD	TV	OFU	37	11,748
P00735236-1	9/17/2021	12:47:53 PM	CRE-12	EAD	TV	OCO	31	13,768
P00735232-1	9/17/2021	12:50:43 PM	WLS-16	EAC	TV	OCO	43	14,370
P00735198-1	9/17/2021	1:01:48 PM	BUC-16	ECA	SO	OPO	3	206
P00735245-1	9/17/2021	1:07:15 PM	LON-23	ECC	TV	OSV	2	487
P00735246-1	9/17/2021	1:10:23 PM	BCH-16	EAA	TV	OCO	30	8,969
P00735247-1	9/17/2021	1:11:10 PM	WOB-25	EAA	TV	OCO	2	1,306
P00735134-1	9/17/2021	1:20:05 PM	WOB-23	EAA	TV	OCO	122	48,757
P00735256-1	9/17/2021	1:20:57 PM	SWD-12	ECE	TV	OCO	58	17,300
P00735259-1	9/17/2021	1:23:47 PM	ROE-13	EAA	TV	OSV	1	3,014
P00735261-1	9/17/2021	1:25:46 PM	WLS-13	EAC	TV	OFU	6	9,546
P00735280-1	9/17/2021	1:32:11 PM	HKX-16	EAC	TV	OCO	403	39,507
P00735272-1	9/17/2021	1:33:31 PM	GBK-15	EAD	TV	OCO	31	18,052
P00735197-2	9/17/2021	1:47:36 PM	FAB-15	EAD	TV	OPO	4	1,929
P00735297-1	9/17/2021	1:48:22 PM	KIN-25	ECE	TV	OFU	4	199
P00735298-1	9/17/2021	1:48:43 PM	NUG-26	EAA	TV	OTR	6	608
P00735304-1	9/17/2021	1:55:19 PM	FLD-12	EAD	TV	OCO	295	36,859
P00735319-1	9/17/2021	2:01:45 PM	HAP-13	EAA	TV	OCO	23	51,725
P00735331-1	9/17/2021	2:13:14 PM	HAP-15	EAA	TV	OIN	3,237	481,822
P00735330-1	9/17/2021	2:13:54 PM	NLM-12	EAC	TV	OCO	3	2,902
P00736238-1	9/17/2021	2:16:45 PM	BRI-14	EAA	TV	OCO	270	164,303

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00735336-1	9/17/2021	2:21:35 PM	CUS-13	EAA	TV	OPO	22	11,069
P00735343-1	9/17/2021	2:29:53 PM	GBK-15	EAD	TV	OCO	38	11,567
P00735349-1	9/17/2021	2:34:24 PM	BCH-16	EAA	TV	OPO	1	1,527
P00735361-1	9/17/2021	2:44:01 PM	VIS-26	EAA	EF	OFU	76	62,667
P00735362-1	9/17/2021	2:44:22 PM	HAP-16	EAA	TV	SCB	775	337,075
P00735370-1	9/17/2021	2:52:40 PM	SWA-13	EAD	CE	OPO	30	31,085
P00735132-1	9/17/2021	2:53:31 PM	LLS-17	EAA	TV	OFU	990	30,525
P00736914-1	9/17/2021	3:00:18 PM	CRE-16	EAD	TV	OCO	92	94,663
P00735384-1	9/17/2021	3:05:45 PM	CRE-12	EAD	TV	OFU	28	2,734
P00736255-1	9/17/2021	3:06:18 PM	HAN-12	EAA	EF	OSV	2	2,547
P00735387-1	9/17/2021	3:09:40 PM	SLA-16	EAA	TV	OCO	241	346,280
P00735398-1	9/17/2021	3:13:20 PM	PGA-13	ECE	TV	OCO	92	8,134
P00735411-1	9/17/2021	3:25:38 PM	WLS-16	EAC	TV	OCO	10	17,794
P00736694-1	9/17/2021	3:29:27 PM	LLS-17	EAA	TV	SCB	1,776	1,499,979
P00735408-1	9/17/2021	3:31:31 PM	TLN-0184	EAD	TV	OCO	-	482,689
P00735429-1	9/17/2021	3:33:27 PM	PGA-13	ECE	TV	OCO	6	2,135
P00735427-1	9/17/2021	3:37:00 PM	HKX-16	EAC	TV	OFU	1	1,466
P00735430-1	9/17/2021	3:40:56 PM	KIN-25	ECE	EF	USV	1	339
P00736241-1	9/17/2021	3:42:09 PM	CLV-16	EAD	TV	OHR	1,235	521,890
P00735289-2	9/17/2021	3:55:35 PM	ELD-23	ECC	EF	UTC	1	30
P00735443-1	9/17/2021	3:56:42 PM	TLN-0151	EAD	TV	OCO	-	561,235
P00735447-1	9/17/2021	4:02:38 PM	FLD-12	EAD	TV	OCO	1	2,934
P00735695-1	9/17/2021	4:16:00 PM	BIG-15	EAC	TV	OCO	1,935	250,436
P00736589-1	9/17/2021	4:18:09 PM	CPV-12	EAD	TV	OCO	112	49,910
P00737914-1	9/17/2021	4:19:58 PM	SEM-15	EAA	TV	OFU	78	69,846
P00735375-1	9/17/2021	4:22:59 PM	PET-13	EAC	TV	OFU	-	5,379
P00735031-2	9/17/2021	4:23:00 PM	SKI-16	EBD	EF	UHH	4	627
P00735568-1	9/17/2021	4:25:56 PM	CPV-13	EAD	TV	SCB	-	103,785
P00735467-1	9/17/2021	4:27:45 PM	SEM-15	EAA	TV	OCO	40	24,101
P00735492-1	9/17/2021	4:27:47 PM	TLN-0059	EAD	TV	OCO	-	285,666
P00735442-1	9/17/2021	4:29:04 PM	TLN-0184	EAD	TV	OCO	-	355,573

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00735927-1	9/17/2021	4:34:12 PM	SLA-17	EAA	SO	SCB	1,953	599,897
P00735909-1	9/17/2021	4:34:53 PM	HAN-15	EAA	TV	OFU	123	29,100
P00735941-1	9/17/2021	4:36:45 PM	HKX-16	EAC	UN	OHR	671	100,169
P00735508-1	9/17/2021	4:39:02 PM	TLN-0288	EAD	TV	OCO	-	209,490
P00735980-1	9/17/2021	4:39:07 PM	WOB-26	EAA	TV	OCO	6	7,779
P00736021-1	9/17/2021	4:43:26 PM	VWY-13	EAA	TV	OTF	2	60
P00736052-1	9/17/2021	4:46:40 PM	NLM-16	EAC	TV	OCO	279	158,509
P00736038-1	9/17/2021	4:47:53 PM	CAR-12	EAA	TV	OCO	2,136	204,486
P00735455-1	9/17/2021	4:53:51 PM	SLA-15	EAA	TV	SCB	831	50,601
P00736054-1	9/17/2021	4:57:55 PM	SUM-21	EAC	TV	OCO	23	41,976
P00736186-1	9/17/2021	5:03:32 PM	BAK-25	EAA	TV	SCB	1,453	250,279
P00736062-1	9/17/2021	5:04:26 PM	WLS-16	EAC	TV	OCO	1	2,424
P00735304-1	9/17/2021	5:12:24 PM	FLD-12	EAD	TV	OCO	297	19,083
P00736073-1	9/17/2021	5:17:40 PM	BIG-12	EAC	TV	OHR	410	428,146
P00736075-1	9/17/2021	5:18:00 PM	LAB-26	EAA	TV	OHR	600	541,770
P00736078-1	9/17/2021	5:18:20 PM	HAN-16	EAA	TV	OPO	29	44,474
P00736086-1	9/17/2021	5:19:31 PM	PET-13	EAC	TV	OCO	522	51,039
P00736092-1	9/17/2021	5:23:49 PM	HAP-16	EAA	TV	OCO	10	23,006
P00736693-1	9/17/2021	5:27:02 PM	LLS-15	EAA	TV	SCB	983	722,505
P00735698-1	9/17/2021	5:27:47 PM	KIN-25	ECE	TV	OCO	11	383
P00735475-1	9/17/2021	5:29:16 PM	SLA-15	EAA	TV	OCO	302	(1)
P00736691-1	9/17/2021	5:29:46 PM	LLS-13	EAA	TV	SCB	22	15,370
P00736148-1	9/17/2021	5:34:28 PM	LYN-17	EAA	UN	SCB	1,682	269,848
P00736139-1	9/17/2021	5:34:40 PM	HKX-13	EAC		OCO	136	94,731
P00736149-1	9/17/2021	5:36:08 PM	MVW-15	EBJ	TV	OTR	71	8,085
P00738577-1	9/17/2021	5:37:16 PM	BIG-12	EAC	TV	OCO	26	28,817
P00736160-1	9/17/2021	5:39:00 PM	FAL-15	EBD	TV	SCB	565	93,489
P00736158-1	9/17/2021	5:39:42 PM	RIT-18	EAC	TV	OCO	157	130,844
P00736182-1	9/17/2021	5:45:44 PM	KIN-25	ECE	EF	USV	1	226
P00736192-1	9/17/2021	5:46:24 PM	CUS-16	EAA	UN	SCB	505	237,160
P00736203-1	9/17/2021	5:47:07 PM	SLA-15	EAA	TV	SCB	831	26,536

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00736199-1	9/17/2021	5:47:59 PM	BTN-36	EAC	TV	OCO	582	460,898
P00736198-1	9/17/2021	5:49:35 PM	CHA-12	ECC	TV	OTR	4	408
P00736201-1	9/17/2021	5:50:09 PM	MAP-15	EBE	TV	OCO	77	50,167
P00736216-1	9/17/2021	5:55:16 PM	ING-15	EBD	EF	UPC	1	3,251
P00736818-1	9/17/2021	5:55:42 PM	CRE-15	EAD	UN	OCO	42	42,663
P00738201-1	9/17/2021	5:56:59 PM	KEN-12	EAA	TV	OCO	30	81,018
P00736225-1	9/17/2021	5:57:15 PM	CRE-15	EAD	TV	OCO	86	26,608
P00736229-1	9/17/2021	5:58:51 PM	HAN-16	EAA	TV	OCO	50	76,737
P00736232-1	9/17/2021	5:59:35 PM	SCH-13	EAA	EF	UOT	1	2,631
P00736240-1	9/17/2021	6:03:23 PM	WOB-23	EAA	TV	OPO	57	152,413
P00736374-1	9/17/2021	6:04:00 PM	ALG-15	EAC	TV	OCO	1,924	66,217
P00736251-1	9/17/2021	6:06:12 PM	HLC-24	EAD	TV	OSV	1	2,563
P00735338-1	9/17/2021	6:06:41 PM	HAN-12	EAA	TV	OSW	41	560
P00736263-1	9/17/2021	6:07:36 PM	FLD-12	EAD	TV	SCB	889	690,619
P00736259-1	9/17/2021	6:08:10 PM	BRI-17	EAA	TV	OCO	31	34,198
P00736261-1	9/17/2021	6:09:07 PM	RIV-16	EAC	TV	UTC	2	5,804
P00736265-1	9/17/2021	6:09:19 PM	HKX-16	EAC	EF	OTF	11	12,273
P00736268-1	9/17/2021	6:09:32 PM	RIT-16	EAC	TV	OCO	67	80,588
P00736274-1	9/17/2021	6:11:26 PM	CRE-16	EAD	TV	OFU	131	35,920
P00736283-1	9/17/2021	6:14:21 PM	CPV-15	EAD	TV	SCB	2,644	535,374
P00736290-1	9/17/2021	6:15:37 PM	GBK-13	EAD	TV	SCB	(231)	(1)
P00736286-1	9/17/2021	6:16:00 PM	HKX-13	EAC	TV	OFU	110	69,898
P00736289-1	9/17/2021	6:16:52 PM	CRE-15	EAD	TV	OCO	8	8,084
P00736291-1	9/17/2021	6:18:02 PM	VWY-13	EAA	TV	OFU	62	36,633
P00736300-1	9/17/2021	6:18:37 PM	MAX-11	EAD	TV	SCB	121	799,581
P00736298-1	9/17/2021	6:19:59 PM	SCH-15	EAA	TV	OFU	46	33,881
P00736308-1	9/17/2021	6:20:37 PM	LGY-12	EAD	TV	SCB	1,414	1,697,767
P00738225-1	9/17/2021	6:22:24 PM	HKX-16	EAC	TV	OCO	35	41,932
P00736316-1	9/17/2021	6:23:35 PM	WLS-16	EAC	UN	OFU	49	106,381
P00736341-1	9/17/2021	6:25:56 PM	CRE-15	EAD	TV	OCO	1	1,063
P00736350-1	9/17/2021	6:26:33 PM	BRO-15	EAD	TV	SCB	1,802	919,449

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00736349-1	9/17/2021	6:27:24 PM	ALG-12	EAC	TV	OCO	24	9,564
P00736353-1	9/17/2021	6:28:18 PM	BAK-23	EAA	TV	OCO	200	220,297
P00738084-1	9/17/2021	6:29:26 PM	BUC-15	ECA	UN	SCB	792	2,017,904
P00738020-1	9/17/2021	6:30:00 PM	NUG-26	EAA	EF	OIN	222	151,021
P00736362-1	9/17/2021	6:30:29 PM	NUG-25	EAA	TV	OCO	12	15,438
P00738221-1	9/17/2021	6:34:13 PM	KEN-12	EAA	TV	OCO	12	30,823
P00736394-1	9/17/2021	6:36:07 PM	BKB-14	EAC	TV	OFU	15	22,347
P00736894-1	9/17/2021	6:37:11 PM	CRE-16	EAD	TV	OFU	18	3,773
P00736401-1	9/17/2021	6:38:36 PM	RIT-16	EAC	TV	OPO	86	78,266
P00736501-1	9/17/2021	6:39:10 PM	GBK-15	EAD	TV	SCB	1,583	137,457
P00736411-1	9/17/2021	6:41:46 PM	FAL-13	EBD	TV	OFU	24	3,050
P00736412-1	9/17/2021	6:42:25 PM	SLA-16	EAA	EF	OJU	8	535
P00736223-1	9/17/2021	6:46:03 PM	BIG-15	EAC	TV	OSV	5	10,344
P00736426-1	9/17/2021	6:46:50 PM	VWY-12	EAA	TV	OCO	166	116,098
P00736434-1	9/17/2021	6:48:49 PM	OSC-23	EBI	TV	OTR	4	590
P00736446-1	9/17/2021	6:52:47 PM	HAN-15	EAA	TV	OFU	144	54,554
P00736453-1	9/17/2021	6:54:22 PM	ALG-15	EAC	UN	OTF	1	312
P00734715-1	9/17/2021	6:55:08 PM	DES-13	EBJ	SO	UEL	2	1,285
P00736461-1	9/17/2021	6:56:57 PM	BIG-12	EAC	TV	OCO	113	106,789
P00736946-1	9/17/2021	6:56:59 PM	KEN-13	EAA	TV	OCO	76	195,321
P00736462-1	9/17/2021	6:57:44 PM	GRV-15	ECA	TV	OFU	10	2,577
P00736460-1	9/17/2021	6:58:10 PM	KEN-13	EAA	TV	OFU	87	25,517
P00736469-1	9/17/2021	6:58:46 PM	GLA-12	EAA	TV	SCB	256	1,541,542
P00736474-1	9/17/2021	7:03:40 PM	SCH-16	EAA	TV	OCO	69	58,782
P00736479-1	9/17/2021	7:05:09 PM	FRA-12	ECD	TV	OFU	43	19,001
P00736491-1	9/17/2021	7:06:00 PM	HKX-16	EAC	TV	OCO	671	610,766
P00736487-1	9/17/2021	7:07:00 PM	RIT-18	EAC	TV	OCO	16	51,781
P00736488-1	9/17/2021	7:07:28 PM	NLM-12	EAC	TV	OCO	4	5,333
P00736503-1	9/17/2021	7:13:18 PM	BCH-13	EAA	TV	OCO	7	4,663
P00736508-1	9/17/2021	7:14:23 PM	BIG-16	EAC	TV	OFU	14	21,106
P00736509-1	9/17/2021	7:14:37 PM	GRV-12	ECA	TV	OSV	1	1,187

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00736515-1	9/17/2021	7:15:46 PM	NLM-16	EAC	TV	OCO	167	207,322
P00736527-1	9/17/2021	7:18:45 PM	HAM-15	EAC	TV	OCO	106	40,344
P00736525-1	9/17/2021	7:20:23 PM	ARD-15	EBE	EF	UFJ	1,621	3,376,209
P00736535-1	9/17/2021	7:20:49 PM	HAP-16	EAA	TV	OTF	1	1,449
P00736538-1	9/17/2021	7:21:12 PM	SWE-23	EBJ	TV	OFU	17	1,228
P00736539-1	9/17/2021	7:21:14 PM	GRV-16	ECA	TV	OTR	10	1,679
P00736545-1	9/17/2021	7:21:49 PM	ORT-23	ECA	TV	OFU	28	5,371
P00736559-1	9/17/2021	7:22:56 PM	RIT-18	EAC	EF	UPT	-	414
P00736578-1	9/17/2021	7:23:36 PM	HAN-15	EAA	EF	OTF	1	1,076
P00736595-1	9/17/2021	7:24:01 PM	RIT-18	EAC	EF	UPT	-	412
P00736643-1	9/17/2021	7:28:59 PM	NLM-16	EAC	TV	OCO	3	6,884
P00736645-1	9/17/2021	7:29:52 PM	LYN-24	EAA	TV	OFU	20	3,750
P00739606-1	9/17/2021	7:39:55 PM	ARD-15	EBE	EF	UGF	208	457,191
P00736670-1	9/17/2021	7:41:04 PM	RIT-18	EAC	TV	OCO	1,395	470,223
P00736668-1	9/17/2021	7:41:51 PM	PET-15	EAC	TV	OSV	1	1,008
P00736684-1	9/17/2021	7:52:38 PM	VWY-15	EAA	TV	OCO	11	10,922
P00735250-1	9/17/2021	7:55:48 PM	CRE-16	EAD	TV	OCO	2	288
P00736721-1	9/17/2021	8:08:01 PM	LON-23	ECC	TV	OTR	1	1,186
P00736727-1	9/17/2021	8:11:55 PM	GBK-15	EAD	TV	OSV	7	19,960
P00736729-1	9/17/2021	8:13:25 PM	NUG-26	EAA	UN	OFU	-	3,687
P00736733-1	9/17/2021	8:13:27 PM	HAM-13	EAC	TV	SCB	871	777,339
P00736735-1	9/17/2021	8:16:00 PM	GBK-15	EAD	TV	OFU	7	2,989
P00736741-1	9/17/2021	8:17:58 PM	FAL-15	EBD	EF	UPC	9	25,115
P00736743-1	9/17/2021	8:18:56 PM	LYN-17	EAA	TV	OFC	176	135,988
P00736749-1	9/17/2021	8:21:47 PM	PET-12	EAC	TV	OFU	3	4,006
P00736754-1	9/17/2021	8:23:46 PM	CHI-12	ECD	TV	OTR	5	1,087
P00736755-1	9/17/2021	8:24:52 PM	FLD-13	EAD	TV	SCB	1,324	284,902
P00736757-1	9/17/2021	8:25:11 PM	FLD-15	EAD	TV	SCB	1,889	198,912
P00736761-1	9/17/2021	8:28:07 PM	VWY-15	EAA	TV	OCO	167	97,041
P00736762-1	9/17/2021	8:28:09 PM	VAS-13	EBL	TV	OFU	27	7,220
P00736773-1	9/17/2021	8:31:12 PM	LYN-17	EAA	TV	OFC	5	4,837

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00736777-1	9/17/2021	8:34:35 PM	GBK-15	EAD	TV	OCO	14	38,805
P00736779-1	9/17/2021	8:35:39 PM	PAT-15	ECC	EF	OFU	1	1,259
P00736782-1	9/17/2021	8:36:25 PM	KEN-12	EAA	TV	OCO	8	20,604
P00736784-1	9/17/2021	8:37:47 PM	NUG-25	EAA	TV	OFU	2	546
P00736789-1	9/17/2021	8:39:54 PM	ELD-25	ECC	TV	OHR	288	48,298
P00736794-1	9/17/2021	8:40:47 PM	ALG-15	EAC	TV	OIN	30	37,913
P00736807-1	9/17/2021	8:49:38 PM	LMD-16	EBI	CP	OPO	32	57,089
P00736811-1	9/17/2021	8:53:56 PM	FAL-13	EBD	TV	OFU	27	6,194
P00736813-1	9/17/2021	8:55:28 PM	WLK-13	ECA	TV	UPT	5	7,269
P00736824-1	9/17/2021	9:06:33 PM	GBK-13	EAD	TV	OCO	76	91,864
P00736828-1	9/17/2021	9:09:44 PM	GBK-13	EAD	TV	OFU	28	30,875
P00736829-1	9/17/2021	9:10:13 PM	LHL-22	EBE	TV	OFU	77	7,359
P00736832-1	9/17/2021	9:13:40 PM	ORT-23	ECA	TV	OFU	46	53,261
P00736835-1	9/17/2021	9:19:00 PM	PIN-23	EBD	UN	UOT	16	40,648
P00736732-1	9/17/2021	9:19:58 PM	MVW-13	EBJ	TV	OHR	690	13,236
P00736836-1	9/17/2021	9:20:12 PM	FWD-17	EBI	TV	OFU	5	3,864
P00736842-1	9/17/2021	9:23:27 PM	DUV-15	EBD	TV	OFU	9	8,505
P00736846-1	9/17/2021	9:25:48 PM	GBK-13	EAD	TV	OIN	40	40,327
P00736374-1	9/17/2021	9:26:50 PM	ALG-15	EAC	TV	OCO	243	89,448
P00736849-1	9/17/2021	9:31:30 PM	KAP-16	ECA	TV	OFU	6	9,499
P00736858-1	9/17/2021	9:35:16 PM	BRO-16	EAD	TV	SCB	602	176,095
P00736866-1	9/17/2021	9:39:10 PM	ROC-25	ECC	TV	OTR	1	1,622
P00736884-1	9/17/2021	9:48:33 PM	BHL-16	ECE	EF	UGF	37	5,885
P00736888-1	9/17/2021	9:52:35 PM	FAB-15	EAD	TV	OCO	123	38,501
P00736891-1	9/17/2021	9:55:59 PM	YEL-25	ECC	EF	OFU	163	116,167
P00736899-1	9/17/2021	9:59:55 PM	YEL-25	ECC	EF	OFU	25	17,153
P00736919-1	9/17/2021	10:09:50 PM	GBK-15	EAD	TV	OCO	11	26,554
P00736935-1	9/17/2021	10:22:32 PM	FRG-24	ECC	TV	OCO	1	1,511
P00736936-1	9/17/2021	10:22:42 PM	WLS-16	EAC	TV	OTF	3	2,862
P00736938-1	9/17/2021	10:23:57 PM	BLU-17	ECC	TV	OFU	71	46,706
P00736944-1	9/17/2021	10:26:08 PM	KAP-16	ECA	TV	OFU	9	18,993

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00736953-1	9/17/2021	10:28:20 PM	EVA-26	EBJ	TV	SCB	114	94,768
P00736950-1	9/17/2021	10:28:21 PM	SOO-25	EBI	TV	OFU	5	10,428
P00736958-1	9/17/2021	10:30:20 PM	ORC-13	EBI	TV	SCB	2,762	1,451,660
P00736954-1	9/17/2021	10:30:54 PM	RAI-13	ECC	TV	OFU	16	12,250
P00736955-1	9/17/2021	10:31:01 PM	RAI-13	ECC	TV	OTR	1	1,287
P00736956-1	9/17/2021	10:31:13 PM	LAU-12	EAA	TV	OFU	18	37,208
P00736966-1	9/17/2021	10:31:55 PM	RDO-13	EBJ	TV	OHR	2,810	918,574
P00736967-1	9/17/2021	10:33:27 PM	LON-25	ECC	TV	OCO	32	37,001
P00736969-1	9/17/2021	10:33:48 PM	LYO-15	EBI	TV	OFU	114	108,055
P00736987-1	9/17/2021	10:34:00 PM	CAM-17	EBJ	TV	OHR	39	70,329
P00737041-1	9/17/2021	10:34:01 PM	RAI-14	ECC	TV	OCN	19	23,120
P00736980-1	9/17/2021	10:35:06 PM	LMD-15	EBI	TV	SCB	2,604	1,652,152
P00736972-1	9/17/2021	10:35:35 PM	OSC-23	EBI	TV	OFU	18	23,019
P00736982-1	9/17/2021	10:35:36 PM	PEA-16	EBJ	TV	OCO	-	1,336
P00736973-1	9/17/2021	10:35:48 PM	BEL-16	EBJ	TV	OFU	354	77,382
P00738212-1	9/17/2021	10:36:15 PM	EDG-12	ECA	TV	OSW	143	166,736
P00736989-1	9/17/2021	10:38:20 PM	MST-25	EBJ	TV	OFU	316	299,378
P00736992-1	9/17/2021	10:38:39 PM	RAI-11	ECC	EF	OTR	1	1,801
P00737009-1	9/17/2021	10:39:04 PM	PIK-21	EBD	TV	OCO	970	1,375,730
P00737017-1	9/17/2021	10:39:49 PM	LTA-17	ECA	TV	OFU	19	23,501
P00737158-1	9/17/2021	10:40:00 PM	TLN-0097	ECA	TV	OCO	-	123,414
P00737207-1	9/17/2021	10:40:09 PM	PAN-12	EBJ	TV	OCR	53	61,965
P00737035-1	9/17/2021	10:41:00 PM	ZEN-17	EBJ	TV	OCO	4	1,308
P00737063-1	9/17/2021	10:41:01 PM	ENU-17	EBI	TV	OHR	42	49,574
P00737108-1	9/17/2021	10:41:41 PM	DGR-16	EBJ	TV	SCB	3,220	3,031,774
P00737048-1	9/17/2021	10:41:44 PM	KNT-37	EBJ	TV	OTR	88	128,021
P00737052-1	9/17/2021	10:41:54 PM	RDO-15	EBJ	TV	OCO	572	1,351,160
P00737091-1	9/17/2021	10:43:09 PM	EDG-16	EBJ	TV	OFU	54	72,605
P00738775-1	9/17/2021	10:43:40 PM	PEA-15	EBJ	TV	OCO	33	65,075
P00737161-1	9/17/2021	10:44:46 PM	GAR-12	ECA	TV	SCB	390	210,977
P00737980-1	9/17/2021	10:45:05 PM	BRI-14	EAA	TV	OFU	20	12,360

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00737145-1	9/17/2021	10:45:23 PM	STW-13	ECA	TV	OFU	113	113,281
P00737172-1	9/17/2021	10:45:42 PM	LWS-13	EBI	TV	SCB	1,039	541,285
P00737156-1	9/17/2021	10:45:59 PM	HEM-15	ECA	TV	OCO	854	626,344
P00737159-1	9/17/2021	10:46:12 PM	ELL-16	EBJ	TV	OFU	11	22,636
P00737264-1	9/17/2021	10:46:24 PM	GLC-15	EBJ	TV	OCO	122	174,653
P00737163-1	9/17/2021	10:46:28 PM	MIR-13	EBD	TV	OCO	5	3,411
P00739302-1	9/17/2021	10:46:44 PM	GLC-15	EBJ	TV	OCO	7	10,291
P00737197-1	9/17/2021	10:46:47 PM	SUN-11	ECA	TV	OCO	2,830	1,932,372
P00737174-1	9/17/2021	10:46:53 PM	STW-13	ECA	TV	OFU	29	35,399
P00737177-1	9/17/2021	10:47:12 PM	HAM-15	EAC	TV	OCO	73	143,812
P00737215-1	9/17/2021	10:47:47 PM	KAP-15	ECA	TV	OCO	1,111	582,297
P00737193-1	9/17/2021	10:48:25 PM	LMD-16	EBI	TV	OFU	6	12,176
P00738027-1	9/17/2021	10:48:25 PM	DGR-15	ECA	TV	SCB	2,214	1,898,100
P00737217-1	9/17/2021	10:48:41 PM	YEL-27	ECC	TV	OFU	177	218,493
P00737201-1	9/17/2021	10:49:01 PM	EDG-16	EBJ	TV	OFU	-	18,813
P00739743-1	9/17/2021	10:49:01 PM	WAU-25	EBJ	TV	OFU	25	57,575
P00737213-1	9/17/2021	10:49:44 PM	LMD-16	EBI	TV	OCO	9	12,019
P00737260-1	9/17/2021	10:50:17 PM	WOO-26	ECA	TV	SCB	1,858	741,646
P00737247-1	9/17/2021	10:50:22 PM	ORT-22	ECA	TV	OCO	1,066	184,772
P00737306-1	9/17/2021	10:51:00 PM	HOB-16	EBI	TV	OCO	22	53,553
P00737223-1	9/17/2021	10:51:01 PM	WAU-25	EBJ	TV	OFU	13	27,654
P00737802-1	9/17/2021	10:51:13 PM	WOO-25	ECA	TV	OCO	990	364,849
P00737232-1	9/17/2021	10:51:16 PM	FWD-16	EBI	UN	OFU	1	2,118
P00737103-1	9/17/2021	10:51:31 PM	PEA-15	EBJ	TV	OTF	2	4,337
P00737242-1	9/17/2021	10:51:33 PM	HOB-16	EBI	TV	OCO	54	86,737
P00737271-1	9/17/2021	10:51:39 PM	TOL-15	EBD	TV	OCO	121	153,527
P00738152-1	9/17/2021	10:53:00 PM	BDI-13	EBI	TV	OCO	139	84,727
P00737277-1	9/17/2021	10:53:20 PM	ORT-26	ECA	TV	OFU	8	8,468
P00737284-1	9/17/2021	10:53:24 PM	OSC-23	EBJ	TV	OFU	166	183,461
P00737286-1	9/17/2021	10:53:27 PM	GAR-13	ECA	TV	OFU	27	24,952
P00737309-1	9/17/2021	10:53:32 PM	BDI-12	EBI	EF	SCB	192	129,661

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00737345-1	9/17/2021	10:53:37 PM	MIR-26	EBD	TV	SCB	1	155
P00737288-1	9/17/2021	10:53:42 PM	LUH-14	ECC	TV	OCO	1	790
P00737350-1	9/17/2021	10:54:02 PM	FCR-12	EBI	TV	SCB	2,847	450,301
P00737316-1	9/17/2021	10:55:03 PM	LTA-18	ECA	TV	OCO	586	449,979
P00737374-1	9/17/2021	10:55:17 PM	SHA-15	ECA	TV	SCB	2,616	978,167
P00737322-1	9/17/2021	10:55:17 PM	ORT-23	ECA	TV	OHR	598	507,254
P00737339-1	9/17/2021	10:55:52 PM	BDI-15	EBI	TV	OPO	168	80,569
P00737576-1	9/17/2021	10:56:00 PM	TLN-0073	EBD	TV	OCO	7,833	191,125
P00737347-1	9/17/2021	10:56:03 PM	HOB-17	EBI	ND	OFU	6	12,406
P00737353-1	9/17/2021	10:56:28 PM	GLC-11	EBJ	TV	OCO	24	38,107
P00737848-1	9/17/2021	10:56:44 PM	TOL-15	EBD	TV	OFU	106	19,110
P00737444-1	9/17/2021	10:57:00 PM	HOB-17	EBI	TV	OCO	77	187,935
P00737381-1	9/17/2021	10:58:16 PM	LYO-15	EBI	TV	OCO	248	170,847
P00737390-1	9/17/2021	10:58:25 PM	PIN-26	EBD	EF	OSW	462	559,700
P00737458-1	9/17/2021	10:59:03 PM	RHO-15	ECA	EF	SCB	2,102	1,428,345
P00737401-1	9/17/2021	10:59:25 PM	WLK-13	ECA	TV	SCB	1,067	1,524,948
P00737526-1	9/17/2021	11:00:23 PM	BUC-16	ECA	ND	SCB	1,372	1,768,508
P00737442-1	9/17/2021	11:00:35 PM	PIP-22	EBI	TV	OCO	141	146,862
P00737445-1	9/17/2021	11:00:37 PM	SOO-25	EBI	TV	OFU	10	23,082
P00737452-1	9/17/2021	11:00:43 PM	KAP-13	ECA	TV	OSV	1	719
P00737615-1	9/17/2021	11:01:00 PM	WAB-13	EBI	TV	SCB	703	442,451
P00737931-1	9/17/2021	11:01:00 PM	TLN-0157	EBJ	UN	OTH	390	505,052
P00737502-1	9/17/2021	11:01:56 PM	TLN-0184	EBI	UN	SCS	2,252	1,546,973
P00737511-1	9/17/2021	11:02:00 PM	KAP-13	ECA	TV	OTP	26	39,254
P00739228-1	9/17/2021	11:02:57 PM	GWR-13	EBJ	TV	OCO	481	1,127,521
P00737597-1	9/17/2021	11:02:58 PM	OSC-26	EBI	TV	OCO	2,469	2,542,966
P00738085-1	9/17/2021	11:03:24 PM	BUC-25	ECA	UN	SCB	2,202	3,495,290
P00737570-1	9/17/2021	11:03:39 PM	SHD-18	EBJ	TV	OFU	86	122,658
P00738101-1	9/17/2021	11:04:08 PM	WLK-15	ECA	ND	SCB	554	1,171,898
P00737590-1	9/17/2021	11:04:17 PM	HOB-16	EBI	TV	OTF	1	2,126
P00738087-1	9/17/2021	11:04:21 PM	BUC-26	ECA	ND	SCB	1,150	1,451,683

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00738703-1	9/17/2021	11:05:22 PM	CUM-15	EBI	UN	OCO	616	460,429
P00737965-1	9/17/2021	11:06:13 PM	WOO-23	ECA	TV	SCB	1,027	188,831
P00738329-1	9/17/2021	11:06:25 PM	BON-13	ECA	TV	OCO	12	12,346
P00737699-1	9/17/2021	11:06:49 PM	MIR-17	EBD	TV	SCB	500	109,634
P00737689-1	9/17/2021	11:07:17 PM	SHD-17	EBJ	TV	OCO	208	334,426
P00737707-1	9/17/2021	11:08:14 PM	OSC-23	EBI	TV	OCO	15	15,253
P00737738-1	9/17/2021	11:09:49 PM	CUM-13	EBI	TV	OPO	143	195,002
P00737807-1	9/17/2021	11:13:36 PM	NBE-16	EBD	TV	OCO	504	361,049
P00737813-1	9/17/2021	11:17:35 PM	DGR-13	ECA	TV	SCB	624	706,922
P00739626-1	9/17/2021	11:19:15 PM	GWR-13	EBJ	TV	OCO	11	34,420
P00737822-1	9/17/2021	11:22:40 PM	EDG-16	EBJ	TV	OCO	-	1,185
P00737827-1	9/17/2021	11:24:23 PM	FLD-12	EAD	TV	OCO	108	66,874
P00737866-1	9/17/2021	11:25:01 PM	MSI-24	EBD	TV	OCR	286	157,543
P00737836-1	9/17/2021	11:25:14 PM	OSC-23	EBI	TV	OFU	21	44,806
P00737336-1	9/17/2021	11:28:00 PM	TLN-0040	ECA	TV	OCO	-	(1)
P00737966-1	9/17/2021	11:28:00 PM	WOO-27	ECA	TV	SCB	1,922	465,220
P00737851-1	9/17/2021	11:28:06 PM	BRS-24	EAC	TV	OCO	148	233,798
P00737858-1	9/17/2021	11:29:43 PM	NBE-16	EBD	TV	OCO	76	32,983
P00738300-1	9/17/2021	11:30:37 PM	KAP-15	ECA	TV	OFU	32	39,263
P00737870-1	9/17/2021	11:33:23 PM	FNW-13	ECD	TV	OSV	1	958
P00737885-1	9/17/2021	11:37:13 PM	GRV-16	ECA	TV	OTR	2	2,177
P00737895-1	9/17/2021	11:42:13 PM	SUM-21	EAC	TV	OTR	1	2,168
P00737917-1	9/17/2021	11:49:59 PM	HLC-23	EAD	EF	USV	2	4,432
P00737920-1	9/17/2021	11:50:34 PM	RAI-12	ECC	TV	OCO	21	35,122
P00738415-1	9/17/2021	11:52:44 PM	KAP-13	ECA	TV	OHR	222	231,032
P00737924-1	9/17/2021	11:52:57 PM	MTH-17	EBJ	TV	OFU	14	25,906
P00738511-1	9/17/2021	11:56:36 PM	CLV-16	EAD	TV	OFU	31	16,715

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



Strong Frontal Passage: Active Weather Today Through This Weekend

National Weather Service - Seattle, WA

Issued: Fri, Sep 17, 2021 - 04:10 AM
 Next Update: 18 Sep 2021
 Point of Contact: NWS Operations (24/7/365) 206-526-6095

KEY POINTS

- Fall-like weather returns to Western Washington today and through the weekend.
- Widespread rainfall (heavy at times) and breezy to windy conditions are likely today and tonight.
- Moderate to heavy rain showers Saturday and Sunday, with potential for isolated thunderstorms.
- Snow levels falling between 6000-7000 feet Saturday and Sunday will lead to the first high elevation snow in several months.
- Rapid rises on area rivers expected this weekend, but no river flooding is expected at this time.

WEATHER AND IMPACT OUTLOOK

Fri 09/17	Sat 09/18	Sun 09/19	Mon 09/20	Tue 09/21	Wed 09/22	Thu 09/23
Heavy rain, breezy, high elevation snow, river rises	Thunderstorms, breezy, high elevation snow, river rises	Thunderstorms, high elevation snow				

Weather Impact Legend:

None	Low	Medium	High	Extreme
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CONFIDENCE AND DETAILS

Western Washington Lowlands	
HIGH Confidence	<ul style="list-style-type: none"> ● Periods of heavy rain may lead to ponding of water on roadways and poor visibility, causing difficult travel conditions. Isolated flooding is possible in areas of poor drainage.
MODERATE Confidence	<ul style="list-style-type: none"> ● Thunderstorms may produce dangerous lightning, gusty winds, small hail, and brief heavy rain which can impact outdoor activities and recreationists. ● Gusty winds may cause localized power outages and tree limb damage. Temporary structures could be damaged.
LOW Confidence	<ul style="list-style-type: none"> ● Sharp rises on area rivers will be possible, however no river flooding is expected at this time.

Western WA Rain, Wind Causing Power Outages, Airport Delays

A surge of moisture from the Pacific moving into Western Washington is bringing rain and wind to the region, causing power outages and airport delays.

By Associated Press

Sept. 17, 2021, at 8:49 p.m.

A wind advisory was also in effect through Friday night in northwest Washington.

Puget Sound Energy was reporting more than 35,000 customers with power outages as of 5:45 p.m. Friday, most of which were in the Bellingham area.

KING-TV reported as of 5:30 p.m. Friday, some arriving flights at Seattle-Tacoma International Airport were delayed due to high winds.

The National Weather Service also issued a flash flood watch for parts of North Central Washington from Friday afternoon through Saturday morning.

Power outages impact thousands across Whatcom County while stronger winds remain a possibility

BY WHATCOM NEWS ON SEPTEMBER 17, 2021

WHATCOM COUNTY, Wash. — Forecasters with the National Weather Service Seattle office extended their wind advisory to continue from 8pm until 11pm this evening, September 17th. Weather models have been showing a potential for the strongest winds to occur late tonight. The NWS advisory says to expect sustained south winds of 25 To 35mph with gusts up to 50mph. Wind gusts around Whatcom County have been reported below 40mph. But firefighters, law enforcement and other emergency crews were busy responding to over a dozen reported electrical emergencies between 8am and 6pm today that have mostly been the result of downed trees into power lines. Correspondingly, there have been several localized outages across the County.

As of 6pm, Puget Sound Energy reported over 15,000 customer addresses in Whatcom County were without power and over 37,000 were without across all of the Puget Sound region.